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## Part III Statement of Program Service Accomplishments

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

**1** Briefly describe the organization's mission

TO PROVIDE A COLLABORATIVE MEMBERSHIP ORGANIZATION WHERE UNIVERSITIES AND OTHER RESEARCH ORGANIZATIONS MAY COOPERATE EFFECTIVELY WITH EACH OTHER, WITH THE UNITED STATE GOVERNMENT, AND OTHER ENTITIES TO DEVELOP KNOWLEDGE ASSOCIATED WITH SPACE SCIENCE AND TECHNOLOGY

**2** Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? ☒ **Yes** ☐ **No**  
If "Yes," describe these new services on Schedule O

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

If "Yes," describe these changes on Schedule O

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

<b>4a</b>	(Code ) (Expenses \$ 19,818,472 including grants of \$ ) (Revenue \$ )
	STRATOSPHERIC OBSERVATORY FOR INFRARED ASTRONOMY (SOFIA) THE SOFIA IS AN AIRBORNE OBSERVATORY THAT WILL STUDY THE UNIVERSE IN THE INFRARED SPECTRUM BESIDES THIS CONTRIBUTION TO SCIENCE PROGRESS, SOFIA WILL BE A MAJOR FACTOR IN THE DEVELOPMENT OF OBSERVATIONAL TECHNIQUES, OF NEW INSTRUMENTATIONS, AND IN THE EDUCATION OF YOUNG SCIENTISTS AND TEACHERS IN THE DISCIPLINE OF INFRARED ASTRONOMY SOFIA IS EXPECTED TO FLY INTO THE STRATOSPHERE, OPEN THE TELESCOPE CAVITY DOOR, AND POINT ITS TELESCOPE AT THE HEAVENS THREE OR FOUR NIGHTS A WEEK FOR AT LEAST TWENTY YEARS

**4b** (Code ) (Expenses \$ 18,349,808 including grants of \$ 353,015 ) (Revenue \$ )

GESTAR STANDS FOR GODDARD EARTH SCIENCES TECHNOLOGY AND RESEARCH. ITS SCOPE CUTS ACROSS EARTH SCIENCE DISCIPLINES AND INCLUDES ATMOSPHERIC STUDIES, HYDROLOGY, OCEAN AND CLIMATE RESEARCH. TO FACILITATE EXPERIMENTAL, ANALYTICAL AND THEORETICAL RESEARCH IN SUPPORT OF NASA'S STRATEGIC EARTH AND SPACE SCIENCE OBJECTIVES.

<b>4c</b>	(Code ) (Expenses \$ 10,514,072 including grants of \$ 328,945 ) (Revenue \$ 0 )
	<p>LUNAR &amp; PLANETARY INSTITUTE (LPI) SUPPORTS NASA'S RESEARCH IN LUNAR, PLANETARY, AND RELATED SCIENTIFIC FIELDS THE INSTITUTE IS A CENTER FOR LUNAR AND PLANETARY SCIENCE, CONDUCTING RESEARCH STUDIES ON THE FORMATION, EVOLUTION, AND CURRENT STATE OF THE MOON, PLANETS, COMETS, ASTEROIDS, PLANETARY SATELLITES, COSMIC DUST, AND OUR SOLAR SYSTEM AS A WHOLE THROUGH ANALYSIS OF DATA AND SAMPLES OBTAINED THROUGH NASA'S LONG HISTORY OF MISSIONS AND EXPLORATION, SERVICE TO NASA AND THE PLANETARY SCIENCE COMMUNITY THE INSTITUTE COORDINATES SCIENTIFIC MEETINGS ON LUNAR AND PLANETARY TOPICS, AND DISSEMINATES SCIENTIFIC INFORMATION THROUGH TECHNICAL JOURNALS AND CONFERENCES, INCLUDING AN ABSTRACT DATABASE OF MORE THAN 25,000 PRESENTATIONS MADE BY SCIENTISTS AT LPI-SPONSORED MEETINGS THE INSTITUTE ALSO CURATES AN EXTENSIVE COLLECTION OF LUNAR AND PLANETARY DATA THAT IS ACCESSIBLE ONLINE</p>

(Code	) (Expenses \$	5,383,552	including grants of \$	62,954	) (Revenue \$	)
<p>NATIONAL SPACE SCIENCE AND TECHNOLOGY CENTER (NSSTC) THE DIVISION OF EARTH SCIENCES SUPPORTS NASA'S RESEARCH TO SEEK A BETTER UNDERSTANDING OF THE GLOBAL HYDROLOGIC CYCLE AND ITS INTERACTION WITH CLIMATE VARIABILITY USRA IS ASSISTING WITH THE INTEGRATION OF RESEARCH PROGRAMS WITH THE EDUCATIONAL NEEDS OF CLIMATE AND GLOBAL CHANGE SCIENCE CURRICULA AT THE COLLEGE AND PRE-COLLEGE LEVELS TO COMMUNICATE THE IMPORTANCE AND CHALLENGES RELATING TO THE INTERACTIONS OF THE HYDROLOGIC CYCLE WITH CLIMATE AND CLIMATE VARIABILITY</p>						

(Code	) (Expenses \$	3,894,103	including grants of \$	(Revenue \$	)
EXPLORATION SYSTEMS TECHNOLOGY RESEARCH SUPPORTS RESEARCH FOR NASA GLENN RESEARCH CENTER'S EXPLORATION SYSTEMS (NCSE) TECHNOLOGY DEVELOPMENT PROGRAMS AND PROVIDES SUPPORT FOR ISS MICROGRAVITY RESEARCH THIS PROGRAM INVOLVES THE DEVELOPMENT OF ENABLING TECHNOLOGIES FOR SPACE EXPLORATION WITH EMPHASIS ON REDUCED GRAVITY APPLICATIONS OF FLUIDS SYSTEMS AND FIRE SAFETY AND PERFORMS CRITICAL PATH RESEARCH IN FLUIDS AND COMBUSTION IN SUPPORT OF NASA'S SPACE EXPLORATION PROGRAM AND RELATED NATIONAL INITIATIVES					

(Code	) (Expenses \$	1,115,229	including grants of \$	951,126	) (Revenue \$	)
<p>UNDERGRADUATE STUDENT RESEARCH PROGRAM (USRP) USRP IS AN INTERNSHIP PROGRAM THAT OFFERS NASA RESEARCH AND DEVELOPMENT OPPORTUNITIES USRP OFFERS INTERNSHIPS IN ENGINEERING, SCIENCE, AND MATHEMATICS THAT GIVE STUDENTS THE ULTIMATE STEM WORKFORCE PREPARATORY EXPERIENCE THE USRP PROGRAM CONSISTS OF A 10-15 WEEK RESEARCH EXPERIENCE AT A PARTICIPATING NASA CENTER UNDER THE SUPERVISION OF A NASA TECHNICAL MENTOR</p>						

(Code	) (Expenses \$	8,809,181	including grants of \$	5,607,003 ) (Revenue \$	)
EDUCATION PROGRAMS (EAP & EPO) THE EDUCATION PROGRAM'S OFFICE PRIMARILY SUPPORTS NASA'S EFFORTS TO EXPAND EDUCATIONAL OPPORTUNITIES FOR STUDENTS IN AEROSPACE ENGINEERING AND THE SPACE SCIENCES, AS WELL AS ENCOURAGING YOUNG STUDENTS TO STAY IN SCHOOL AND PURSUE CAREERS IN SCIENCE, ENGINEERING, AND BUSINESS					

(Code	) (Expenses \$	7,054,068	including grants of \$	45,621	) (Revenue \$	)
DIVISION OF SPACE LIFE SCIENCES (DLSL) THE DLSL SUPPORTS NASA IN ALL AREAS OF LIFE SCIENCES RESEARCH AND MANAGEMENT IN FURTHERANCE OF NASA'S VISION FOR SPACE EXPLORATION, TO SEND ASTRONAUTS TO THE MOON, MARS, AND BEYOND DLSL SCIENTISTS EXAMINE THE EFFECTS OF MICROGRAVITY AND RADIATION IN BLOOD, BONE, LUNG, MUSCLE, AND NEURAL CELLS THEY PARTICIPATE IN HUMAN BED REST STUDIES, A MICROGRAVITY ANALOGUE, TO DEVELOP COUNTERMEASURES TO PROTECT ASTRONAUTS AGAINST THE ADVERSE EFFECTS OF MICROGRAVITY ON VARIOUS PHYSIOLOGICAL SYSTEMS						

(Code ) (Expenses \$ 3,330,761 including grants of \$ 6,978 ) (Revenue \$ )

CENTER FOR RESEARCH AND EXPLORATION IN SPACE AND SCIENCE TECHNOLOGY (CRESST) SUPPORTS THE RESEARCH EFFORTS FOR NASA AND THE NRL IN VARIOUS ASTRONOMY AND SPACE PHYSICS DISCIPLINES INCLUDING X-RAY ASTRONOMY, GAMMA-RAY ASTRONOMY, AND COSMIC-RAY ASTROPHYSICS

(Code	) (Expenses \$	1,575,441	including grants of \$	134,213	) (Revenue \$	)
<p>CENTER FOR SPACE NUCLEAR RESEARCH (CSNR) THE CSNR IS OPERATED BY USRA IN COLLABORATION WITH THE IDAHO NATIONAL LABORATORY (INL) THE CSNR IS A FOCUS FOR ENGAGING UNIVERSITY SCIENTISTS IN RESEARCH AND DEVELOPMENT OF ADVANCED SPACE NUCLEAR SYSTEMS, INCLUDING SPACE POWER AND PROPULSION SYSTEMS AND RADIOISOTOPE POWER GENERATORS</p>						

(Code	(Expenses \$	1,171,468	including grants of \$	(Revenue \$	)
<p>RESEARCH INSTITUTE FOR ADVANCED COMPUTER SCIENCE (RIACS) THE RIACS IS FOCUSED ON DEVELOPING THE NEXT GENERATION ENABLING TECHNOLOGIES THAT WILL FACILITATE BOTH HUMAN AND ROBOTIC SPACE EXPLORATION SINCE ITS INCEPTION IN 1983, THE INSTITUTE HAS CONDUCTED BASIC AND APPLIED COMPUTER SCIENCE RESEARCH ACROSS A VARIETY OF AEROSPACE-RELATED DISCIPLINES, INCLUDING SUPERCOMPUTING, COMPUTATIONAL FLUID DYNAMICS, COMPUTATIONAL CHEMISTRY, HIGH-PERFORMANCE NETWORKING, AND ARTIFICIAL INTELLIGENCE</p>					

(Code	) (Expenses \$	3,269,975	including grants of \$	6,440	) (Revenue \$	)
<p>THE ASSOCIATION IMPLEMENTED THE ARECIBO PROJECT IN THE 2011 FISCAL YEAR. IT IS OPERATED BY SRI INTERNATIONAL UNDER A COOPERATIVE AGREEMENT WITH THE NATIONAL SCIENCE FOUNDATION AND IN ALLIANCE WITH ANA G. MENDEZ, UNIVERIDAD METROPOLITANA AND UNIVERSITIES SPACE RESEARCH ASSOCIATION. THE ARECIBO OBSERVATORY IS IN THE MUNICIPALITY OF ARECIBO, PUERTO RICO AND IS PREEMINENT FOR ITS RESEARCH IN ASTRONOMY, PLANETARY STUDIES, AND SPACE AND ATMOSPHERIC SCIENCES. IT IS THE WORLD'S LARGEST AND MOST SENSITIVE SINGLE-DISH RADIO TELESCOPE. THIS OBSERVATORY IS OPERATED BY SRI INTERNATIONAL, USRA AND UMET, UNDER A FIVE-YEAR COOPERATIVE AGREEMENT WITH THE NATIONAL SCIENCE FOUNDATION. IT WILL LEVERAGE THEIR SCIENCE OPERATIONS AND MANAGEMENT EXPERIENCE TO ENHANCE AND DEVELOP OBSERVATORY CAPABILITIES IN RADIO ASTRONOMY.</p>						



















(Code	) (Expenses \$	17,128	including grants of \$	) (Revenue \$	)
OTHER USRA MANAGES VARIOUS EFFORTS UNDER A VARIETY OF RELATIVELY SMALL CONTRACTS AND OTHER AGREEMENTS IN SUPPORT OF SCIENTIFIC AND EDUCATION PROJECTS					

<b>4d</b>	Other program services (Describe in Schedule O )				
	(Expenses \$	35,620,906	including grants of \$	6,814,335 )	(Revenue \$ )

<b>4e</b>	<b>Total program service expenses</b>	<b>\$ 84,303,258</b>
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Part IV

Checklist of Required Schedules

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

Part IV

Checklist of Required Schedules (continued)

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

Part V Statements Regarding Other IRS Filings and Tax Compliance		
Check if Schedule O contains a response to any question in this Part V <input type="checkbox"/>		
		YesNo
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable. .	1a877
b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable.	1b0
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements filed for the calendar year ending with or within the year covered by this return. .	2a589
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns?  Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions).	2bYes
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?	3aNo
b	If "Yes," has it filed a Form 990-T for this year? If "No," provide an explanation in Schedule O.	3b
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account or securities account)? .	4aNo
b	If "Yes," enter the name of the foreign country: _____ See instructions for filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.	
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5aNo
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5bNo
c	If "Yes" to line 5a or 5b, did the organization file Form 8886-T?	5c
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible?	6aNo
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b
7	Organizations that may receive deductible contributions under section 170(c).	
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	7aNo
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7cNo
d	If "Yes," indicate the number of Forms 8282 filed during the year.	7d
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7eNo
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7fNo
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h
8	Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations. Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year?	8
9	Sponsoring organizations maintaining donor advised funds.	
a	Did the organization make any taxable distributions under section 4966?	9a
b	Did the organization make a distribution to a donor, donor advisor, or related person?	9b
10	Section 501(c)(7) organizations. Enter	
a	Initiation fees and capital contributions included on Part VIII, line 12.	10a
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.	10b
11	Section 501(c)(12) organizations. Enter	
a	Gross income from members or shareholders.	11a
b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).	11b
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?	12a
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	12b
13	Section 501(c)(29) qualified nonprofit health insurance issuers.	
a	Is the organization licensed to issue qualified health plans in more than one state? Note. All 501(c)(29) organizations must list in Schedule O each state in which they are licensed to issue qualified health plans, the amount of reserves required by each state, and the amount of reserves the organization allocated to each state.	13a
b	Enter the aggregate amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans.	13b
c	Enter the aggregate amount of reserves on hand.	13c
14a	Did the organization receive any payments for indoor tanning services during the tax year?	14aNo
b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.	14b

Part VI

Governance, Management, and Disclosure

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year		
1a	15		
b	Enter the number of voting members included in line 1a, above, who are independent	1b	14
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2	No
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person?	3	No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4	No
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5	No
6	Did the organization have members or stockholders?	6	Yes
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	7a	Yes
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b	Yes
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following		
a	The governing body?	8a	Yes
b	Each committee with authority to act on behalf of the governing body?	8b	Yes
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O	9	No

Section B. Policies

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

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

Section C. Disclosure

17	List the States with which a copy of this Form 990 is required to be filed	CA
18	Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply. <input type="checkbox"/> Own website <input type="checkbox"/> Another's website <input checked="" type="checkbox"/> Upon request	
19	Describe in Schedule O whether (and if so, how), the organization made its governing documents, conflict of interest policy, and financial statements available to the public. See Additional Data Table.	
20	State the name, physical address, and telephone number of the person who possesses the books and records of the organization.	
	KARIN HILSER 10211 WINCOPIN CIRCLE SUITE 500 COLUMBIA, MD 21044 (410) 740-6232	

Part VII

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

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

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

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

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

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

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

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) DR JAN VAN PROOYEN CHAIR, BOARD OF TRUSTEES	6 00	X		X				25,300	0	0
(2) DR FREDERICK TARANTINO PRESIDENT AND CEO	40 00	X		X				619,397	0	33,154
(3) DR VICTORIA COVERSTONE MEMBER, BOARD OF TRUSTEES	3 00	X						3,700	0	0
(4) DR JAMES CROCKER MEMBER, BOARD OF TRUSTEES	3 00	X						12,300	0	0
(5) DR MICHAEL DRAKE MEMBER, BOARD OF TRUSTEES	3 00	X						10,500	0	0
(6) DR JOHN D FIX MEMBER, BOARD OF TRUSTEES	3 00	X						23,600	0	0
(7) VICE ADMIRAL DAVID FROST MEMBER, BOARD OF TRUSTEES	3 00	X						15,100	0	0
(8) DR WESLEY HARRIS MEMBER, BOARD OF TRUSTEES	3 00	X						19,100	0	0
(9) MR MK JEPPESEN MEMBER, BOARD OF TRUSTEES	3 00	X						22,200	0	0
(10) DR STEVEN KAHN MEMBER, BOARD OF TRUSTEES	3 00	X						18,900	0	0
(11) DR SCOTT PACE MEMBER, BOARD OF TRUSTEES	3 00	X						18,400	0	0
(12) DR JUDITH PIPHER MEMBER, BOARD OF TRUSTEES	3 00	X						14,500	0	0
(13) DR HANS-PETER ROESER MEMBER, BOARD OF TRUSTEES	3 00	X						4,300	0	0
(14) DR ERIC SHEPPARD MEMBER, BOARD OF TRUSTEES	3 00	X						15,100	0	0
(15) DR GARY R SWENSON MEMBER, BOARD OF TRUSTEES	3 00	X						4,300	0	0
(16) DR THOMAS ZURBUCHEN MEMBER, BOARD OF TRUSTEES	3 00	X						19,150	0	0
(17) STEVEN BENSON SECRETARY	1 00			X				26,550	0	0



Part VII

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

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(18) KARIN HILSER CFO	40 00			X				220,018	0	23,435
(19) ERICK YOUNG INSTITUTE DIRECTOR	40 00				X			276,164	0	32,661
(20) STEPHEN J MACKWELL INSTITUTE DIRECTOR	40 00				X			262,243	0	30,902
(21) DONALD KNIFFEN INSTITUTE DIRECTOR	40 00				X			236,091	0	22,670
(22) PHIL MACKLIN DIRECTOR OF HOMELAND SECURITY	40 00				X			208,843	0	20,085
(23) HELEN HALL INSTITUTE DIRECTOR	40 00					X		347,326	0	27,783
(24) DAVID BELL INSTITUTE DIRECTOR	40 00					X		242,046	0	32,744
(25) STEVE HOWE INSTITUTE DIRECTOR	40 00					X		217,973	0	29,735
(26) ERICK BECKLIN SR SCIENCE ADVISOR	40 00					X		230,395	0	21,675
(27) ALAN MARCHANT CIO & HR MANAGER	40 00					X		218,774	0	28,795
<b>1b Sub-Total</b>										
<b>c Total from continuation sheets to Part VII, Section A</b>										
<b>d Total (add lines 1b and 1c)</b>								3,332,270	0	303,639

2

Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization▶95

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

Section B. Independent Contractors

1

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

(A) Name and business address	(B) Description of services	(C) Compensation
MORGAN STATE UNIVERSITY 1700 EAST COLDSRING LANE BALTIMORE, MD 21251	SCIENTIFIC SUPPORT SERVICES	2,981,936
ZERO POINT FRONTIERS CORP PO BOX 2735 HUNTSVILLE, AL 35804	SCIENTIFIC SUPPORT SERVICES	1,185,051
CORNELL UNIVERSITY PO BOX 22 ITHACA, NY 14851	SCIENTIFIC SUPPORT SERVICES	1,180,980
SETI UNIVERSITY 189 N BERNADO AVE STE 100 MOUNTAIN VIEW, CA 94043	SCIENTIFIC SUPPORT SERVICES	1,168,799
CASE WESTERN RESERVE UNIVERSITY 10900 EUCLID AVE STE 600 CLEVELAND, OH 44106	SCIENTIFIC SUPPORT SERVICES	1,111,037
<b>2</b> Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ▶19		

Part VIII

Statement of Revenue

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514
Contributions, gifts, grants and other similar amounts	1a	Federated campaigns . . .	1a				
	b	Membership dues . . . . .	1b				
	c	Fundraising events . . . . .	1c				
	d	Related organizations . . . .	1d				
	e	Government grants (contributions)	1e	92,242,140			
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	5,000			
	g	Noncash contributions included in lines 1a-1f \$ _____					
	h	Total. Add lines 1a-1f . . . . .		92,247,140			
Program Service Revenue	2a		Business Code				
	b						
	c						
	d						
	e						
	f	All other program service revenue					
	g	Total. Add lines 2a-2f . . . . .					
	Other Revenue	3	Investment income (including dividends, interest and other similar amounts) . . . . .		166,807		
4		Income from investment of tax-exempt bond proceeds . .					
5		Royalties . . . . .					
6a		Gross rents	(i) Real	(ii) Personal			
b		Less rental expenses					
c		Rental income or (loss)					
d		Net rental income or (loss) . . . . .					
7a		Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other			
b		Less cost or other basis and sales expenses					
c		Gain or (loss)					
d		Net gain or (loss) . . . . .			69,486		69,486
8a		Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18 . . . . .	a				
b		Less direct expenses . . . .	b				
c		Net income or (loss) from fundraising events . .					
9a		Gross income from gaming activities See Part IV, line 19 . . . . .	a				
b		Less direct expenses . . . .	b				
c		Net income or (loss) from gaming activities . .					
10a		Gross sales of inventory, less returns and allowances . . . . .	a				
b		Less cost of goods sold . . .	b				
c		Net income or (loss) from sales of inventory . .					
	Miscellaneous Revenue	Business Code					
11a							
b							
c							
d	All other revenue . . . . .						
e	Total. Add lines 11a-11d . . . . .						
12	Total revenue. See Instructions . . . . .			92,483,433	0	0	236,293

Part IX Statement of Functional Expenses

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.		(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1	Grants and other assistance to governments and organizations in the United States See Part IV, line 21				
2	Grants and other assistance to individuals in the United States See Part IV, line 22	7,496,295	7,496,295		
3	Grants and other assistance to governments, organizations, and individuals outside the United States See Part IV, lines 15 and 16				
4	Benefits paid to or for members				
5	Compensation of current officers, directors, trustees, and key employees	5,982,184	4,248,485	1,733,699	
6	Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7	Other salaries and wages	34,135,830	32,856,690	1,279,140	
8	Pension plan contributions (include section 401(k) and section 403(b) employer contributions)	2,990,160	2,878,113	112,047	
9	Other employee benefits	3,571,592	3,438,209	133,383	
10	Payroll taxes	2,686,742	2,499,206	187,536	
11	Fees for services (non-employees)				
a	Management				
b	Legal	99,704		99,704	
c	Accounting	131,583		131,583	
d	Lobbying	142,298		142,298	
e	Professional fundraising See Part IV, line 17				
f	Investment management fees				
g	Other	21,121,857	20,264,957	856,900	
12	Advertising and promotion				
13	Office expenses	1,377,141	1,267,689	109,452	
14	Information technology	1,169,084	1,169,084		
15	Royalties				
16	Occupancy	2,069,877	1,555,346	514,531	
17	Travel	3,179,127	2,959,463	219,664	
18	Payments of travel or entertainment expenses for any federal, state, or local public officials				
19	Conferences, conventions, and meetings	1,154,050	979,415	174,635	
20	Interest	166,807		166,807	
21	Payments to affiliates				
22	Depreciation, depletion, and amortization	661,600	661,600		
23	Insurance	106,738	104,725	2,013	
24	Other expenses Itemize expenses not covered above (List miscellaneous expenses in line 24f If line 24f amount exceeds 10% of line 25, column (A) amount, list line 24f expenses on Schedule O )				
a	PARTICIPANT SUPPORT COS	1,329,265	1,329,265		
b	BID AND PROPOSAL	400,152	400,152		
c	MISCELLANEOUS	201,381	132,664	68,717	
d	EQUIPMENT	82,904	61,900	21,004	
e					
f	All other expenses				
25	Total functional expenses. Add lines 1 through 24f	90,256,371	84,303,258	5,953,113	0
26	Joint costs. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720) Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation				

Part X

Balance Sheet

					(A)		(B)
					Beginning of year		End of year
Assets	1	Cash—non-interest-bearing . . . . .			11,909,189	1	12,694,099
	2	Savings and temporary cash investments . . . . .			4,561,181	2	2
	3	Pledges and grants receivable, net . . . . .				3	
	4	Accounts receivable, net . . . . .			6,070,996	4	7,546,766
	5	Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L . . . . .				5	
	6	Receivables from other disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B). Complete Part II of Schedule L . . . . .				6	
	7	Notes and loans receivable, net . . . . .				7	
	8	Inventories for sale or use . . . . .				8	
	9	Prepaid expenses and deferred charges . . . . .			773,109	9	887,422
	10a	Land, buildings, and equipment, cost or other basis. Complete Part VI of Schedule D . . . . .	10a	9,439,271	4,309,065	10c	4,268,390
	b	Less accumulated depreciation . . . . .	10b	5,170,881			
	11	Investments—publicly traded securities . . . . .			1,643,416	11	7,314,179
	12	Investments—other securities. See Part IV, line 11 . . . . .				12	
	13	Investments—program-related. See Part IV, line 11 . . . . .				13	
	14	Intangible assets . . . . .				14	
	15	Other assets. See Part IV, line 11 . . . . .				15	
16	Total assets. Add lines 1 through 15 (must equal line 34) . . . . .			29,266,956	16	32,710,858	
Liabilities	17	Accounts payable and accrued expenses . . . . .			11,358,424	17	11,731,962
	18	Grants payable . . . . .				18	
	19	Deferred revenue . . . . .			0	19	193,675
	20	Tax-exempt bond liabilities . . . . .				20	
	21	Escrow or custodial account liability. Complete Part IV of Schedule D . . . . .				21	
	22	Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L . . . . .				22	
	23	Secured mortgages and notes payable to unrelated third parties . . . . .				23	
	24	Unsecured notes and loans payable to unrelated third parties . . . . .				24	
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D . . . . .			0	25	355,136
	26	Total liabilities. Add lines 17 through 25 . . . . .			11,358,424	26	12,280,773
Net Assets or Fund Balances	Organizations that follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.						
	27	Unrestricted net assets . . . . .			17,800,476	27	20,322,029
	28	Temporarily restricted net assets . . . . .			108,056	28	108,056
	29	Permanently restricted net assets . . . . .				29	
	Organizations that do not follow SFAS 117, check here <input type="checkbox"/> and complete lines 30 through 34.						
	30	Capital stock or trust principal, or current funds . . . . .				30	
	31	Paid-in or capital surplus, or land, building or equipment fund . . . . .				31	
	32	Retained earnings, endowment, accumulated income, or other funds . . . . .				32	
	33	Total net assets or fund balances . . . . .			17,908,532	33	20,430,085
	34	Total liabilities and net assets/fund balances . . . . .			29,266,956	34	32,710,858

Part XI Reconciliation of Net Assets

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

1	Total revenue (must equal Part VIII, column (A), line 12)	1	92,483,433
2	Total expenses (must equal Part IX, column (A), line 25)	2	90,256,371
3	Revenue less expenses Subtract line 2 from line 1	3	2,227,062
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	17,908,532
5	Other changes in net assets or fund balances (explain in Schedule O)	5	294,491
6	Net assets or fund balances at end of year Combine lines 3, 4, and 5 (must equal Part X, line 33, column (B))	6	20,430,085

Part XII Financial Statements and Reporting

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

		Yes	No
1	Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O		
2a	Were the organization's financial statements compiled or reviewed by an independent accountant?		No
b	Were the organization's financial statements audited by an independent accountant?	Yes	
c	If "Yes," to 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O	Yes	
d	If "Yes" to line 2a or 2b, check a box below to indicate whether the financial statements for the year were issued on a separate basis, consolidated basis, or both <input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separated basis		
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?	Yes	
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits	Yes	

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

<b>4d. Other program services</b>			
(Code )	(Expenses \$ 7,054,068	including grants of \$ 45,621	) (Revenue \$ )
DIVISION OF SPACE LIFE SCIENCES (DSL)S THE DSLS SUPPORTS NASA IN ALL AREAS OF LIFE SCIENCES RESEARCH AND MANAGEMENT IN FURTHERANCE OF NASA'S VISION FOR SPACE EXPLORATION, TO SEND ASTRONAUTS TO THE MOON, MARS, AND BEYOND DSLS SCIENTISTS EXAMINE THE EFFECTS OF MICROGRAVITY AND RADIATION IN BLOOD, BONE, LUNG, MUSCLE, AND NEURAL CELLS THEY PARTICIPATE IN HUMAN BED REST STUDIES, A MICROGRAVITY ANALOGUE, TO DEVELOP COUNTERMEASURES TO PROTECT ASTRONAUTS AGAINST THE ADVERSE EFFECTS OF MICROGRAVITY ON VARIOUS PHYSIOLOGICAL SYSTEMS			
(Code )	(Expenses \$ 3,330,761	including grants of \$ 6,978	) (Revenue \$ )
CENTER FOR RESEARCH AND EXPLORATION IN SPACE AND SCIENCE TECHNOLOGY (CRESST) SUPPORTS THE RESEARCH EFFORTS FOR NASA AND THE NRL IN VARIOUS ASTRONOMY AND SPACE PHYSICS DISCIPLINES INCLUDING X-RAY ASTRONOMY, GAMMA-RAY ASTRONOMY, AND COSMIC-RAY ASTROPHYSICS			

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

<b>4d. Other program services</b>			
(Code	) (Expenses \$	1,575,441	including grants of \$ 134,213 ) (Revenue \$ )
CENTER FOR SPACE NUCLEAR RESEARCH (CSNR) THE CSNR IS OPERATED BY USRA IN COLLABORATION WITH THE IDAHO NATIONAL LABORATORY (INL) THE CSNR IS A FOCUS FOR ENGAGING UNIVERSITY SCIENTISTS IN RESEARCH AND DEVELOPMENT OF ADVANCED SPACE NUCLEAR SYSTEMS, INCLUDING SPACE POWER AND PROPULSION SYSTEMS AND RADIOISOTOPE POWER GENERATORS			
(Code	) (Expenses \$	1,171,468	including grants of \$ ) (Revenue \$ )
RESEARCH INSTITUTE FOR ADVANCED COMPUTER SCIENCE (RIACS) THE RIACS IS FOCUSED ON DEVELOPING THE NEXT GENERATION ENABLING TECHNOLOGIES THAT WILL FACILITATE BOTH HUMAN AND ROBOTIC SPACE EXPLORATION SINCE ITS INCEPTION IN 1983, THE INSTITUTE HAS CONDUCTED BASIC AND APPLIED COMPUTER SCIENCE RESEARCH ACROSS A VARIETY OF AEROSPACE-RELATED DISCIPLINES, INCLUDING SUPERCOMPUTING, COMPUTATIONAL FLUID DYNAMICS, COMPUTATIONAL CHEMISTRY, HIGH-PERFORMANCE NETWORKING, AND ARTIFICIAL INTELLIGENCE			

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

4d. Other program services			
(Code )	(Expenses \$ 3,269,975	including grants of \$ 6,440	(Revenue \$ )
THE ASSOCIATION IMPLEMENTED THE ARECIBO PROJECT IN THE 2011 FISCAL YEAR IT IS OPERATED BY SRI INTERNATIONAL UNDER A COOPERATIVE AGREEMENT WITH THE NATIONAL SCIENCE FOUNDATION AND IN ALLIANCE WITH ANA G MENDEZ, UNIVERIDAD METROPOLITANA AND UNIVERSITIES SPACE RESEARCH ASSOCIATION THE ARECIBO OBSERVATORY IS IN THE MUNICIPALITY OF ARECIBO, PUERTO RICO AND IS PREEMINENT FOR ITS RESEARCH IN ASTRONOMY, PLANETARY STUDIES, AND SPACE AND ATMOSPHERIC SCIENCES IT IS THE WORLD'S LARGEST AND MOST SENSITIVE SINGLE-DISH RADIO TELESCOPE THIS OBSERVATORY IS OPERATED BY SRI INTERNATIONAL, USRA AND UMET, UNDER A FIVE-YEAR COOPERATIVE AGREEMENT WITH THE NATIONAL SCIENCE FOUNDATION IT WILL LEVERAGE THEIR SCIENCE OPERATIONS AND MANAGEMENT EXPERIENCE TO ENHANCE AND DEVELOP OBSERVATORY CAPABILITIES IN RADIO ASTRONOMY			
(Code )	(Expenses \$ 17,128	including grants of \$	(Revenue \$ )
OTHER USRA MANAGES VARIOUS EFFORTS UNDER A VARIETY OF RELATIVELY SMALL CONTRACTS AND OTHER AGREEMENTS IN SUPPORT OF SCIENTIFIC AND EDUCATION PROJECTS			



SCHEDULE A  
(Form 990 or 990EZ)

Department of the Treasury  
Internal Revenue Service

Public Charity Status and Public Support

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

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

OMB No 1545-0047

2011

Open to Public  
Inspection

Name of the organization UNIVERSITIES SPACE RESEARCH ASSOCIATION	Employer identification number 52-0892064
---	--

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

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

- 1

☐

A church, convention of churches, or association of churches **section 170(b)(1)(A)(i).**
- 2

☐

A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E )
- 3

☐

A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4

☐

A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state
- 5

☐

An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II )
- 6

☐

A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7

☒

An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)** (Complete Part II )
- 8

☐

A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II )
- 9

☐

An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2).** (Complete Part III )
- 10

☐

An organization organized and operated exclusively to test for public safety See**section 509(a)(4).**
- 11

☐

An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2) See **section 509(a)(3).** Check the box that describes the type of supporting organization and complete lines 11e through 11h  

a

☐

Type I

b

☐

Type II

c

☐

Type III - Functionally integrated

d

☐

Type III - Other

e

☐

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

f

☐

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

g

☐

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

(i)

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

(ii)

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

(iii)

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

h

☐

Provide the following information about the supported organization(s)

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

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

Part II

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

Section A. Public Support

Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")	60,811,823	62,909,715	66,588,769	76,304,148	92,247,140	358,861,595
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3	60,811,823	62,909,715	66,588,769	76,304,148	92,247,140	358,861,595
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 Public Support. Subtract line 5 from line 4						358,861,595

Section B. Total Support

Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
7 Amounts from line 4	60,811,823	62,909,715	66,588,769	76,304,148	92,247,140	358,861,595
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	247,526	53,847	34,701	20,143	166,807	523,024
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income (Explain in Part IV ) Do not include gain or loss from the sale of capital assets	102,665	21,965				124,630
11 Total support (Add lines 7 through 10)						359,509,249

12 Gross receipts from related activities, etc (See instructions )

12

13 First Five Years If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and stop here

Section C. Computation of Public Support Percentage

14 Public Support Percentage for 2011 (line 6 column (f) divided by line 11 column (f))	14	99 820 %
15 Public Support Percentage for 2010 Schedule A, Part II, line 14	15	99 710 %

16a 33 1/3% support test—2011. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization

b 33 1/3% support test—2010. If the organization did not check the box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization

17a 10%-facts-and-circumstances test—2011. If the organization did not check a box on line 13, 16a, or 16b and line 14 is 10% or more, and if the organization meets the "facts and circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization

b 10%-facts-and-circumstances test—2010. If the organization did not check a box on line 13, 16a, 16b, or 17a and line 15 is 10% or more, and if the organization meets the "facts and circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization

18 Private Foundation If the organization did not check a box on line 13, 16a, 16b, 17a or 17b, check this box and see instructions

Part IIIPart III

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

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

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

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

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

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

Facts And Circumstances Test

Explanation

SCHEDULE C

(Form 990 or 990-EZ)

Department of the Treasury  
Internal Revenue Service

Political Campaign and Lobbying Activities

For Organizations Exempt From Income Tax Under section 501(c) and section 527

▶ **Complete if the organization is described below.**

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

OMB No 1545-0047

2011

Open to Public  
Inspection

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

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

If the organization answered “Yes,” to Form 990, Part IV, Line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then

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

If the organization answered “Yes,” to Form 990, Part IV, Line 5 (Proxy Tax) or Form 990-EZ, line 35c (Proxy Tax), then

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

Name of the organization UNIVERSITIES SPACE RESEARCH ASSOCIATION	Employer identification number  52-0892064
---	--

Part I-A

Complete if the organization is exempt under section 501(c) or is a section 527 organization.

- 1
- Provide a description of the organization's direct and indirect political campaign activities on behalf of or in opposition to candidates for public office in Part IV
- 2
- Political expenditures ▶ \$
- 3
- Volunteer hours

Part I-B

Complete if the organization is exempt under section 501(c)(3).

- 1
- Enter the amount of any excise tax incurred by the organization under section 4955 ▶ \$
- 2
- Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$
- 3
- If the organization incurred a section 4955 tax, did it file Form 4720 for this year? ☐ Yes ☐ No
- 4a
- Was a correction made? ☐ Yes ☐ No
- b
- If "Yes," describe in Part IV

Part I-C

Complete if the organization is exempt under section 501(c) except section 501(c)(3).

- 1
- Enter the amount directly expended by the filing organization for section 527 exempt function activities ▶ \$
- 2
- Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt funtion activities ▶ \$
- 3
- Total exempt function expenditures Add lines 1 and 2 Enter here and on Form 1120-POL, line 17b ▶ \$
- 4
- Did the filing organization file **Form 1120-POL** for this year? ☐ Yes ☐ No
- 5
- Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments For each organization listed, enter the amount paid from the filing organization's funds Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC) If additional space is needed, provide information in Part IV

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

Part II-A

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

- A

Check

☐

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

Check

☐

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

Limits on Lobbying Expenditures (The term "expenditures" means amounts paid or incurred.)		(a) Filing Organization's Totals	(b) Affiliated Group Totals												
1a Total lobbying expenditures to influence public opinion (grass roots lobbying)															
b Total lobbying expenditures to influence a legislative body (direct lobbying)		142,298													
c Total lobbying expenditures (add lines 1a and 1b)		142,298													
d Other exempt purpose expenditures		90,114,074													
e Total exempt purpose expenditures (add lines 1c and 1d)		90,256,372													
f Lobbying nontaxable amount Enter the amount from the following table in both columns		1,000,000													
<table><tr><td>If the amount on line 1e, column (a) or (b) is:</td><td>The lobbying nontaxable amount is:</td></tr><tr><td>Not over \$500,000</td><td>20% of the amount on line 1e</td></tr><tr><td>Over \$500,000 but not over \$1,000,000</td><td>\$100,000 plus 15% of the excess over \$500,000</td></tr><tr><td>Over \$1,000,000 but not over \$1,500,000</td><td>\$175,000 plus 10% of the excess over \$1,000,000</td></tr><tr><td>Over \$1,500,000 but not over \$17,000,000</td><td>\$225,000 plus 5% of the excess over \$1,500,000</td></tr><tr><td>Over \$17,000,000</td><td>\$1,000,000</td></tr></table>		If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:	Not over \$500,000	20% of the amount on line 1e	Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000	Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000	Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000	Over \$17,000,000	\$1,000,000		
If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:														
Not over \$500,000	20% of the amount on line 1e														
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000														
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000														
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000														
Over \$17,000,000	\$1,000,000														
g Grassroots nontaxable amount (enter 25% of line 1f)		250,000													
h Subtract line 1g from line 1a If zero or less, enter -0-		0													
i Subtract line 1f from line 1c If zero or less, enter -0-		0													
j If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?		<input type="checkbox"/> Yes <input type="checkbox"/> No													

4-Year Averaging Period Under Section 501(h)  
(Some organizations that made a section 501(h) election do not have to complete all of the five columns below. See the instructions for lines 2a through 2f on page 4.)

Lobbying Expenditures During 4-Year Averaging Period					
Calendar year (or fiscal year beginning in)	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) Total
2a Lobbying non-taxable amount	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
b Lobbying ceiling amount (150% of line 2a, column(e))					6,000,000
c Total lobbying expenditures	163,835	136,616	134,639	142,298	577,388
d Grassroots non-taxable amount	250,000	250,000	250,000	250,000	1,000,000
e Grassroots ceiling amount (150% of line 2d, column (e))					1,500,000
f Grassroots lobbying expenditures					

Part II-B

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

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

Part III-A

Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6).

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

Part III-B

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

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

Part IV

Supplemental Information

Complete this part to provide the descriptions required for Part I-A, line 1, Part I-B, line 4, Part I-C, line 5, and Part II-B, line 1i. Also, complete this part for any additional information.

Identifier	Return Reference	Explanation
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SCHEDULE D  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Supplemental Financial Statements

OMB No 1545-0047

2011

Open to Public Inspection

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

Attach to Form 990. See separate instructions.

Name of the organization  
UNIVERSITIES SPACE RESEARCH ASSOCIATION

Employer identification number  
52-0892064

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

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

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

1

Purpose(s) of conservation easements held by the organization (check all that apply)

☐ Preservation of land for public use (e g , recreation or pleasure)

☐ Preservation of an historically importantly land area

☐ Protection of natural habitat

☐ Preservation of a certified historic structure

☐ Preservation of open space

2

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

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

3

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

4

Number of states where property subject to conservation easement is located

5

Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?

Yes

No

6

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

7

Amount of expenses incurred in monitoring, inspecting, and enforcing conservation easements during the year

\$

8

Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and 170(h)(4)(B)(ii)?

Yes

No

9

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

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

1a

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

b

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

(i)

Revenues included in Form 990, Part VIII, line 1

\$

(ii)

Assets included in Form 990, Part X

\$

2

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

a

Revenues included in Form 990, Part VIII, line 1

\$

b

Assets included in Form 990, Part X

\$



Part III

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

3

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

a

☐ Public exhibition

b

☐ Scholarly research

c

☐ Preservation for future generations

d

☐ Loan or exchange programs

e

☐ Other

4

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

5

During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection?

☐ Yes

☐ No

Part IV

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

1a

Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?

☐ Yes

☐ No

b

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

	Amount
1c	
1d	
1e	
1f	

2a

Did the organization include an amount on Form 990, Part X, line 21?

☐ Yes

☐ No

b

If "Yes," explain the arrangement in Part XIV

Part V

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

	(a)Current Year	(b)Prior Year	(c)Two Years Back	(d)Three Years Back	(e)Four Years Back
1a	Beginning of year balance . . . . .				
b	Contributions . . . . .				
c	Investment earnings or losses . . . . .				
d	Grants or scholarships . . . . .				
e	Other expenditures for facilities and programs . . . . .				
f	Administrative expenses . . . . .				
g	End of year balance . . . . .				

2

Provide the estimated percentage of the year end balance held as

a

Board designated or quasi-endowment ▶

b

Permanent endowment ▶

c

Term endowment ▶

3a

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

(i)

unrelated organizations . . . . .

3a(i)

Yes

No

(ii)

related organizations . . . . .

3a(ii)

b

If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R? . . . . .

3b

4

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

Part VI

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

Description of property	(a) Cost or other basis (investment)	(b)Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land . . . . .		1,103,311		1,103,311
b Buildings . . . . .		4,179,293	3,224,348	954,945
c Leasehold improvements . . . . .		176,361	7,453	168,908
d Equipment . . . . .		3,980,306	1,939,080	2,041,226
e Other . . . . .				
Total. Add lines 1a-1e (Column (d) should equal Form 990, Part X, column (B), line 10(c).) . . . . . ▶				4,268,390



Part XI Reconciliation of Change in Net Assets from Form 990 to Financial Statements		
1	Total revenue (Form 990, Part VIII, column (A), line 12)	192,483,433
2	Total expenses (Form 990, Part IX, column (A), line 25)	290,256,371
3	Excess or (deficit) for the year Subtract line 2 from line 1	2,227,062
4	Net unrealized gains (losses) on investments	294,491
5	Donated services and use of facilities	
6	Investment expenses	
7	Prior period adjustments	
8	Other (Describe in Part XIV)	
9	Total adjustments (net) Add lines 4 - 8	294,491
10	Excess or (deficit) for the year per financial statements Combine lines 3 and 9	2,521,553

Part XII Reconciliation of Revenue per Audited Financial Statements With Revenue per Return		
1	Total revenue, gains, and other support per audited financial statements . . . . .	192,777,924
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12	
a	Net unrealized gains on investments . . . . .2a294,491	
b	Donated services and use of facilities . . . . .2b	
c	Recoveries of prior year grants . . . . .2c	
d	Other (Describe in Part XIV) . . . . .2d	
e	Add lines 2a through 2d . . . . .	2e294,491
3	Subtract line 2e from line 1 . . . . .	392,483,433
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1	
a	Investment expenses not included on Form 990, Part VIII, line 7b . . . . .4a	
b	Other (Describe in Part XIV) . . . . .4b	
c	Add lines 4a and 4b . . . . .	4c0
5	Total Revenue Add lines 3 and 4c. (This should equal Form 990, Part I, line 12 ) . . . . .	592,483,433

Part XIII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return		
1	Total expenses and losses per audited financial statements . . . . .	190,256,371
2	Amounts included on line 1 but not on Form 990, Part IX, line 25	
a	Donated services and use of facilities . . . . .2a	
b	Prior year adjustments . . . . .2b	
c	Other losses . . . . .2c	
d	Other (Describe in Part XIV) . . . . .2d	
e	Add lines 2a through 2d . . . . .	2e0
3	Subtract line 2e from line 1 . . . . .	390,256,371
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:	
a	Investment expenses not included on Form 990, Part VIII, line 7b . . . . .4a	
b	Other (Describe in Part XIV) . . . . .4b	
c	Add lines 4a and 4b . . . . .	4c0
5	Total expenses Add lines 3 and 4c. (This should equal Form 990, Part I, line 18 ) . . . . .	590,256,371

Part XIV Supplemental Information

Complete this part to provide the descriptions required for Part II, lines 3, 5, and 9, Part III, lines 1a and 4, Part IV, lines 1b and 2b, Part V, line 4, Part X, Part XI, line 8, Part XII, lines 2d and 4b, and Part XIII, lines 2d and 4b. Also complete this part to provide any additional information.

Identifier	Return Reference	Explanation
DESCRIPTION OF UNCERTAIN TAX POSITIONS UNDER FIN 48	PART X	ASC 740, INCOME TAXES (ASC 740), PRESCRIBES A RECOGNITION THRESHOLD AND A MEASUREMENT ATTRIBUTE FOR THE FINANCIAL STATEMENT RECOGNITION AND MEASUREMENT OF TAX POSITIONS TAKEN OR EXPECTED TO BE TAKEN IN A TAX RETURN. FOR THOSE BENEFITS TO BE RECOGNIZED, A TAX POSITION MUST BE MORE-LIKELY-THAN-NOT TO BE SUSTAINED UPON EXAMINATION BY TAXING AUTHORITIES. THE ORGANIZATION CONTINUES TO REMAIN SUBJECT TO EXAMINATION BY U.S. FEDERAL AUTHORITIES FOR THE YEARS 2008 THROUGH 2012. THE ORGANIZATION RECOGNIZES INTEREST AND PENALTIES ACCRUED ON ANY UNRECOGNIZED TAX EXPOSURE AS A COMPONENT OF INCOME TAX EXPENSE. THE ORGANIZATION DOES NOT HAVE ANY AMOUNTS ACCRUED RELATING TO INTEREST AND PENALTIES AS OF SEPTEMBER 30, 2012 AND 2011.

Schedule I  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Name of the organization  
UNIVERSITIES SPACE RESEARCH ASSOCIATION

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

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

OMB No 1545-0047

2011

Open to Public  
Inspection

Employer identification number  
52-0892064

Part I

General Information on Grants and Assistance

- 1

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

☒ Yes ☐ No
- 2

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

Part II

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

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

2

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

3

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

**Part III**

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

(a)Type of grant or assistance	(b)Number of recipients	(c)Amount of cash grant	(d)Amount of non-cash assistance	(e)Method of valuation (book, FMV, appraisal, other)	(f)Description of non-cash assistance
(1) STIPENDS FOR PROGRAM ACTIVITIES	3878	7,496,295			

**Part IV**

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

Identifier	Return Reference	Explanation
PROCEDURE FOR MONITORING GRANTS IN THE U S	PART I, LINE 2	SCHEDULE I, PART I, LINE 2 THE ASSOCIATION DISTRIBUTES SCHOLARSHIPS AND AWARDS TO STUDENTS WHO MEET THE CRITERIA SET OUT IN THE PROGRAM THERE IS NO ADDITIONAL MONITORING REQUIRED

Schedule J  
(Form 990)

Compensation Information

OMB No 1545-0047

2011

Open to Public Inspection

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

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

▶ Attach to Form 990. ▶ See separate instructions.

Name of the organization

UNIVERSITIES SPACE RESEARCH ASSOCIATION

Employer identification number

52-0892064

Part I

Questions Regarding Compensation

		Yes	No
1a	Check the appropriate box(es) if the organization provided any of the following to or for a person listed in Form 990, Part VII, Section A, line 1a Complete Part III to provide any relevant information regarding these items		
	<div><div><input checked="" type="checkbox"/> First-class or charter travel</div><div><input checked="" type="checkbox"/> Housing allowance or residence for personal use</div></div>		
	<div><div><input checked="" type="checkbox"/> Travel for companions</div><div><input type="checkbox"/> Payments for business use of personal residence</div></div>		
	<div><div><input checked="" type="checkbox"/> Tax idemnification and gross-up payments</div><div><input type="checkbox"/> Health or social club dues or initiation fees</div></div>		
	<div><div><input type="checkbox"/> Discretionary spending account</div><div><input type="checkbox"/> Personal services (e g , maid, chauffeur, chef)</div></div>		
b	If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all the expenses described above? If "No," complete Part III to explain	1b	Yes
2	Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all officers, directors, trustees, and the CEO/Executive Director, regarding the items checked in line 1a?	2	Yes
3	Indicate which, if any, of the following the organization uses to establish the compensation of the organization's CEO/Executive Director Check all that apply		
	<div><div><input checked="" type="checkbox"/> Compensation committee</div><div><input checked="" type="checkbox"/> Written employment contract</div></div>		
	<div><div><input checked="" type="checkbox"/> Independent compensation consultant</div><div><input checked="" type="checkbox"/> Compensation survey or study</div></div>		
	<div><div><input type="checkbox"/> Form 990 of other organizations</div><div><input checked="" type="checkbox"/> Approval by the board or compensation committee</div></div>		
4	During the year, did any person listed in Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization		
a	Receive a severance payment or change-of-control payment?	4a	No
b	Participate in, or receive payment from, a supplemental nonqualified retirement plan?	4b	Yes
c	Participate in, or receive payment from, an equity-based compensation arrangement?	4c	No
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III		
	Only 501(c)(3) and 501(c)(4) organizations only must complete lines 5-9.		
5	For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of		
a	The organization?	5a	Yes
b	Any related organization?	5b	No
	If "Yes," to line 5a or 5b, describe in Part III		
6	For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of		
a	The organization?	6a	No
b	Any related organization?	6b	No
	If "Yes," to line 6a or 6b, describe in Part III		
7	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III	7	No
8	Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regs section 53 4958-4(a)(3)? If "Yes," describe in Part III	8	No
9	If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53 4958-6(c)?	9	

**Part II** **Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees.** Use Schedule J-1 if additional space needed.

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

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

(A) Name		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation reported in prior Form 990 or Form 990-EZ
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
(1) DR FREDERICK TARANTINO	(i) (ii)	302,695 0	225,000 0	91,702 0	25,000 0	8,154 0	652,551 0	0 0
(2) KARIN HILSER	(i) (ii)	178,316 0	40,000 0	1,702 0	20,152 0	3,283 0	243,453 0	0 0
(3) ERICK YOUNG	(i) (ii)	234,462 0	40,000 0	1,702 0	24,500 0	8,161 0	308,825 0	0 0
(4) STEPHEN J MACKWELL	(i) (ii)	228,041 0	32,500 0	1,702 0	24,500 0	6,402 0	293,145 0	0 0
(5) DONALD KNIFFEN	(i) (ii)	194,389 0	40,000 0	1,702 0	21,385 0	1,285 0	258,761 0	0 0
(6) PHIL MACKLIN	(i) (ii)	169,641 0	37,500 0	1,702 0	10,652 0	9,433 0	228,928 0	0 0
(7) HELEN HALL	(i) (ii)	238,624 0	107,000 0	1,702 0	24,500 0	3,283 0	375,109 0	0 0
(8) DAVID BELL	(i) (ii)	213,944 0	26,400 0	1,702 0	23,311 0	9,433 0	274,790 0	0 0
(9) STEVE HOWE	(i) (ii)	208,471 0	7,800 0	1,702 0	21,574 0	8,161 0	247,708 0	0 0
(10) ERICK BECKLIN	(i) (ii)	208,693 0	20,000 0	1,702 0	21,675 0	0 0	252,070 0	0 0
(11) ALAN MARCHANT	(i) (ii)	177,072 0	40,000 0	1,702 0	20,634 0	8,161 0	247,569 0	0 0

**Part III**   **Supplemental Information**

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

Identifier	Return Reference	Explanation
	PART I, LINE 1A	WHEN EMPLOYEES HAVE TEMPORARY DUTY ASSIGNMENTS AWAY FROM THEIR PRIMARY RESIDENCES, THE ASSOCIATION PROVIDES A HOUSING ALLOWANCE OR RESIDENCE FOR PERSONAL USE AS WELL AS TRAVEL FOR COMPANIONS. THESE COSTS ARE REIMBURSED TO THE EMPLOYEE AT AN AMOUNT THAT IS GROSSED-UP TO COVER THE INCREASED TAX BURDEN. THE ASSOCIATION THEN WITHHOLDS THE APPROPRIATE LEVEL OF TAX AND INCLUDES IT IN THE EMPLOYEE'S TAXABLE INCOME.
	PART I, LINE 4B	THE ASSOCIATION PROVIDES A NONQUALIFIED DEFERRED COMPENSATION PLAN (457F) FOR ITS PRESIDENT. A CONTRIBUTION FOR THE PRESIDENT WAS MADE BY THE ASSOCIATION TO THIS PLAN DURING THE CALENDAR YEAR 2011 IN THE AMOUNT OF \$90,000.
	PART I, LINE 5	THE ASSOCIATION PROVIDES TO THE PRESIDENT INCENTIVE COMPENSATION BASED ON THE REVENUE OF THE ORGANIZATION.



SCHEDULE O  
(Form 990 or 990-EZ)

Department of the Treasury  
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

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

OMB No 1545-0047

2011

Open to Public  
Inspection

Name of the organization  
UNIVERSITIES SPACE RESEARCH ASSOCIATION

Employer identification number  
52-0892064

Identifier	Return Reference	Explanation
NEW PROGRAM SERVICES	FORM 990, PART III, LINE 2	THE ASSOCIATION IMPLEMENTED THE ARECIBO PROJECT IN THE 2011 FISCAL YEAR IT IS OPERATED BY SRI INTERNATIONAL UNDER A COOPERATIVE AGREEMENT WITH THE NATIONAL SCIENCE FOUNDATION AND IN ALLIANCE WITH ANA G MENDEZ, UNIVERIDAD METROPOLITANA AND UNIVERSITIES SPACE RESEARCH ASSOCIATION
	FORM 990, PART VI, SECTION A, LINE 6	USRA HAS MEMBERS THAT ARE COMPRISED OF THE MEMBER UNIVERSITIES
	FORM 990, PART VI, SECTION A, LINE 7A	A COUNCIL, WHICH IS COMPOSED OF A REPRESENTATIVE FROM EACH MEMBER INSTITUTION, OVERSEES THE BOARD OF TRUSTEES AND IS RESPONSIBLE FOR VOTING FOR MEMBERS OF THE BOARD OF TRUSTEES
	FORM 990, PART VI, SECTION A, LINE 7B	THE BOARD OF TRUSTEES, WHICH IS COMPOSED OF REPRESENTATIVES ELECTED FROM MEMBER INSTITUTIONS AND AT LARGE MEMBERS INCLUDING A QUALIFIED FINANCIAL EXPERT, ARE DELEGATED ALL AUTHORITIES FROM THE MEMBERS EXCEPT MODIFYING BY-LAWS AND ELECTING NEW TRUSTEES
	FORM 990, PART VI, SECTION B, LINE 11	THE DRAFT FORM 990 IS REVIEWED WITH THE AUDIT COMMITTEE AND PROVIDED TO THE GOVERNING BODY BEFORE SUBMISSION THE DOCUMENT IS POSTED ON A PASSWORD-PROTECTED INTERNAL WEB PAGE FOR BOARD REVIEW PRIOR TO FILING
	FORM 990, PART VI, SECTION B, LINE 12C	AT THE BEGINNING OF EACH BOARD OF TRUSTEES MEETING, THE BOARD REVIEWS USRA'S CONFLICT OF INTEREST POLICY AND EACH TRUSTEE PRESENT SUBMITS A CONFLICT OF INTEREST DISCLOSURE FORM THE CONFLICT OF INTEREST POLICY IS APPLICABLE TO EMPLOYEES
	FORM 990, PART VI, SECTION B, LINE 15	AN OUTSIDE COMPENSATION CONSULTANT IS HIRED TO COMPARE THE COMPENSATION OF TOP MANAGEMENT AND KEY EMPLOYEES TO NATIONAL, NOT-FOR-PROFIT SURVEY DATA PROVIDED BY WATSON AND WYATT
	FORM 990, PART VI, SECTION C, LINE 19	THE ASSOCIATION MAKES ITS GOVERNING DOCUMENTS, CONFLICT OF INTEREST POLICY, AND FINANCIAL STATEMENTS AVAILABLE TO THE PUBLIC UPON REQUEST
CHANGES IN NET ASSETS OR FUND BALANCES	FORM 990, PART XI, LINE 5	NET UNREALIZED GAINS ON INVESTMENTS 294,491
	FORM 990, PART XII, LINE 2C	THIS PROCESS HAS NOT CHANGED FROM THE PRIOR YEAR

SCHEDULE R  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Related Organizations and Unrelated Partnerships

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

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization  
UNIVERSITIES SPACE RESEARCH ASSOCIATION

Employer identification number  
52-0892064

Part I

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

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

Part II

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

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled organization	
						Yes	No
(1) USRA VOLUNTARY EMPLOYEE BENEFITS ASSOCIATION (VEBA)  10211 WINCOPIN CIRCLE  COLUMBIA, MD 21045 52-6853833	POST-RETIREMENT MEDICAL BENEFITS TO ELIGIBLE EMPLOYEES	MD	501(C)9	N/A	N/A		No

Part III

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

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

Part IV

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

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

Part V

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

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

1

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

a

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

b

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

c

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

d

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

e

Loans or loan guarantees by related organization(s)

f

Sale of assets to related organization(s)

g

Purchase of assets from related organization(s)

h

Exchange of assets with related organization(s)

i

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

j

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

k

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

l

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

m

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

n

Sharing of paid employees with related organization(s)

o

Reimbursement paid to related organization(s) for expenses

p

Reimbursement paid by related organization(s) for expenses

q

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

r

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

Yes

No

1a

1b

1c

1d

1e

1f

1g

1h

1i

1j

1k

1l

1m

1n

1o

1p

1q

1r

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

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

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

Schedule R (Form 990) 2011

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

[illegible]

Part VII

Supplemental Information

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

Identifier	Return Reference	Explanation	
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Additional Data

Software ID:  
Software Version:  
EIN: 52-0892064  
Name: UNIVERSITIES SPACE RESEARCH ASSOCIATION

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

4d. Other program services				
(Code	) (Expenses \$	5,383,552	including grants of \$	62,954 ) (Revenue \$
NATIONAL SPACE SCIENCE AND TECHNOLOGY CENTER (NSSTC) THE DIVISION OF EARTH SCIENCES SUPPORTS NASA'S RESEARCH TO SEEK A BETTER UNDERSTANDING OF THE GLOBAL HYDROLOGIC CYCLE AND ITS INTERACTION WITH CLIMATE VARIABILITY USRA IS ASSISTING WITH THE INTEGRATION OF RESEARCH PROGRAMS WITH THE EDUCATIONAL NEEDS OF CLIMATE AND GLOBAL CHANGE SCIENCE CURRICULA AT THE COLLEGE AND PRE-COLLEGE LEVELS TO COMMUNICATE THE IMPORTANCE AND CHALLENGES RELATING TO THE INTERACTIONS OF THE HYDROLOGIC CYCLE WITH CLIMATE AND CLIMATE VARIABILITY				
(Code	) (Expenses \$	3,894,103	including grants of \$	) (Revenue \$
EXPLORATION SYSTEMS TECHNOLOGY RESEARCH SUPPORTS RESEARCH FOR NASA GLENN RESEARCH CENTER'S EXPLORATION SYSTEMS (NCSE) TECHNOLOGY DEVELOPMENT PROGRAMS AND PROVIDES SUPPORT FOR ISS MICROGRAVITY RESEARCH THIS PROGRAM INVOLVES THE DEVELOPMENT OF ENABLING TECHNOLOGIES FOR SPACE EXPLORATION WITH EMPHASIS ON REDUCED GRAVITY APPLICATIONS OF FLUIDS SYSTEMS AND FIRE SAFETY AND PERFORMS CRITICAL PATH RESEARCH IN FLUIDS AND COMBUSTION IN SUPPORT OF NASA'S SPACE EXPLORATION PROGRAM AND RELATED NATIONAL INITIATIVES				

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

4d. Other program services			
(Code )	(Expenses \$ 1,115,229	including grants of \$ 951,126 )	(Revenue \$ )
UNDERGRADUATE STUDENT RESEARCH PROGRAM (USRP) USRP IS AN INTERNSHIP PROGRAM THAT OFFERS NASA RESEARCH AND DEVELOPMENT OPPORTUNITIES USRP OFFERS INTERNSHIPS IN ENGINEERING, SCIENCE, AND MATHEMATICS THAT GIVE STUDENTS THE ULTIMATE STEM WORKFORCE PREPARATORY EXPERIENCE THE USRP PROGRAM CONSISTS OF A 10-15 WEEK RESEARCH EXPERIENCE AT A PARTICIPATING NASA CENTER UNDER THE SUPERVISION OF A NASA TECHNICAL MENTOR			
(Code )	(Expenses \$ 8,809,181	including grants of \$ 5,607,003 )	(Revenue \$ )
EDUCATION PROGRAMS (EAP & EPO) THE EDUCATION PROGRAM'S OFFICE PRIMARILY SUPPORTS NASA'S EFFORTS TO EXPAND EDUCATIONAL OPPORTUNITIES FOR STUDENTS IN AEROSPACE ENGINEERING AND THE SPACE SCIENCES, AS WELL AS ENCOURAGING YOUNG STUDENTS TO STAY IN SCHOOL AND PURSUE CAREERS IN SCIENCE, ENGINEERING, AND BUSINESS			