For Paperwork Reduction Act Notice, see the separate instructions.

Form **990**

Department of the

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

▶ Do not enter social security numbers on this form as it may be made public.

► Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

DLN: 93493054015562

2020

Open to Public

		enue Service						Inspection
A F	or th	ne 2020 ca I		nning 10-01-2020 , and ending	09-30-2021	1		
		applicable:	C Name of organization CENTER FOR THE ADVANCEMENT O	F		D Employ	er identific	cation number
☐ Address change ☐ Name change			SCIENCE IN SPACE INC			27-541	0763	
□ In			Doing business as					
		rn/terminated ed return	Number and street (or P.O. box if m	nail is not delivered to street address) R	oom/suite	E Telephor	ne number	
		ion pending	6905 N WICKHAM ROAD NO 500	iam is not delivered to stroot dual ess)	John, Julie	(321) 7	57-6118	
			City or town, state or province, cou	ntry, and ZIP or foreign postal code				
			MELBOURNE, FL 32940			G Gross re	ceipts \$ 12,	.149,207
			F Name and address of principal RAMON RAY LUGO	al officer:	H(a) Is this	a group re	turn for	
			6905 N WICKHAM ROAD SUITE	500	subor H(b) Are al	dinates? Leubordinat	ter	□Yes ☑No
	V 0V0	mpt status:	MELBOURNE, FL 32940		` includ		.63	☐ Yes ☐No
			№ 501(c)(3)	(insert no.) 4947(a)(1) or				nstructions)
J W	ebsi	te:► WW	W.ISSNATIONALLAB.ORG		H(c) Group	exemption	number P	•
K For	n of c	organization:	☑ Corporation ☐ Trust ☐ Asso	ociation Other ►	L Year of forma	ation: 2011	M State of	f legal domicile: FL
P	art I	Sumi	mary					
			cribe the organization's mission o		ATTONAL LABORATO	.		
ce		CASIS MAI	NAGES, PROMOTES, AND BROKE	RS RESEARCH FOR THE ISS U.S. N.	ATTONAL LABORATOR	Χ1.		
Jan								
Governance		Charlethi	a hay 🏲 🗍 if the augustantion di	scontinued its operations or dispose	-d -f th 250/	-6:tt -		
ે				ng body (Part VI, line 1a)			3	7
න්	4	Number o	of independent voting members of	f the governing body (Part VI, line :	1b)		4	
Activities &	5	Total nun	nber of individuals employed in ca	alendar year 2020 (Part V, line 2a)			5	61
\$	6	Total num	nber of volunteers (estimate if ne	cessary)			6	5
ĕ	7a	Total unr	elated business revenue from Par	t VIII, column (C), line 12			7a	C
	b	Net unrel	ated business taxable income from	m Form 990-T, line 39		•	7b	(
						or Year		Current Year
đi.	1)		14,370,	874	12,049,120
Ravenue	1)	·		113	95,02
ά.	1		, , , , , , , , , , , , , , , , , , , ,	lines 3, 4, and 7d)			282	1,34
	1		enue (Part VIII, column (A), lines		12)	14,427,	857	3,71 ⁴ 12,149,20
	_		enue—add lines 8 through 11 (mi id similar amounts paid (Part IX, d	ust equal Part VIII, column (A), line	12)	4,597,		3,278,489
	1		paid to or for members (Part IX, c			4,357,	0	3,276,46
S	1		, ,	enefits (Part IX, column (A), lines 5	-10)	7,602,	203	6,566,84
Expenses	1	•	nal fundraising fees (Part IX, colu	* * * * * * * * * * * * * * * * * * * *		.,,	0	
D 06	Ι.		aising expenses (Part IX, column (D),	, ,,				
Д	17	Other exp	penses (Part IX, column (A), lines	11a-11d, 11f-24e)		2,162,	940	2,406,476
	18	Total exp	enses. Add lines 13–17 (must equ	ual Part IX, column (A), line 25)		14,362,	262	12,251,810
	19	Revenue	less expenses. Subtract line 18 fr	om line 12		64,	864	-102,603
Net Assets or Fund Balances					Beginning	of Current Y	'ear	End of Year
sets	20	Total asse	ets (Part X, line 16)			3,290,	268	3,267,48
A As	1		ilities (Part X, line 26)		· . 	878,		958,196
şĒ	1		s or fund balances. Subtract line		-	2,411,		2,309,28
Pa	art II	Signa	ature Block					
				nined this return, including accompa e. Declaration of preparer (other the				
		edge.	i, it is true, correct, and complete	e. Declaration of preparer (other the	an officer) is based o	ii aii iiiioiiii	acion or wi	ilich preparer has
			:		202	2.02.16		
Sign			re of officer			2-02-16 e		
Here		LONATI	HAN BOBBITT CPA FINANCE MANAGER					
			r print name and title					
		P	rint/Type preparer's name	Preparer's signature	Date Cho		PTIN	
Pai	d	L				ck LJ if -employed	P00124238	
Pre	par	er F	rm's name	M LLC	Firr	n's EIN ► 72	-1396621	
Use	Jse Only		rm's address ▶ 215 BAYTREE DRIVE		Pho	ne no. (321)	255-0088	
			MELBOURNE, FL 3294	10				
May t	he IF	RS discuss	this return with the preparer sho	wn above? (see instructions) .			 ✓ Y €	es 🗆 No

Cat. No. 11282Y

Form **990** (2020)

orm	990 (2020)				Page 2
Pa	rt III Statemen	t of Program Service Ac	complishments		
	Check if Sch	nedule O contains a response or	note to any line in this Part III .		🗆
L	Briefly describe the	organization's mission:			
ISS		SCIENTIFIC DISCOVERY AND T		OOPERATIVE AGREEMENT NO. 803S SPACE, EXPAND U.S. LEADERSHIP	
2	Did the organizatio	n undertake any significant pro	gram services during the year wh	nich were not listed on	
	the prior Form 990	or 990-EZ?			🗌 Yes 🗹 No
	If "Yes," describe the	hese new services on Schedule	0.		
3	Did the organizatio	n cease conducting, or make si	gnificant changes in how it condu	cts, any program	
	services? If "Yes," describe the time of the services of	hese changes on Schedule O.			☐ Yes 🗹 No
4	Describe the organ Section 501(c)(3) a	ization's program service accor	required to report the amount o	largest program services, as measu f grants and allocations to others, tl	
la	(Code: See Additional Data) (Expenses \$	9,166,730 including grants of \$	3,278,489) (Revenue \$	95,021)
ŀЬ	(Code:) (Expenses \$	including grants of \$) (Revenue \$)
ŀc	(Code:) (Expenses \$	including grants of \$) (Revenue \$)
łd	Other program ser (Expenses \$	vices (Describe in Schedule O.) including	grants of \$) (Revenue \$)
1e	Total program se	rvice expenses >	9.166.730		

16

17

18

19

Nο

Nο

Nο

Nο

Nο

Nο

15

16

17

18

19

20a

20b

21

Yes

Form **990** (2020)

Par	TIV 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 $^{\bullet}$	te 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 candidate for public office? If "Yes," complete Schedule C, Part I	tes 3		No
4	Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II</i>	4		No
5	Is the organization a section $501(c)(4)$, $501(c)(5)$, or $501(c)(6)$ organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III	5		No
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the rito provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part	ight 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? <i>If "Yes," complete Schedule D,</i> Part III	8		No
9	Did the organization report an amount in Part X, line 21 for escrow or custodial account liability; serve as a custodia 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	n 9		No
10	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi endowments? <i>If "Yes," complete Schedule D, Part V</i>	10		No
11	If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VIII, VIII or X as applicable.	, IX,		
	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 t assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII 🕏	otal 11b		No
	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 2	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 report in Part X, line 16? If "Yes," complete Schedule D, Part IX 2	11d		No
е	Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	11e		No
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that address the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X	AR 1	Yes	
12a	Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i>	. 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 and XII 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, Parts I and IV	14b		No

Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any

Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to

Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX,

Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII,

Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes,"

Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic

government on Part IX, column (A), line 1? If "Yes," complete Schedule I, Parts I and II

foreign organization? If "Yes," complete Schedule F, Parts II and IV

column (A), lines 6 and 11e? If "Yes," complete Schedule G, Part I(see instructions)

20a Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H

b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?

or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV . . .

rm :	990 (2020)			Page 4
Parl	Checklist of Required Schedules (continued)			
_			Yes	No
	Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? If "Yes," complete Schedule I, Parts I and III	22		No
	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? If "Yes," complete Schedule J	23	Yes	
	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? If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a	24a		No
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b		
	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		
	Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? If "Yes," complete Schedule L, Part I	25a		No
	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? If "Yes," complete Schedule L, Part I	25b		No
	Did the organization report any amount on Part X, line 5 or 22 for receivables from or payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons? If "Yes," complete Schedule L, Part II	26		No
	Did the organization provide a grant or other assistance to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or employee thereof, a grant selection committee member, or to a 35% controlled entity (including an employee thereof) or family member of any of these persons? <i>If "Yes," complete Schedule L,</i> Part III	27		No
	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):			
а	A current or former officer, director, trustee, key employee, creator or founder, or substantial contributor? If "Yes," complete Schedule L, Part IV	28a		No
b	A family member of any individual described in line 28a? If "Yes," complete Schedule L, Part IV	28b		No
С	A 35% controlled entity of one or more individuals and/or organizations described in lines 28a or 28b? If "Yes," complete Schedule L, Part IV	28c		No
•	Did the organization receive more than \$25,000 in non-cash contributions? If "Yes," complete Schedule M	29		No
	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? If "Yes," complete Schedule M	30		No
L	Did the organization liquidate, terminate, or dissolve and cease operations? If "Yes," complete Schedule N, Part I	31		No
2	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? If "Yes," complete Schedule N, Part II	32		No
3	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? If "Yes," complete Schedule R, Part I	33		No
1	Was the organization related to any tax-exempt or taxable entity? If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1	34		No
ia	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a		No
b	If 'Yes' to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section $512(b)(13)$? If "Yes," complete Schedule R, Part V, line 2	35b		
•	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>	36		No
	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? If "Yes," complete Schedule R, Part VI	37		No
В	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O	38	Yes	
Par				
	Check if Schedule O contains a response or note to any line in this Part V	 ;	Yes	⊔ No
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable 1a 85		1 45	NO
	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable . 1b 0			

1c

Yes

	Statements Berneling Other IDC Filings and Toy Compliance (continued)			Page 5
	Statements Regarding Other IRS Filings and Tax Compliance (continued)			
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			
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)	2b	Yes	
3а	Did the organization have unrelated business gross income of \$1,000 or more during the year?	3a		No
b	If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation in Schedule O	3b		
	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)? If "Yes," enter the name of the foreign country:	4a		No
	See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).			
	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5a		No
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5b		No ———
	If "Yes," to line 5a or 5b, did the organization file Form 8886-T?	5c		
	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?	6a		No
	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b		
	Organizations that may receive deductible contributions under section 170(c).			
	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?			No
	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b		
	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c		No
d	If "Yes," indicate the number of Forms 8282 filed during the year			
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e		No
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f		No
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g		No
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h		No
8	Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?	8		
9	Sponsoring organizations maintaining donor advised funds.			
а	Did the sponsoring organization make any taxable distributions under section 4966?	9a		
b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?	9b		
10	Section 501(c)(7) organizations. Enter:			
а	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			
b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them.)			
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.			
13	Section 501(c)(29) qualified nonprofit health insurance issuers.			
	Is the organization licensed to issue qualified health plans in more than one state?	13a		
	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans			
	Enter the amount of reserves on hand	_		N.
	Did the organization receive any payments for indoor tanning services during the tax year?	14a		No
	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O	14b		
	Is the organization subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? If "Yes," see instructions and file Form 4720, Schedule N. Is the expansionation or excess parachute the section 4968 excise tax on not investment income?	15		No
16	Is the organization an educational institution subject to the section 4968 excise tax on net investment income? If "Yes," complete Form 4720, Schedule O.	16		No

Pai	t VI	Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions. Check if Schedule O contains a response or note to any line in this Part VI	" resp	onse to	lines
Se	ction	A. Governing Body and Management			
				Yes	No
1a	If the	the number of voting members of the governing body at the end of the tax year 7 re are material differences in voting rights among members of the governing or if the governing body delegated broad authority to an executive committee or			
b		the number of voting members included in line 1a, above, who are independent			
2		ny officer, director, trustee, or key employee have a family relationship or a business relationship with any other			
	office	r, director, trustee, or key employee?	2		No
3	of offi	icers, directors or trustees, or key employees to a management company or other person? .	3		No
4		ne organization make any significant changes to its governing documents since the prior Form 990 was filed? .	4		No
5		ne organization become aware during the year of a significant diversion of the organization's assets?	5		No
6		ne organization have members or stockholders?	6		No
	meml	ne organization have members, stockholders, or other persons who had the power to elect or appoint one or more bers of the governing body?	7a		No
b	perso	ny governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or ins other than the governing body?	7b		No
8		ne organization contemporaneously document the meetings held or written actions undertaken during the year by ollowing:			
а	The g	overning body?	8 a	Yes	
b	Each	committee with authority to act on behalf of the governing body?	8 b	Yes	
9		ere any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the nization's mailing address? If "Yes," provide the names and addresses in Schedule O	9		No
Se	ction	B. Policies (This Section B requests information about policies not required by the Internal Revenue	Code	∍.)	
				Yes	No
		ne organization have local chapters, branches, or affiliates?	10a		No
b		is," did the organization have written policies and procedures governing the activities of such chapters, affiliates, branches to ensure their operations are consistent with the organization's exempt purposes?	10b		
11a	Has tl form?	he organization provided a complete copy of this Form 990 to all members of its governing body before filing the	11a	Yes	
b	Descr	ibe in Schedule O the process, if any, used by the organization to review this Form 990			
12a	Did th	ne organization have a written conflict of interest policy? If "No," go to line 13	12a	Yes	
b		officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to cts?	12b	Yes	
С	Did th	ne organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in dule O how this was done	12c	Yes	
13	Did th	ne organization have a written whistleblower policy?	13	Yes	
14	Did th	ne organization have a written document retention and destruction policy?	14	Yes	
15		ne process for determining compensation of the following persons include a review and approval by independent ins, comparability data, and contemporaneous substantiation of the deliberation and decision?			
а	The o	rganization's CEO, Executive Director, or top management official	15a	Yes	
b	Other	officers or key employees of the organization	15b	Yes	
	If "Ye	s" to line 15a or 15b, describe the process in Schedule O (see instructions).			
16a		ne organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a le entity during the year?	16a		No
b		s," did the organization follow a written policy or procedure requiring the organization to evaluate its participation nt venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt			
	status	s with respect to such arrangements?	16b		
		C. Disclosure			
17		ne states with which a copy of this Form 990 is required to be filed			
18	only)	on 6104 requires an organization to make its Form 1023 (or 1024-A if applicable), 990, and 990-T (501(c)(3)s available for public inspection. Indicate how you made these available. Check all that apply.			
10		Own website Another's website Upon request Other (explain in Schedule O)			
19	policy	ribe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest y, and financial statements available to the public during the tax year.			
20		the name, address, and telephone number of the person who possesses the organization's books and records: EPH H HASTINGS CPA 6905 N WICKHAM ROAD SUITE 500 MELBOURNE, FL 32940 (321) 757-6118	-	orm 99	0 (202

Part VII

Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees,

and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part $\mbox{\rm VII}\,$.

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

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

or reportable compensation from the organization	i allu ally relate	eu orgai	IIZati	JII5.						
• List all of the organization's former director organization, more than \$10,000 of reportable co										
See instructions for the order in which to list the	persons above.									
Check this box if neither the organization no	r any related or	ganizat	ion co	omp	ens	ated a	any o	current officer, dire	ctor, or trustee.	
(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check mother than one box, an officer see) Highest compensated A director/trustee) Highest compensated Institutional Trustee or director				eck m Inless office ustee	ore er	(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
			or			led bear				
(1) ELIZABETH R CANTWELL DIRECTOR	8.00	X						0	0	0
(2) ERIC D ISAACS DIRECTOR	8.00	х						0	0	0
(3) GALE J ALLEN DIRECTOR	8.00	Х						0	0	0
(4) IOANNIS MIAOULIS DIRECTOR	8.00	Х						0	0	0
(5) JAMES A PAWELCZYK DIRECTOR	8.00	X						0	0	0
(6) MICHAEL H MOLONEY DIRECTOR	8.00	X						0	0	0
(7) STEVEN L SMITH DIRECTOR	8.00	X						0	0	0
(8) JOSEPH H HASTINGS TREASURER & FINANCE DIRECT	50.00			X				143,051	0	35,389
(9) KENNETH SHIELDS CHIEF OPERATING OFFICER	50.00			х				198,710	0	50,242
(10) MELODY KUEHNER SECRETARY & DIRECTOR OF HR	50.00			х				185,648	0	50,040
(11) RAMON RAY LUGO	50.00									

(11) RAMON RAY LUGO 0 0 PRESIDENT & ACTING CEO AS OF 9/15/21 50.00 (12) CHRISTINE KRETZ 197,656 0 11,859 VICE PRESIDENT OF COMMERCI 50.00 (13) MICHAEL ROBERTS Х 186,910 0 48,540 VICE PRESIDENT OF SCIENCE 50.00 (14) RICHARD LEACH 169,057 0 10,357 CHIEF STRATEGIC OFFICER 50.00 (15) SVEN EENMAA Х 157,950 0 9.477 DIRECTOR, INVESTMENT AND ECONOMIC ANALYSIS 50.00 (16) KENNETH SAVIN Х 157,500 0 9,454 SENIOR PROGRAM DIRECTOR 50.00 (17) JOSEPH G VOCKLEY Χ 299,758 0 15,236 FORMER PRESIDENT & CEO Form **990** (2020) Part VII

Form **990** (2020)

Page 8

				<u> </u>	<u> </u>	<u> </u>				•	· · · · ·			
	hours per than one box, unless person cor week (list is both an officer and a any hours director/trustee) or				Rep comp fro orga	(D) ortable ensation m the nization 2/1099-	(E) Reportable compensation from related organizations	5	(F) Estima amount o compens from	ated of other sation the				
		for related organizations below dotted line)	Individual trustee or director	Institutional Trustee	Officer	Key employee	Kay employee		(W-2/1099- MISC)		organizati relat organiza	ed		
		 		\vdash	\vdash	\vdash								
		!	 	├	\vdash	\vdash								
		<u> </u>		↓	<u> </u>									
				\vdash	\vdash	\vdash								
		 		\vdash	\vdash	\vdash								
		!		\vdash	\vdash	\vdash								
		<u> </u>		<u> </u>	<u> </u>									
	Sub-Total						•							
	otal from continuation sheets to Pa otal (add lines 1b and 1c)	art VII, Section			•		>		1.	696,240		0		240,594
2	Total number of individuals (including					hove		rece			nn nnn	<u> </u>		240,331
-	of reportable compensation from the			C 1130		DO.,	c, *****	, ,	sived in	ile tildir ya	00,000			
													Yes	No
3	Did the organization list any former of	,		ee, k	ey e	mplo	oyee,	or hi	ghest co	mpensated	employee on			
	line 1a? If "Yes," complete Schedule J	1 for such individ	dual .	•	•	•		•				3	Yes	
4	For any individual listed on line 1a, is organization and related organizations										n the			
	individual	S greater than ϕ	,130,000	0: 11	, c s	•	Ompre	• •	neuule s	• •		4	Yes	
5	Did any person listed on line 1a receiv	ve or accrue cor	mpensat	tion f	rom	any	unrela	ated	organiza	tion or ind	ividual for	<u> </u>	100	
	services rendered to the organization											5		No
Se	ction B. Independent Contract	ors												
1	Complete this table for your five higher from the organization. Report comper											mpens	sation	<u> </u>
-	<u> </u>	(A)		y cu.	Elia	IIII9	VVICITO	I WYIC	IIIII GIC C		(B)		(C	
THE B	Name a Name a Name a	and business addre	ess								ription of services ANAGEMENT		Comper	168,670
	RODUCTION DRIVE SUITE 100									CONSULTAN	VT.			
VO D V										l				

YORKTOWN, VA 23693

compensation from the organization ▶ 1

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

		(2020)								Page 9
Part	VIII				resno	inse or note to an	y line in this Part VIII			П
		CHECK II SCHOOL	aure	o contains a	respo	inse of flote to unit	(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512 - 514
	1a	Federated campaig	gns	1	.a				L	
s, Grants Amounts	b	Membership dues		. 1	.b					
G. Gr		Fundraising events		. 1	.с					
		Related organizati			.d					
ons, Gifts Similar		Government grants (All other contributions		<u> </u>	.е	11,664,251				
Contributions, and Other Sim	f	and similar amounts	not ir	achidad	Lf	384,875				
tributic Other	g	Noncash contribution: lines 1a - 1f:\$	s incl			_				
Contrand (L	Total. Add lines 1a	. 16	_	g					
<u>ت</u> ق	_"	Total. Add lines 18	a-11		•	Business Code	12,049,126	T	T	1
	25	SPONSORSHIPS					95,021	95,02	1	
ä	-`					519130				
ven	b	•								
Program Service Revenue										
ar vic										
γ, Σ	d	I								
graf	e	•								
Æ										
		All other program								
	┷	Total. Add lines 2 Investment income				95,021 nterest and other	<u> </u>			
		similar amounts) .	•		•	1	53	36		536
		Income from invest Royalties			npt bo		▶ 3,71	14		3,714
	-	Royaldes	Ė	(i) Real	•	(ii) Personal	3,71			3,71
	_ ا	Cuasa vanta								
	b	Gross rents Less: rental	6a				_			
		expenses	6b							
	c	Rental income or (loss)	6с							
	١ ،	d Net rental income	or	(loss)						
				(i) Securit	ies	(ii) Other				
	7a	Gross amount from sales of	7a			81	10			
		assets other than inventory								
	b	Less: cost or other basis and	7b				0			
		sales expenses					_			
		Gain or (loss)	7 c			81	<u> </u>			
	I	d Net gain or (loss)				+ + + +	81	10		810
ne	06	Gross income from fu (not including \$		of						
V €		contributions reporte See Part IV, line 18			8a					
Re	1) Less: direct expen	ses		8b		-			
Other Revenue	١ ،	c Net income or (los	ss) fr	om fundraisir	ng eve	ents 🕨	_			
δ	9a	Gross income from	gam	ing activities.						
		See Part IV, line 19	•		9a					
		Less: direct expen			9b					
	ľ	: Net income or (los	ss) fr	om gaming a	Ctiviti	es >				
	10	aGross sales of inve returns and allowa	ento	ry, less						
	١,	Less: cost of good			10a 10b		_			
		• Net income or (los								
		Miscellaneo	_			Business Code				
	11	La								
		o								
					-					
	`	•								
	(d All other revenue								
		Total. Add lines 1			٠.	•				
	12	2 Total revenue. S	ee ir	nstructions .					224	
	1						12,149,20	95,0	021	0 5,060 5,060

	Ctatament of Europtianal Europe				Page IU
Р	art IX Statement of Functional Expenses Section 501(c)(3) and 501(c)(4) organizations must c	omplete all columns	All other organization	ns must complete colu	ımn (A)
	Check if Schedule O contains a response or note to an		_	ns must complete cold	(A).
	not include amounts reported on lines 6b, 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 domestic organizations and domestic governments. See Part IV, line 21	3,278,489	3,278,489	<u> </u>	· ·
2	Grants and other assistance to domestic individuals. See Part IV, line 22				
3	Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16.				
4	Benefits paid to or for members				
5	Compensation of current officers, directors, trustees, and key employees	684,914	449,584	235,330	
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	4,666,278	3,062,972	1,603,306	
8	Pension plan accruals and contributions (include section 401 (k) and 403(b) employer contributions)	261,282	171,508	89,774	
9	Other employee benefits	584,920	383,947	200,973	
10	Payroll taxes	369,451	242,511	126,940	
11	Fees for services (non-employees):				
a	ı Management	975,664	650,250	325,414	
	Legal	88,667	59,094	29,573	
	Accounting	86,726	57,800	28,926	
	Lobbying		,		_
	Professional fundraising services. See Part IV, line 17				
	Investment management fees			-	
	Other (If line 11g amount exceeds 10% of line 25, column				
2	(A) amount, list line 11g expenses on Schedule O)				
12	Advertising and promotion	131,868	86,337	45,531	
13	Office expenses				_
14	Information technology	108,600	5,047	103,553	
	Royalties				
	Occupancy	294,631	252,208	42,423	
	Travel	58,568	41,981	16,587	
18	Payments of travel or entertainment expenses for any federal, state, or local public officials .				
19	Conferences, conventions, and meetings	10,383	6,798	3,585	
20	Interest				
21	Payments to affiliates				
22	Depreciation, depletion, and amortization	53,295	28,892	24,403	
23	Insurance	67,325	40,676	26,649	_
24	Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
	a SUPPLIES	250,796	110,814	139,982	
	L MAGAZON GONETO	105 310	105 210		
	b MISSION CONTROL	185,319	185,319		
	c TELECOMMUNICATIONS	53,963	34,417	19,546	
	d POSTAGE AND SUBSCRIPTIO	29,997	18,050	11,947	
	e All other expenses	10,674	36	10,638	
25	Total functional expenses. Add lines 1 through 24e	12,251,810	9,166,730	3,085,080	0
26	Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here ▶ ☐ if following SOP 98-2 (ASC 958-720).				
	Check here F Li il following 50F 30-2 (A5C 350-720).				

Form 990 (2020)

25

26

27

28

31

32

33

Fund Balances

ō 29

Assets 30 Page 11

30,000

958.196

1,172,832

1,136,455

2,309,287

3,267,483

Form 990 (2020)

25

26

27

28

29

30

31

32

33

878.378

1,145,537

1,266,353

2,411,890

3,290,268

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

	Beginning of year		End of year
1 Cash-non-interest-bearing		1	
2 Savings and temporary cash investments	3,065,162	2	3,032,348

Pledges and grants receivable, net . 20.000 Accounts receivable, net Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled 5

Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B). 6 7 Notes and loans receivable, net . . 8 Inventories for sale or use . Prepaid expenses and deferred charges 118,990

Assets 117,164 10a Land, buildings, and equipment: cost or other 10a 984,469 basis. Complete Part VI of Schedule D 10b 900,797 79,917 10c 83,672 Less: accumulated depreciation Investments—publicly traded securities . 11 11

	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	6,199	15	4,299
	16	Total assets. Add lines 1 through 15 (must equal line 33)	3,290,268	16	3,267,483
	17	Accounts payable and accrued expenses	546,349	17	327,474
	18	Grants payable	332,029	18	630,722
	19	Deferred revenue		19	
	20	Tax-exempt bond liabilities		20	
Ś	21	Escrow or custodial account liability. Complete Part IV of Schedule D		21	
lities	22	Loans and other payables to any current or former officer, director, trustee, key			

employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons 22 23 23 Secured mortgages and notes payable to unrelated third parties 24 Unsecured notes and loans payable to unrelated third parties 24

Other liabilities (including federal income tax, payables to related third parties,

and other liabilities not included on lines 17 - 24).

Total liabilities. Add lines 17 through 25 . .

Capital stock or trust principal, or current funds

Total liabilities and net assets/fund balances

Organizations that follow FASB ASC 958, check here ▶

Organizations that do not follow FASB ASC 958, check here ▶

Paid-in or capital surplus, or land, building or equipment fund . . .

Retained earnings, endowment, accumulated income, or other funds

Complete Part X of Schedule D

complete lines 27, 28, 32, and 33.

Net assets without donor restrictions

Net assets with donor restrictions

complete lines 29 through 33.

Total net assets or fund balances

3a

3b

Yes

Yes (2020)

3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single

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.

Audit Act and OMB Circular A-133?

Additional Data

Software ID:

Software Version:

EIN: 27-5410763 Name: CENTER FOR THE ADVANCEMENT OF

Form 990 (2020)

Form 990, Part III, Line 4a:

CASIS MANAGES THE INTERNATIONAL SPACE STATION U.S. NATIONAL LABORATORY, UNDER COOPERATIVE AGREEMENT WITH NASA, AS A PUBLIC SERVICE ENTERPRISE.

SCIENCE IN SPACE INC

THE ISS NATIONAL LAB ALLOWS RESEARCHERS TO LEVERAGE THIS MULTIUSER FACILITY TO IMPROVE QUALITY OF LIFE ON EARTH, MATURE SPACE-BASED BUSINESS MODELS, ADVANCE SCIENCE LITERACY IN THE FUTURE WORKFORCE, AND EXPAND A SUSTAINABLE AND SCALABLE MARKET IN LOW EARTH ORBIT. CASIS ENABLES AND FACILITATES ACCESS TO RESEARCH RESOURCES ON THE ISS IN SUPPORT OF NON-NASA SCIENCE, TECHNOLOGY, AND EDUCATION INITIATIVES FROM U.S. GOVERNMENT AGENCIES, ACADEMIC INSTITUTIONS, AND THE PRIVATE SECTOR.

efile	e GR/	APHIC prii	nt - DO NOT PRO	DO NOT PROCESS As Filed Data -					LN: 93493054015562			
SCI	- HFD	ULE A	Du	hlic (harity Statu	e and Dul	alic Supp	ort	OMB No. 1545-0047			
	m 990		Complete	if the or	ganization is a sect 4947(a)(1) nonexe ▶ Attach to Form 9	ion 501(c)(3) c empt charitable 990 or Form 99	organization or trust. 0-EZ.	a section	2020			
		the Treasury	► Go to <u>v</u>	<u>vww.irs.</u>	<i>gov/Form</i> 990 for i	nstructions and	I the latest info	ormation.	Open to Public Inspection			
Nam	e of th	ne organiza THE ADVANCE						Employer identific	ation number			
		SPACE INC						27-5410763				
	rt I				s (All organization it is: (For lines 1 thro			See instructions.				
1	rgariiz		•		sociation of churches	J ,	, ,	(A)(i)				
2		·		•	.)(A)(ii). (Attach Sch							
3					ice organization desc	,	, ,					
4		·	·		-			<i>).</i> 170(b)(1)(A)(iii). Е	nter the bosnital's			
•	Ш	name, city,		operate	a in conjunction with	a nospital descri	bed iii sectioii .	170(D)(1)(A)(III). E	nter the hospital's			
5		(b)(1)(A)	(iv). (Complete Part	II.)	J		, ,	ernmental unit descri	bed in section 170			
6					governmental unit de							
7	✓		ition that normally r 0(b)(1)(A)(vi). (C			s support from a	governmental u	init or from the gener	al public described in			
8					170(b)(1)(A)(vi).	(Complete Part I	I.)					
9					scribed in 170(b)(1) e instructions. Enter			with a land-grant coll college or university:	ege or university or a			
10		from activit investment	ies related to its exe	empt fund ed busine	tions—subject to ceress taxable income (le	tain exceptions,	and (2) no more	ns, membership fees, than 331/3% of its su sees acquired by the c	-			
11		An organiza	tion organized and	operated	exclusively to test fo	r public safety. S	ee section 509	(a)(4).				
12		more public	ly supported organi:	zations de		09(a)(1) or sec	ction 509(a)(2	s of, or to carry out th). See section 509(a s 12e, 12f, and 12g.				
a		organizatio		gularly ap				zation(s), typically by of the supporting orga				
b		Type II. A manageme	supporting organiza	tion supe organizat	tion vested in the sar			organization(s), by ha ge the supported orga				
c		Type III f	ınctionally integra	ited. A si				nd functionally integra	ted with, its			
d		Type III n	on-functionally int integrated. The org	t <mark>egrated</mark> anization	. A supporting organi	zation operated fy a distribution	in connection wi	th its supported orgar an attentiveness req				
e		Check this	oox if the organization	on receiv		ation from the I		pe I, Type II, Type II	I functionally			
f	Enter		of supported organi		· · · · · · · · · ·	-						
g	Provi	de the follow	ing information abou	ut the sup	oported organization(s).						
	organization organization in your governing document? monetary support other				(vi) Amount of other support (see instructions)							
						Yes	No					
Tota			tion Act Notice, se			Cat. No. 11285		 Schedule A (Form 9				

15 Public support percentage for 2019 Schedule A, Part II, line 14 15 99.930 % 16a 33 1/3% support test-2020. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box h 33 1/3% support test-2019. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this

Schedule A (Form 990 or 990-EZ) 2020

17a 10%-facts-and-circumstances test-2020. 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 VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported

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

10%-facts-and-circumstances test—2019. 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 VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly

P	Support Schedule for						
	(Complete only if you c						er Part II. If
	the organization fails to	qualify under	the tests listed	oelow, please co	omplete Part II.)	
Se	ection A. Public Support						
	Calendar year	(a) 2016	(b) 2017	(c) 2018	(d) 2019	(e) 2020	(f) Total
	(or fiscal year beginning in) ► Gifts, grants, contributions, and		` '	``		, ,	
1	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						
/a	Amounts included on lines 1, 2, and 3 received from disqualified persons						
h	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.						
	Add lines 7a and 7b.						
8	Public support. (Subtract line 7c						
	from line 6.)						
36	ection B. Total Support		1	1	1	T	Τ
	Calendar year	(a) 2016	(b) 2017	(c) 2018	(d) 2019	(e) 2020	(f) Total
9	(or fiscal year beginning in) ► Amounts from line 6						
	Gross income from interest,						
L0a	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.						
_	Add lines 10a and 10b.						
с 11	Net income from unrelated business						
11	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 VI.)						
13	Total support. (Add lines 9, 10c, 11, and 12.).						
14	First 5 years. If the Form 990 is for the	ne organization's	first, second, third	l, fourth, or fifth t	ax vear as a secti	on 501(c)(3) orga	nization.
	check this box and stop here	-			•	() ()	· —
-				<u> </u>			· · · · • · · ·
	ection C. Computation of Public S Public support percentage for 2020 (lin			column (f))		1 4 = 1	
15						15	
16	Public support percentage from 2019 S					16	
Se	ection D. Computation of Invest						
17	Investment income percentage for 202	-		-		17	
18	Investment income percentage from 2	019 Schedule A,	Part III, line 17 .			18	<u> </u>
	331/3% support tests—2020. If the	organization did r	not check the box	on line 14, and lir	ne 15 is more than	33 1/3%, and lin	e 17 is not
	more than 33 1/3%, check this box and						
	33 1/3% support tests—2019. If the						
U	not more than 33 1/3%, check this box	-			·		
20	· · · · · ·	-	-				
20	Private foundation. If the organization	on did not check a	a box on line 14, 1	.9a, or 19b, check	this box and see	instructions	. ▶ ⊔

Page 4

5a

5b 5c

6

7

8

9a

9b

9c

10a

10b

Schedule A (Form 990 or 990-EZ) 2020

Schedule A (Form 990 or 990-EZ) 2020

amendment to the organizing document).

complete Part I of Schedule L (Form 990 or 990-EZ).

the organization had excess business holdings).

organization had an interest? If "Yes," provide detail in Part VI.

organization's organizing document?

provide detail in Part VI.

answer line 10b below.

6

7

8

10a

box 12b, of Part I, complete Sections A and C. If you checked box 12c, of Part I, complete Sections A, D, and E. If you checked box 12d, of Part I, complete Sections A and D, and complete Part V.) Section A. All Supporting Organizations Yes No

1	Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose,				
	describe the designation. If historic and continuing relationship, explain.	1			
2	Did the organization have any supported organization that does not have an IRS determination of status under section 509 (a)(1) or (2)? If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).				
	III section 309(a)(1) or (2).	2			
3a	Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer lines 3b and				
	3c below.	3a	ı		
b	Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in Part VI when and how the organization made the				
	determination.	3b			
c	Did the organization ensure that all support to such organizations was used exclusively for section $170(c)(2)(B)$ purposes?				

	m section ses (a)(1) or (2).	2					
3a	Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer lines 3b and						
	3c below.	3a					
b	Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in Part VI when and how the organization made the						
	determination.						
С	Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes?						
	If "Yes," explain in Part VI what controls the organization put in place to ensure such use.	3с					
4a	Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you						
	checked box 12a or 12b in Part I, answer lines 4b and 4c below.						

	the public support tests under section 509(a)(2)? If res, describe in Part VI when and now the organization made the				
	determination.	3b			
С	Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes?				
	If "Yes," explain in Part VI what controls the organization put in place to ensure such use.	3с			
4a	Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you				
	checked box 12a or 12b in Part I, answer lines 4b and 4c below.				
b	Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported				
	organization? If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.				
С	Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in Part VI what controls the organization used to ensure that all support				
	to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.	4c			
5a	Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer lines 5b and 5c below (if applicable). Also, provide detail in Part VI , including (i) the names and EIN numbers of the supported				

С	d the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes?				
	If "Yes," explain in Part VI what controls the organization put in place to ensure such use.				
4a	Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you				
	checked box 12a or 12b in Part I, answer lines 4b and 4c below.				
b	Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported				
	organization? If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.				
С	Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in Part VI what controls the organization used to ensure that all support				
	to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.	4c			
5a	Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer lines 5b				

organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by

Substitutions only. Was the substitution the result of an event beyond the organization's control?

organization's supported organizations? If "Yes," provide detail in Part VI.

substantial contributor? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ) .

which the supporting organization also had an interest? If "Yes," provide detail in Part VI.

Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the

than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing

Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes,"

Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other

Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a

Was the organization controlled directly or indirectly at any time during the tax year by one or more disgualified persons, as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes,"

Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting

Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in

Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding

Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether

certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes,"

Pā	rt IV Supporting Organizations (continued)				
			Yes	No	
11	Has the organization accepted a gift or contribution from any of the following persons?				
а	A person who directly or indirectly controls, either alone or together with persons described in lines 11b and 11c below, the governing body of a supported organization?	11a			
h	A family member of a person described in 11a above?	11a			
	A 35% controlled entity of a person described in line 11a or 11b above? If "Yes" to 11a, 11b, or 11c, provide detail in Part	11c			
	VI.				
5	ection B. Type I Supporting Organizations		Yes	No	
1	Did the officers, directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.	1	163	140	
2	Did the organization operate for the benefit of any supported organization other than the supported organization(s) that	-			
	operated, supervised, or controlled the supporting organization? If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised or controlled the supporting organization.	2			
_	ection C. Type II Supporting Organizations				
	ection c. Type 11 Supporting Organizations		Yes	No	
1	Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of				
	each of the organization's supported organization(s)? If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).	1			
S	ection D. All Type III Supporting Organizations				
			Yes	No	
1	Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing	1			
_	documents in effect on the date of notification, to the extent not previously provided?				
2	Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization (s) or (ii) serving on the governing body of a supported organization? If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).				
3	By reason of the relationship described in line 2 above, did the organization's supported organizations have a significant	2			
,	By reason of the relationship described in line 2 above, did the organization's supported organizations have a significant voice in the organization's income or assets at all times during the tax year? If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.				
S	ection E. Type III Functionally-Integrated Supporting Organizations				
1	Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instruct	ions):			
	The organization satisfied the Activities Test. Complete line 2 below.				
	b The organization is the parent of each of its supported organizations. Complete line 3 below.				
	The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see	instru	ctions)		
2	Activities Test. Answer lines 2a and 2b below.		Yes	No	
	a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.	2a			
	b Did the activities described in line 2a constitute activities that, but for the organization's involvement, one or more of the				
	organization's supported organization(s) would have been engaged in? If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.	2b			
3	Parent of Supported Organizations. Answer lines 3a and 3b below.				
	a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? If "Yes" or "No" provide details in Part VI .	3a			
	b Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? <i>If "Yes," describe in Part VI.</i> the role played by the organization in this regard.	3b			

Schedule A (Form 990 or 990-EZ) 2020 Page 6 Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations 1 Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (explain in Part VI). See instructions. All other Type III non-functionally integrated supporting organizations must complete Sections A through E. (A) Prior Year (B) Current Year Section A - Adjusted Net Income (optional) Net short-term capital gain 1 2 Recoveries of prior-year distributions Other gross income (see instructions) 3 3 Add lines 1 through 3 4 5 Depreciation and depletion 5 Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions) 7 Other expenses (see instructions) Adjusted Net Income (subtract lines 5, 6 and 7 from line 4) 8

	Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):	1		
a	Average monthly value of securities	1a		
b	Average monthly cash balances	1 b		
С	Fair market value of other non-exempt-use assets	1c		
d	Total (add lines 1a, 1b, and 1c)	1d		
e	Discount claimed for blockage or other factors (explain in detail in Part VI):			
2	Acquisition indebtedness applicable to non-exempt use assets	2		
3	Subtract line 2 from line 1d	3		
4	Cash deemed held for exempt use. Enter 0.015 of line 3 (for greater amount, see instructions).	4		
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5		
6	Multiply line 5 by 0.035	6		
7	Recoveries of prior-year distributions	7		
8	Minimum Asset Amount (add line 7 to line 6)	8		
	Section C - Distributable Amount			Current Year
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1		
2	Enter 85% of line 1	2		
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3		
4	Enter greater of line 2 or line 3	4		
		1		

5 Income tax imposed in prior year 5 **Distributable Amount.** Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions) 7 Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see

_1	Amounts paid to supported organizations to accomplish exempt purposes	1	
2	Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	2	
3	Administrative expenses paid to accomplish exempt purposes of supported organizations	3	
4	Amounts paid to acquire exempt-use assets	4	
5	Qualified set-aside amounts (prior IRS approval required - provide details in Part VI)	5	
6	Other distributions (describe in Part VI). See instructions	6	
7	Total annual distributions. Add lines 1 through 6.	7	
8	Distributions to attentive supported organizations to which the organization is responsive (<i>provide details in Part VI</i>). See instructions	8	
9	Distributable amount for 2020 from Section C, line 6	9	

7 Total annual distributions. Add lines 1 through 6.			7	
8 Distributions to attentive supported organizations to wh details in Part VI). See instructions	8			
9 Distributable amount for 2020 from Section C, line 6	9			
10 Line 8 amount divided by Line 9 amount			10	
Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributi Pre-2020	ons	(iii) Distributable Amount for 2020
1 Distributable amount for 2020 from Section C, line 6				
2 Underdistributions if any for years prior to 2020				

	stributions to attentive supported organizations to wh tails in Part VI). See instructions	ich the organization is respon	sive (<i>provide</i>	8	
9 Di	stributable amount for 2020 from Section C, line 6			9	
10 Lin	e 8 amount divided by Line 9 amount			10	
	Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributio Pre-2020	ons	(iii) Distributable Amount for 2020
1 Dis	tributable amount for 2020 from Section C, line 6				
(re	derdistributions, if any, for years prior to 2020 asonable cause required <i>explain in Part VI</i>). e instructions.				
3 Exc	ess distributions carryover, if any, to 2020:				
a Fr	om 2015				

10 Line 8 amount divided by Line 9 amount	10			
Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributio Pre-2020	ons	(iii) Distributable Amount for 2020
1 Distributable amount for 2020 from Section C, line 6				
2 Underdistributions, if any, for years prior to 2020 (reasonable cause required explain in Part VI). See instructions.				
3 Excess distributions carryover, if any, to 2020:				
a From 2015				
b From 2016				
c From 2017				
d From 2018				
e From 2019				
f Total of lines 3a through e				
q Applied to underdistributions of prior years				

Schedule A (Form 990 or 990-EZ) (2020)

h Applied to 2020 distributable amount i Carryover from 2015 not applied (see

4 Distributions for 2020 from Section D, line 7:

a Applied to underdistributions of prior years **b** Applied to 2020 distributable amount

c Remainder. Subtract lines 4a and 4b from line 4. 5 Remaining underdistributions for years prior to 2020, if any. Subtract lines 3g and 4a from line 2. If the amount is greater than zero, explain in Part VI.

6 Remaining underdistributions for 2020. Subtract lines 3h and 4b from line 1. If the amount is greater than zero, explain in Part VI. See instructions. 7 Excess distributions carryover to 2021. Add lines

j Remainder. Subtract lines 3g, 3h, and 3i from line 3f.

instructions)

See instructions.

d Excess from 2019.

a Excess from 2016. **b** Excess from 2017. c Excess from 2018.

e Excess from 2020.

3j and 4c. 8 Breakdown of line 7:

\$

Schedule A (Form 990 or 990-EZ) 2020 Page 8						
Part VI	Supplemental Information. Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; Part III, line 12; Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines 1 and 2; Part IV, Section C, line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a and 3b; Part V, line 1; Part V, Section B, line 1e; Part V Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any additional information. (See instructions).						
Facts And Circumstances Test							

DLN: 93493054015562

OMB No. 1545-0047

2020

SCHEDULE D (Form 990)

Department of the Treasury

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

Open to Public

Schedule D (Form 990) 2020

Cat. No. 52283D

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

tern	al Revenue Service	\underline{m} 990 for instructions and the latest inf	formation. Inspection
CEN	me of the organization TER FOR THE ADVANCEMENT OF		Employer identification number
SCI	ENCE IN SPACE INC		27-5410763
Pa	rt I Organizations Maintaining Donor Advi		or Accounts.
	Complete if the organization answered "Ye	(a) Donor advised funds	(b) Funds and other accounts
L	Total number at end of year	(a) z siter davised lands	(2) tanta and coner deceding
2	Aggregate value of contributions to (during year)		
3	Aggregate value of grants from (during year)		
1	Aggregate value at end of year		
5	Did the organization inform all donors and donor advisor organization's property, subject to the organization's ex		
5	Did the organization inform all grantees, donors, and donaritable purposes and not for the benefit of the donor private benefit?	r or donor advisor, or for any other purpose	an be used only for
Pa	rt II Conservation Easements. Complete if the organization answered "Ye	es" on Form 990, Part IV, line 7.	
L	Purpose(s) of conservation easements held by the orga		
	Preservation of land for public use (e.g., recreatio	on or education)	an historically important land area
	☐ Protection of natural habitat	☐ Preservation of a	a certified historic structure
	Preservation of open space		
2	Complete lines 2a through 2d if the organization held a easement on the last day of the tax year.	a qualified conservation contribution in the f	form of a conservation Held at the End of the Year
а	Total number of conservation easements		2a
b	Total acreage restricted by conservation easements		2b
С	Number of conservation easements on a certified histor	ric structure included in (a)	2c
d	Number of conservation easements included in (c) acquistructure listed in the National Register	aired after 7/25/06, and not on a historic	2d
3	Number of conservation easements modified, transferred tax year	ed, released, extinguished, or terminated b	y the organization during the
1	Number of states where property subject to conservation	on easement is located 🕨	
5	Does the organization have a written policy regarding t and enforcement of the conservation easements it hold		g of violations,
5	Staff and volunteer hours devoted to monitoring, inspe	ecting, handling of violations, and enforcing	conservation easements during the year
7	Amount of expenses incurred in monitoring, inspecting,	, handling of violations, and enforcing cons	ervation easements during the year
3	Does each conservation easement reported on line 2(d and section 170(h)(4)(B)(ii)?		170(h)(4)(B)(i) ☐ Yes ☐ No
9	In Part XIII, describe how the organization reports consbalance sheet, and include, if applicable, the text of the	e footnote to the organization's financial sta	pense statement, and
ar	the organization's accounting for conservation easemer TIII Organizations Maintaining Collections	of Art, Historical Treasures, or Ot	ther Similar Assets.
La	Complete if the organization answered "Ye If the organization elected, as permitted under FASB AS		ent and balance sheet works of art
La	historical treasures, or other similar assets held for pub Part XIII, the text of the footnote to its financial statem	olic exhibition, education, or research in fur	
b	If the organization elected, as permitted under FASB Ashistorical treasures, or other similar assets held for pub following amounts relating to these items:		
(i) Revenue included on Form 990, Part VIII, line 1		> \$
(i	i)Assets included in Form 990, Part X		
2	If the organization received or held works of art, historic following amounts required to be reported under FASB	rical treasures, or other similar assets for fir	
а	Revenue included on Form 990, Part VIII, line 1	-	▶\$
b	Assets included in Form 990, Part X		·

Par	t IIII	Organizations Maintaining Co	llections of Art, H	listori	cal T	reası	ıres, or	Other	Similar As	sets (cont	inued)
3		g the organization's acquisition, accessio s (check all that apply):	n, and other records,	check	any of	the fo	llowing t	hat are a	significant u	se of its col	lection
а		Public exhibition		d		Loan	or excha	ange prog	ırams		
b		Scholarly research		е		Othe	r				
С		Preservation for future generations									
4	Provi Part	ide a description of the organization's co XIII.	llections and explain l	how the	ey furtl	her the	e organiz	ation's e	xempt purpo	se in	
5		ng the year, did the organization solicit on ts to be sold to raise funds rather than to								☐ Yes	□ No
Pa	rt IV	Escrow and Custodial Arrange Complete if the organization answ X, line 21.		m 990	, Part	IV, li	ne 9, or	reporte	ed an amou	nt on Forn	n 990, Part
1a		e organization an agent, trustee, custodi ded on Form 990, Part X?								Yes	□ No
b	If "Y	es," explain the arrangement in Part XII:	I and complete the fo	llowing	table:				Δι	mount	
c		nning balance	·	_			ŀ	1c			
	_	•					-	1d			
d		tions during the year									
e		ibutions during the year					1	1e			
f	Endir	ng balance					[1f			
2a	Did t	he organization include an amount on Fo	orm 990, Part X, line	21, for	escrow	or cu	stodial a	ccount lia	ability?	☐ Yes	□ No
b	If "Ye	es," explain the arrangement in Part XIII	. Check here if the ex	xplanati	ion has	s been	provideo	d in Part i	XIII		
	rt V	Endowment Funds.					p			_	
		Complete if the organization answ	wered "Yes" on For	m 990	, Part	IV, li	ne 10.				
		, 3	(a) Current year		rior yea			ears back	(d) Three yea	ars back (e)	Four years back
1 a	Beginn	ning of year balance									
b	Contri	butions									
С	Net in	vestment earnings, gains, and losses									_
d	Grants	s or scholarships									
	Other	expenditures for facilities rograms									
f	Admin	istrative expenses									_
g	End of	year balance									
2	Provi	ide the estimated percentage of the curr	ent vear end halance	(line 1	a. colu	mn (a)) held a	s:		I	
- а		d designated or quasi-endowment	·	(9, 00.0	(=	,,				
		nanent endowment ►									
b		***************************************									
С		n endowment ►									
_		percentages on lines 2a, 2b, and 2c shou	'						. 1		
3а	orgai	there endowment funds not in the posses nization by:	ssion of the organizat	ion tha	t are h	eld an	d admini	stered fo	r the	(a, (i)	Yes No
		Inrelated organizations			•	• •				3a(i)	
		Related organizations								3a(ii)	
		es" on 3a(ii), are the related organization								3b	
4		ribe in Part XIII the intended uses of the		wment	runas.						
Pa	rt VI			000	Daut	T) / 1:	11-	C F-	000 Da	ut V line 1	0
	Descr	Complete if the organization answiption of property (a) Cost or ot (investment)	her basis (b) Cost						depreciation		ook value
1a	Land										
		ngs									
		hold improvements				12,499			3,672		8,827
		ment	-			93,822			822,770		71,052
						78,148			· ·		· · · · · · · · · · · · · · · · · · ·
		lines to the reverse to (Column (d) mounts		V!			10(c)		74,355		3,793
OTa	ıı. Aad	lines 1a through 1e. (Column (d) must	equal Form 990, Part	x, colu	rnn (B	j, iine	10(C).)		P		83,672

Part VII	Complete if the organization answered "Yes" on Form 990,	Part IV	ine 11h	See Form 990 I	Part X line	12
	(a) Description of security or category (including name of security)	(b) Book value			d of valuatio	n:
	al derivatives					
(B)						
(C)						
(D)						
(E)						
(F)						
(G)						
(H)						
(I)						
Total. (Colum	nn (b) must equal Form 990, Part X, col. (B) line 12.)	>				
Part VIII	Investments—Program Related. Complete if the organization answered 'Yes' on Form 990,	Part IV, l	ine 110	. See Form 990,	Part X, line	13.
	(a) Description of investment	· · · · · ·		(b) Book value	(c) Meth	od of valuation: d-of-year market value
(1)						
(2)						
(3)						
(4)						
(5)						
(6)						
(7)						
(8)						
(9)						
(10)						
Total. (Colum Part IX	on (b) must equal Form 990, Part X, col.(B) line 13.) Other Assets.		•		<u> </u>	
	Complete if the organization answered 'Yes' on Form 990, I	Part IV, li	ne 11d	. See Form 990, Par		b) Book value
(1)	(-)					- ,
(2)						
(3)						
(4)						
(5)						
(6)						
(7)						
(8)						
(9)						
(10)						
Total. (Colu					•	
	Complete if the organization answered 'Yes' on Form 990, I		ne 11e	or 11f.See Form	990, Part >	(, line 25.
1. (1) Federal	income taxes	.y				(b) Book value
(2)						
(3)						
(4)						
(5)						
(6)						
(7)						
(8)						
(9)						
	on (b) must equal Form 990, Part X, col.(B) line 25.) or uncertain tax positions. In Part XIII, provide the text of the footno	te to the o	rganizal	tion's financial state	ments that r	eports the
	or uncertain tax positions. In Part XIII, provide the text of the footno 's liability for uncertain tax positions under FIN 48 (ASC 740). Check		_	the footnote has be	en provided	

4

b

C 5

1

2

C

d

b

Part XIII

See Additional Data Table

5

3 4

Part XII

Schedule D (Form 990) 2020

Page 4

27,480

0

12,149,207

12,149,207

12,279,290

27,480

12,251,810

12.251.810

Schedule D (Form 990) 2020

c	Recoveries of prior year grants
d	Other (Describe in Part XIII.)

Add lines 2a through 2d

Add lines **4a** and **4b**

Donated services and use of facilities . . .

Prior year adjustments

Other (Describe in Part XIII.) . Add lines 2a through 2d .

Subtract line 2e from line 1 .

Return Reference

2 Amounts included on line 1 but not on Form 990, Part VIII, line 12: Net unrealized gains (losses) on investments . . . Donated services and use of facilities

Amounts included on Form 990, Part VIII, line 12, but not on line 1: Investment expenses not included on Form 990, Part VIII, line 7b .

Amounts included on line 1 but not on Form 990, Part IX, line 25:

Amounts included on Form 990, Part IX, line 25, but not on line 1: Investment expenses not included on Form 990, Part VIII, line 7b . . .

Add lines **4a** and **4b**

Supplemental Information

Total expenses and losses per audited financial statements

2b

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

Total revenue. Add lines 3 and 4c. (This must equal Form 990, Part I, line 12.)

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

Total expenses. Add lines 3 and 4c. (This must equal Form 990, Part I, line 18.)

XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part

2c 2d

2a

4a

4b

2a

2b

2c

2d

4a 4b

Explanation

27,480

27,480

3 4c 5 Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

2e

3

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2e

chedule D (Form 990) 2020	Page 5
Part XIII Supplemental Inform	nation (continued)
Return Reference	Explanation

Schedule D (Form 990) 2020

Additional Data

Software ID: Software Version:

EIN: 27-5410763

Name: CENTER FOR THE ADVANCEMENT OF SCIENCE IN SPACE INC.

Supplemental Information Return Reference

PART X, LINE 2:

Explanation CASIS IS EXEMPT FROM INCOME TAXES UNDER SECTION 501(C)(3) OF THE UNITED STATES INTERNAL RE VENUE CODE AND HAS BEEN DETERMINED TO BE AN ORGANIZATION, WHICH IS NOT A PRIVATE FOUNDATIO

N. CONTRIBUTIONS TO CASIS ARE QUALIFIED AS DEDUCTIONS FOR CHARITABLE CONTRIBUTIONS. CASIS

IS NO LONGER SUBJECT TO INCOME TAX EXAMINATIONS FOR YEARS PRIOR TO SEPTEMBER 30, 2018.

UTILIZES THE ACCOUNTING REQUIREMENTS ASSOCIATED WITH UNCERTAINTY IN INCOME TAXES USING THE PROVISIONS OF FASB ASC 740, INCOME TAXES. USING THAT GUIDANCE, TAX POSITIONS INITIALLY NE ED TO BE RECOGNIZED IN THE FINANCIAL STATEMENTS WHEN IT IS MORE-LIKELY-THAN-NOT THE POSITI ONS WILL BE SUSTAINED UPON EXAMINATION BY THE TAX AUTHORITIES. IT ALSO PROVIDES GUIDANCE F OR DE-RECOGNITION, CLASSIFICATION, INTEREST AND PENALTIES, ACCOUNTING IN INTERIM PERIODS, DISCLOSURE AND TRANSITION. AS OF SEPTEMBER 30, 2021, CASIS HAS NO UNCERTAIN TAX PROVISIONS THAT OUALIFY FOR RECOGNITION OR DISCLOSURE IN THE FINANCIAL STATEMENTS. CASIS BELIEVES IT

efile GRAPHIC print - DO NOT PROCESS | As Filed Data - |

Note: To capture the full content of this document, please select landscape mode (11" x 8.5") when printing.

Schedule I | Capture | Captu

(Form 990)

Department of the

Treasury

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

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

► Go to <u>www.irs.gov/Form990</u> for the latest information.

OMB No. 1545-0047

DLN: 93493054015562

Open to Public Inspection

ternal Revenue Service							
ame of the organization ENTER FOR THE ADVANCEMENT	ГОБ					Employer identific	ation number
CIENCE IN SPACE INC						27-5410763	
		and Assistance					
L Does the organization mai the selection criteria used	ntain records to sub to award the grants	stantiate the amount of or assistance?	the grants or assistance,	the grantees' eligibility	for the grants or assistanc	e, and	☑ Yes 🗌 N
Describe in Part IV the org	•						
			i nd Domestic Governm o ditional space is needed.	ents. Complete if the o	rganization answered "Yes"	on Form 990, Part IV, line	21, for any recipient
(a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non- cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
1) See Additional Data							
2)							
3)							
4)							
5)							
5)							
7)							
8)							
9)							
10)							
11)							
12)							
2 Enter total number of sect	. , . ,	-					13
B Enter total number of other							
or Paperwork Reduction Act Notic	ce, see the Instructio	ns tor Form 990.		Cat. No. 5005!	٦٢	Sch	edule I (Form 990) 2020

Schedule I (Form 990) 2020

(1)

(2)

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(4)

(5)

assistance	(b) Number o recipients	of	(c) Amoun cash grai	(d) Amoun noncash assis	(e) Method of valuation FMV, appraisal, oth	(f) Description of noncash assistance

Page 2

Schedule I (Form 990) 2020

Part III Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" on Form 990, Part IV, line 22.

(6) (7) Supplemental Information. Provide the information required in Part I, line 2; Part III, column (b); and any other additional information. Part IV

Return Reference Explanation

SCHEDULE I, PART I, LINE 2 GRANTS ARE DETERMINED FOLLOWING A DEFINED PROPOSAL REVIEW, GUIDED BY AN ASSESSMENT OF POTENTIAL PROJECT IMPACT, VARIOUS EXTERNAL AND

INTERNAL CONSTITUENTS UNDER CONTRACT WITH CASIS AND WITH RELEVANT EXPERTISE CONDUCT THIS REVIEW, WHICH INCLUDES THE FOLLOWING STEPS: (1) OPERATIONS EVALUATION TO DETERMINE FEASIBILITY AND ACHIEVABILITY WITHIN THE ESTIMATED BUDGET AND TIMELINE. (2) SCIENTIFIC EVALUATION BY SUBJECT MATTER EXPERTS TO SCORE SCIENTIFIC MERIT AND POTENTIAL IMPACT. (3) VALUE ASSESSMENT TO SCORE POTENTIAL ECONOMIC, INNOVATION AND SOCIAL BENEFITS RELATIVE TO TECHNICAL AND COMMERCIAL RISK. (4) EDUCATION EVALUATION TO CONFIRM ALIGNMENT WITH CASIS EDUCATION GOALS. (5)

Additional Data

Software ID: **Software Version: EIN:** 27-5410763 Name: CENTER FOR THE ADVANCEMENT OF SCIENCE IN SPACE INC

Form 990,Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.									
organization	(b) EIN		1 ` '	cash	(f) Method of valuation (book, FMV, appraisal, other)				

Form 990,Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.										
(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non- cash assistance	(f) Method of valuation (book, FMV, appraisal, other)					
EDUCATION										
FIRST THE SEED FOUNDATION	68-0654181		14,370							

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non cash assistance
EDUCATION				
FIRST THE SEED FOUNDATION 1701 DUKE ST STE 275 ALEXANDRIA VA, VA 22314	68-0654181		14,370	

(g) Description of non-cash assistance

(h) Purpose of grant or assistance EDUCATION INVESTIGATE HOW THE SPACE ENVIRONMENT OF LOW EARTH ORBIT AFFECTS TOMATO SEEDS AND THEIR

> SUBSEQUENT ABILITY TO GERMINATE INTO PLANTS ON EARTH.

(c) IRC section (d) Amount of cash (f) Method of valuation (g) Description of (h) Purpose of grant if applicable (book, FMV, appraisal, non-cash assistance organization grant cash or assistance or government assistance other) 04-2103594 501(C)(3) 45.114 MASSACHUSETTS INSTITUTE STUDIES THE EFFECTS OF TECHNOLOGY OF SPACEFLIGHT ON MUSCULOSKELETAL

(e) Amount of non-

STARTUP ACCELERATOR

PROGRAM

77 MASSACHUSETTS AVE CAMBRIDGE, MA 02139 IDISEASE BIOLOGY USING A TISSUE-ON-A-

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

(a) Name and address of

21 DRYDOCK AVE 610E

BOSTON, MA 02210

(b) EIN

CHIP CARTILAGE-BONE-ISYNOVIUM JOINT IMODEL. 501(C)(3) 90.000 MASS CHALLENGE MASSCHALLENGE INC 27-0382989

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments. (a) Name and address of (b) EIN (c) IRC section (d) Amount of cash (e) Amount of non-(f) Method of valuation (g) Description of (h) Purpose of grant (book, FMV, appraisal, organization if applicable grant cash non-cash assistance or assistance or government other) assistance 52-0888529 30.000 THE RADIO AMATEUR IEDUCATES STUDENTS SATELLITE CORPORATION THROUGH RADIO 10605 CONCORD STREET 304 COMMUNICATIONS KENSINGTON, MD 20895 ACTIVITIES INVOLVING THE INTERNATIONAL SPACE STATION. IMPLEMENTATION PARTNERS IMPLEMENTATION PARTNERS

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

IMPLEMENTATION

FLIGHT PROJECTS

PARTNER FOR MULTIPLE

NANORACKS LLC	27-1127667	45,000		IMPLEMENTATION
503 FORGE RIVER RD		·		PARTNER FOR MULTIPLE
WEBSTER, TX 77598				FLIGHT PROJECTS

142.710

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

SPACE TANGO INC

333 F SHORT ST STF 220

LEXINGTON, KY 40507

61-1336389

(a) Name and address of (b) EIN (c) IRC section (d) Amount of cash (e) Amount of non-(f) Method of valuation (g) Description of (h) Purpose of grant (book, FMV, appraisal, organization if applicable grant cash non-cash assistance or assistance or government other) assistance TECHSHOT INC 35-1784668 140.878 IMPLEMENTATION 7200 HIGHWAY 150 IPARTNER TO SUPPORT

GREENVILLE, IN 47124 PRINICIPAL INVESTIGTOR IN MISSION INTEGRATIONS & OPS

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

STE 215

HUNTSVILLE, AL 35806

TEC-MASTERS INC 63-0971481 167.183 IMPLEMENTATION 1500 PERIMETER PARKWAY PARTNER FOR MULTIPLE

FLIGHT PROJECTS

(a) Name and address of (b) EIN (c) IRC section (d) Amount of cash (e) Amount of non-(f) Method of valuation (g) Description of (h) Purpose of grant (book, FMV, appraisal, organization if applicable grant cash non-cash assistance or assistance assistance other) or government E2 240E600 126 020

FLIGHT PROJECTS

TELEDYNE BROWN	52-2195609	136,830		IMPLEMENTATION
ENGINEERING INC				PARTNER FOR MULTIPLE
PO BOX 360467				FLIGHT PROJECTS
PITTSBURGH, PA 15251				

34-1603383 164.967 TIMPLEMENTATION ZIN TECHNOLOGIES INC. 6745 EAGLE RD PARTNER FOR MULTIPLE

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

MIDDLEHEIGHTS, OH 44130

(book, FMV, appraisal, organization if applicable grant cash non-cash assistance or assistance or government assistance other) LIFE SCIENCE GRANTS LIFE SCIENCES

(e) Amount of non-

(f) Method of valuation

(g) Description of

(h) Purpose of grant

1DROP DIAGNOSTICS US INC 47-2571380 5.000 TESTS THE EFFECTS OF 21 DRYDOCK AVE 6TH FLOOR CAPILLARY FLOW ON BOSTON, MA 02210 FLUIDS, TOWARD IMPROVING THE DESIGN OF MICROFLUIDIC CHIPS

USED IN MEDICAL DIAGNOSTICS THAT COULD LEAD TO TIME AND COST SAVINGS.

(d) Amount of cash

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

(c) IRC section

(a) Name and address of

(b) EIN

(b) EIN (h) Purpose of grant if applicable (book, FMV, appraisal, non-cash assistance or assistance organization grant cash or government assistance other) AXONIS THERAPEUTICS INC 27-2454388 31,228 DEVELOP A ROBUST TRANSLATABLE 700 MAIN STREET NORTH CAMBRIDGE, MA MODELS FOR TESTING 02139 NOVEL GENE THERAPIES FOR DEBILITATING NEUROLOGICAL DISEASES. BAYLOR COLLEGE OF 74-1613878 501(C)(3) 276,195 STUDIES HOW MEDICINE EXPOSURE TO MICROGRAVITY DISRUPTS THE CIRCATIDAL CLOCK, THE 12-HOUR

(f) Method of valuation

(a) Description of

OSCILLATION OF GENES INVOLVED IN METABOLISM, TO EXPLORE THE ROLE OF REGULATORY GENES IN METABOLIC DISORDERS SUCH AS LIVER DISEASE, DIABETES, AND OTHER ILLNESSES ASSOCIATED WITH OBESITY.

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

(d) Amount of cash

(c) IRC section

ONE BAYLOR PLAZA HOUSTON, TX 77030

(a) Name and address of

if applicable non-cash assistance organization grant cash (book, FMV, appraisal, or assistance or government assistance other) BOARD OF REGENTS OF 39-6006492 50.632 EXAMINES EFFECTS ON COTTON PLANT UNIVERSITY OF WISCONSIN SYSTEM GROWTH AND ROOT **UW-MADISON GAR ACCOUNT** BEHAVIOR FROM THE OFFICE FOR STRESS OF RESEARCH SPONSORED MICROGRAVITY TO PROGRAMS DRAWER UNDERSTAND

(f) Method of valuation

(a) Description of

(h) Purpose of grant

MOLECULAR CAUSES OF COTTON'S RESPONSE TO LIMITED WATER AVAILABILITY, TOWARD THE DEVELOPMENT OF

REGENERATION.

(d) Amount of cash

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

(c) IRC section

(a) Name and address of

MILWAUKEE, WI 532780538

(b) EIN

COTTON PLANTS THAT USE WATER MORE EFFICIENTLY. CLEMSON UNIVERSITY 57-6000254 501(C)(3) 135.800 EXAMINES GENE 108 SILAS N PEARMAN BLVD EXPRESSION PATTERNS IN COTTON PLANT CLEMSON, SC 29634 ITISSUES IN SPACEFLIGHT TO BETTER UNDERSTAND THE MOLECULAR MECHANISMS INVOLVED IN PLANT

or government assistance other) **EMORY UNIVERSITY** 58-0566256 501(C)(3) 49,905 STUDIES PO BOX 935084 MICROGRAVITY'S ATLANTA, GA 311935084 FEFFECTS ON THE GENERATION OF SPECIALIZED HEART MUSCLE CELLS DEVELOPED FROM ADULT CELLS THAT WERE ALTERED TO REINSTATE

cash

(f) Method of valuation

(book, FMV, appraisal,

(g) Description of

non-cash assistance

(h) Purpose of grant

or assistance

VIVO, FOR USE IN

DRUGS.

CHEMOTHERAPEUTIC

ENCAPSULATE LLC
400 FARMINGTON AVE STE
1841
FARMINGTON, CT 06032

REINSTATE
CHARACTERISTICS OF
STEM CELLS.

PRECLININCALLY
VALIDATE AN
AUTOMATED TUMORON-A-CHIP SYSTEM
THAT CAN GROW
PATIENT-DERIVED
CANCER CELLS EX

(d) Amount of cash

grant

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

(c) IRC section

if applicable

(a) Name and address of

organization

(b) EIN (d) Amount of cash (e) Amount of non-(a) Description of (h) Purpose of grant (a) Name and address of (c) IRC section (f) Method of valuation organization if applicable (book, FMV, appraisal, non-cash assistance or assistance grant cash or government assistance other) KBR WYLE SERVICES LLC 80-0432031 18,097 ANALYZES SWAB 2400 EAST NASA PKWY SAMPLES OF 1,000 HOUSTON, TX 77058 LOCATIONS WITHIN THE ISS TO EXPLORE THE SPATIAL RELATIONSHIP BETWEEN BACTERIA AND THEIR METABOLITES (CHEMICALS PRODUCED BY BACTERIAL GROWTH). 81-3590890 28,709 THIS PROJECT SEEKS

KERNAL BIOLOGICS INC 700 MAIN STREET TO TEST CANDIDATE MESSENGER RNA CAMBRIDGE, MA 02139 MOLECULES TO IDENTIFY WHICH ARE BEST ABLE TO DISTINGUISH BETWEEN CANCER CELLS AND HEALTHY CELLS IN THE STRESSFUL MICROGRAVITY

ENVIRONMENT, TOWARD THE DEVELOPMENT OF NEW IMMUNOTHERAPY DRUGS TO TREAT LEUKEMIA.

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

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

REGENTS OF THE UNIVERSITY	84-6000555	501(C)(3)	280,173		THIS PROJECT
OF COLORADO					SUPPORTS
PO BOX 910220					INVESTIGATOR ACCESS
DENVER, CO 80291					TO BIOLOGICAL
					SPECIMENS FROM A
					RODENT RESEARCH
					REFERENCE MISSION
					FOR FUNDAMENTAL
					DIOMEDICAL DECEARCH

MOUSE STEM CELLS UNDER CONDITIONS OF MAGNETIC LEVITATION.

IBIOMEDICAL RESEARCH ON THE ISS NATIONAL LAB. REGENTS OF THE UNIVERSITY 41-6007513 501(C)(3) 22,379 THIS PROJECT AIMS TO OF MINNESOTA EXAMINE CHANGES IN NW5957 PO BOX 1450 A TRANSCRIPTION FACTOR THAT IS MINNEAPOLIS, MN 554855957 IMPORTANT FOR DIFFERENTIATION IN

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

if applicable (book, FMV, appraisal, organization grant or government assistance other) REVBIO INC 47-1922810 51,079 EXPLORES THE EFFECTS 600 SUFFOLK STREET STE 250 OF A SYNTHETIC BONE LOWELL, MA 01854 MATERIAL THAT ACCELERATES BONE REPAIR ON OSTEOBLASTS (BONE CELLS THAT RENEW

cash

(f) Method of valuation

(g) Description of

non-cash assistance

(h) Purpose of grant

AND THE TREATMENT

OF HUMAN DISEASES.

or assistance

BONES) IN MICROGRAVITY CONDITIONS, WHICH AFFECT BONE CELL GROWTH AND HEALING AND LEAD TO SYMPTOMS THAT MIMIC THOSE OF OSTEOPOROSIS. 26,315 SPACE TECHNOLOGY AND 47-5163184 EVALUATES PROTEIN STABILITY TO IMPROVE

ADVANCED RESEARCH SYSTEMS INC BIOPHARMACEUTICAL 1100 NASA PKWY STE 410 DRUG DEVELOPMENT

(d) Amount of cash

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

(c) IRC section

(a) Name and address of

HOUSTON, TX 77058

if applicable (book, FMV, appraisal, non-cash assistance organization grant cash or assistance or government assistance other) UNIVERSITY OF ALASKA 92-6000147 501(C)(3) 6,079 EXAMINES GENETICALLY PO BOX 141628 ANCHORAGE, AK 995141628 ENGINEERED E. COLI IN

(f) Method of valuation

(g) Description of

(h) Purpose of grant

MICROGRAVITY TO UNDERSTAND METABOLIC PATHWAYS

MICROPHYSIOLOGICAL SYSTEM THAT MODELS HUMAN TISSUE.

INVOLVED IN

BACTERIAL PRODUCTION OF ISOBUTENE, USED IN | PETROCHEMICAL PROCESSES. 167,001 UNIVERSITY OF PITTSBURGH 25-0965591 501(C)(3) EVALUATES POTENTIAL PO BOX 371220 THERAPIES TO TREAT PITTSBURGH, PA 152517220 AND PREVENT OSTEOPOROSIS AND OTHER MUSCULOSKELETAL DISORDERS VIA A

(d) Amount of cash

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

(c) IRC section

(a) Name and address of

Form 990. Schedule I. Part II. Grants and Other Assistance to Domestic Organizations and Domestic Governments. (a) Name and address of (b) EIN (c) IRC section (d) Amount of cash (e) Amount of non-(f) Method of valuation (a) Description of (h) Purpose of grant organization if applicable (book, FMV, appraisal, non-cash assistance or assistance arant cash or government assistance other) WALTER REED ARMY 53-0196956 71.664 STUDIES THE EFFECTS OF MICROGRAVITY ON INSTITUTE OF RESEARCH 503 ROBERT GRANT AVENUE WOUND HEALING AND RM 1W76 OBSERVES POST-MICROGRAVITY WOUND SILVER SPRING, MD 20910 ICONDITIONS TO IMPROVE WOUND HEALING TREATMENTS ON EARTH. PHYSICAL SCIENCE GRANTS PHYSICAL SCIENCES

organization if applicable (book, FMV, appraisal, non-cash assistance or assistance grant cash or government assistance other) ALPHA SPACE TEST AND 47-3853113 24,800 TEST THE RESEARCH ALLIANCE LLC ACCELERATED AGING 930 GEMINI AVE EFFECTS OF SPACE HOUSTON, TX 77058 TEMPERATURES AND RADIATION ON THERMOGRAPHIC PHOSPHOR POWDERS

(f) Method of valuation

(g) Description of

(h) Purpose of grant

(COMMUNITY OF MICROBES IN THE ORAL

CAVITY).

(d) Amount of cash

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

(c) IRC section

(b) EIN

(a) Name and address of

				AND PHOSPHOR COMPOSITES.
COLGATE PALMOLIVE COMPANY 909 RIVER ROAD PISCATAWAY NJ, NJ 08855	13-1815595	69,825		USES A MICROFLUIDIC DEVICE TO CREATE BACTERIAL BIOFILMS THAT SIMULATE DENTAL PLAQUE GROWING ON AN ENAMEL SURFACE TO EXAMINE THE MOLECULAR CHARACTERISTICS OF A HEALTHY AND DISEASED ORAL MICROBIOME

or government assistance other) LAUNCHSPACE 84-4173739 68.640 CONDUCT A PROOF-OF-TECHNOLOGIES CONCEPT 500 NE SPANISH RIVER BLVD DEMONSTRATION OF A STE 35 MULTI-LAYERED BOCA RATON, FL 33431 STRUCTURE TO BE INSTALLED OUTSIDE THE ISS FOR

cash

(f) Method of valuation

(book, FMV, appraisal,

(g) Description of

non-cash assistance

(h) Purpose of grant

or assistance

POWER, AND

ELECTRONIC DISPLAYS.

(d) Amount of cash

grant

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

(c) IRC section

if applicable

(a) Name and address of

organization

(b) EIN

CAPTURING SMALL DEBRIS OBJECTS. 82-1738089 27,501 LUX LABS INC TESTS CONDITIONS 625 MASSACHUSETTS AVENUE FOR THE MANUFACTURE FLOOR 2 OF AN OPTICAL MATERIAL WITH THE CAMBRIDGE, MA 02139 ABILITY TO CONTROL LIGHT BASED ON THE ANGLE OF PROPAGATION, WHICH HAS APPLICATIONS IN OPTICAL FILMS, SOLAR

if applicable (book, FMV, appraisal, non-cash assistance organization grant cash or assistance or government assistance other) RADIATION MONITORING 26-2897516 119,954 SYNTHESIZES SCINTILLATOR DEVICES INC 44 HUNT STREET CRYSTALS ON THE ISS WATERTOWN, MA 02472 FOR USE IN RADIATION

(f) Method of valuation

(g) Description of

(h) Purpose of grant

DETECTION DEVICES, PRIMARILY FOR HOMELAND SECURITY APPLICATIONS. 94-1156365 501(C)(3) 30,593 LEVERAGES STANFORD UNIVERSITY MICROGRAVITY TO 450 JANE STANFORD WAY IMPROVE THE STANFORD CA, CA 94305 SYNTHESIS OF COPPER INDIUM SULFIDE

(CUINS2) SEMICONDUCTOR CRYSTALS, TOWARD DEVELOPING HIGHER-EFFICIENCY AND MORE | ECONOMIC PHOTOVOLTAIC DEVICES FOR SOLAR LENERGY

(d) Amount of cash

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

(c) IRC section

(a) Name and address of

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments. (a) Name and address of (b) EIN (c) IRC section (d) Amount of cash (e) Amount of non-(f) Method of valuation (g) Description of (h) Purpose of grant (book, FMV, appraisal, organization if applicable grant cash non-cash assistance or assistance or government assistance other) UNIVERSITY OF NOTRE DAME 35-0868188 501(C)(3) 226,189 STUDIES THE RSPA 836A GRACE HALL IFUNDAMENTAL NOTRE DAME, IN 46556 RELATIONSHIP BETWEEN THE GEOMETRY AND PROCESS OF BUBBLE FORMATION DURING EVAPORATION IN NANOPARTICLES, A PROCESS THAT MAY ENABLE FUTURE DRUG DEVELOPMENT, WATER PURIFICATION, AND OTHER DIVERSE PURSUITS. REMOTE SENSING GRANTS REMOTE SENSING

organization if applicable (book, FMV, appraisal, non-cash assistance or assistance grant cash or government assistance other) FLORIDA INSTITUTE OF 59-6046500 501(C)(3) 85,758 TESTS HOW THE HARSH **TECHNOLOGY** SPACE ENVIRONMENT 150 W UNIVERSITY BLVD AFFECTS A NOVEL MELBOURNE FL, FL 32901 CHARGE INJECTION DEVICE SENSOR FOR EARTH AND SPACE IMAGING THAT READS LIGHT FROM EACH PIXEL INDEPENDENTLY

(f) Method of valuation

(g) Description of

(h) Purpose of grant

SYSTEM IN LOW EARTH

lorbit.

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

(d) Amount of cash

(c) IRC section

(a) Name and address of

				ALLOWING THE DIRECT IMAGING OF FAINT OBJECTS NEXT TO BRIGHT OBJECTS WITHIN THE SAME FRAME.
ORBITAL SIDEKICK INC 1281 6TH AVENUE SAN FRANCISCO, CA 94122	81-1401426	13,750		UTILIZES THE NANORACKS EXTERNAL PLATFORM TO VALIDATE THE TECHNICAL FEASIBILITY AND FIDELITY OF OPERATING A COMPACT, COMMERCIAL, HYPERSPECTRAL, REMOTE SENSING

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments. (d) Amount of cash (a) Name and address of (b) EIN (c) IRC section (e) Amount of non-(f) Method of valuation (g) Description of (h) Purpose of grant organization if applicable (book, FMV, appraisal, non-cash assistance grant cash or assistance or government other) assistance UPSTREAM PBC INC 81-1530027 11,889 LEVERAGES REMOTE 24001 MONARCH ST SENSING DATA FROM ALAMEDA, CA 94501 THE ISS TO EXPAND THE CAPABILITIES OF A PLATFORM ENABLING IAUTOMATED MONITORING AND ANALYSIS OF COTTON PRODUCTION-RELATED WATER USE. TECHNOLOGY DEVELOPMENT TECHNOLOGY GRANTS DEVELOPMENT

if applicable (book, FMV, appraisal, non-cash assistance organization grant cash or assistance or government assistance other) BOSTON UNIVERSITY 04-2103547 501(C)(3) 100,439 THIS PROJECT PO BOX 28763 SUPPORTS THE NEW YOR, NY 100988763 DEVELOPMENT AND

(f) Method of valuation

(g) Description of

(h) Purpose of grant

INSTALLATION OF A FLOW CHEMISTRY

FACILITY (ICF)

CUBELAB PLATFORM ON THE ISS TO STUDY THE EFFECTS OF MICROGRAVITY ON A MADE IN SPACE INC 27-3297056 206,674 8226 PHILIPS HIGHWAY STE 102 JACKSONVILLE, FL 32256

(d) Amount of cash

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

(c) IRC section

(a) Name and address of

(b) EIN

WIDE RANGE OF CHEMICAL REACTIONS. DEVELOP AND FLIGHT TEST AN AUTOMATED SINGLE CRYSTAL GROWTH CHAMBER FOR MICROGRAVITY IPRODUCT MANUFACTURING AND APPLIED RESEARCH IN THE INDUSTRIAL CRYSTALLIZATION

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

THE FORM 990.

NET GRANT REFUNDS

-3,633

NET GRANT REFUNDS

ARE INCLUDED TO

RECONCILE SCHEDULE I

TO THE GRANT

EXPENDITURES SHOWN
IN PARTS III AND IX OF

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

efil	e GRAPHIC pi	int - DO NOT PROCESS	As Filed Data	a -	DLN: 93	49305	54015	562
Sch	edule J	Co	mpensati	ion Information	OI	MB No.	1545-0	0047
(For	n 990)	For certain Office		rustees, Key Employees, and Hig	hest	•		
	Compensated Employees ► Complete if the organization answered "Yes" on Form 990, Part IV, line 23.)
Depar	tment of the Treasury	▶ Go to www.irs.go		to Form 990. instructions and the latest inform	mation.	Open i		
Interna	al Revenue Service					Insp	ectio	n
	ne of the organiza ITER FOR THE ADVA				Employer identifica	tion nu	ımber	
	ENCE IN SPACE INC				27-5410763			
Pa	rt I Questi	ons Regarding Compensat	tion				Yes	N.
1a				the following to or for a person liste y relevant information regarding thes			res	No
	☐ First-class	s or charter travel		Housing allowance or residence for	personal use			
	_	companions		Payments for business use of person	nal residence			
		nification and gross-up payments	; <u> </u>	Health or social club dues or initiation				
	☐ Discretion	nary spending account	Ш	Personal services (e.g., maid, chauf	feur, chef)			
b				follow a written policy regarding pay ve? If "No," complete Part III to expl		1b		
2				or allowing expenses incurred by all r, regarding the items checked on Lir	na 1a2	2	Yes	
	directors, truste	es, officers, including the CEO/E.	xecutive Director	, regarding the items checked on the	le lar			
3				d to establish the compensation of the check any boxes for methods	ne			
				CEO/Executive Director, but explain i	n Part III.			
	☐ Compens	ation committee	✓	Written employment contract				
		ent compensation consultant	<u> </u>	Compensation survey or study				
	✓ Form 990	of other organizations	\checkmark	Approval by the board or compensa	tion committee			
4	During the year related organiza		990, Part VII, Sec	ction A, line 1a, with respect to the fi	iling organization or a			
а	Receive a sever	ance payment or change-of-cont	rol payment? .			4a	Yes	
b	Participate in, o	r receive payment from, a supple	emental nonquali	ified retirement plan?		4b		No
C				nsation arrangement?		4c		No
	If "Yes" to any o	of lines 4a-c, list the persons and	l provide the app	licable amounts for each item in Part	t III.			
	Only 501(c)(3), 501(c)(4), and 501(c)(29)	organizations	must complete lines 5-9.				
5	For persons liste		n A, line 1a, did t	the organization pay or accrue any				
а	•	1?				5a		No
b						5b		No
	If "Yes," on line	5a or 5b, describe in Part III.						
6		ed on Form 990, Part VII, Sectior ontingent on the net earnings of:		the organization pay or accrue any				
а	The organization	1?				6a		No
b						6 b		No
	•	6a or 6b, describe in Part III.						
7				the organization provide any nonfixed rt III		7		No
8	subject to the ir	nitial contract exception described	d in Regulations	red pursuant to a contract that was section 53.4958-4(a)(3)? If "Yes," de		8		N.c.
9	If "Yes" on line	8, did the organization also follow	w the rebuttable	presumption procedure described in	Regulations section	9		No
For F	Panerwork Redu	ction Act Notice, see the Inst	tructions for Fo	orm 990. Cat. No. 5	50053T Schedule J	(Forn	1 990)	2020

Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported on 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.

(A) Name and Title		(B) Breakdown	of W-2 and/or 1099-MIS	C compensation	(C) Retirement and	(D) Nontaxable	(E) Total of columns	(F) Compensation in	
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation	other deferred compensation	benefits	(B)(i)-(D)	column (B) reported as deferred on prior Form 990	
L JOSEPH G VOCKLEY FORMER PRESIDENT & CEO	(i)	299,758	0	0	8,202	7,034	314,994	0	
	(ii)	0	0	0	0	0	0	0	
KENNETH SHIELDS HIEF OPERATING OFFICER	(i)	198,710	0	0	12,600	37,642	248,952	0	
	(ii)	0	0	0	0	0	0	0	
MELODY KUEHNER ECRETARY & DIRECTOR OF	(i)	185,648	0	0	12,000	38,040	235,688	0	
R	(ii)	0	0	0	0	0	0	0	
MICHAEL ROBERTS ICE PRESIDENT OF	(i)	186,910	0	0	10,500	38,040	235,450	0	
CIENCE	(ii)	0	0	0	0	0	0	0	
CHRISTINE KRETZ ICE PRESIDENT OF	(i)	197,656	0	0	11,859	0	209,515	0	
OMMERCI	(ii)	0	0	0	0	0	0	0	
RICHARD LEACH	(i)	169,057	0	0	0	10,357	179,414	0	
CHIEF STRATEGIC OFFICER	(ii)	0	0	0	0	0	0	0	
JOSEPH H HASTINGS REASURER & FINANCE	(i)	143,051	0	0	9,219	26,170	178,440	0	
PIRECT	(ii)	0	0	0	0	0	0	0	
SVEN EENMAA DIRECTOR, INVESTMENT	(i)	157,950	0	0	9,477	0	167,427	0	
ND ECONOMIC AN	(ii)	0	0	0	0	0	0	0	
KENNETH SAVIN SENIOR PROGRAM	(i)	157,500	0	0	9,454	0	166,954	0	
DIRECTOR	(ii)	0	0	0	0	0	0	0	

Schedule J (Form 990) 2020 Page 3 Part III Supplemental Information Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information. Return Reference Explanation PART I, LINE 4A JOSEPH VOCKLEY - DURING THE 2020 CALENDAR YEAR, MR. VOCKLEY WAS PAID \$165,000 IN SEVERANCE PAY, KENNETH SHIELDS - DURING THE FISCAL YEAR [ENDING 9/30/2021, MR. SHIELDS WAS PAID \$70,000 IN SEVERANCE PAY (THIS PAY WILL BE INCLUDED ON THE 2021 FORM W-2). Schedule 1 (Form 990) 2020

Additional Data

SCIENCE

7SVEN EENMAA

4CHRISTINE KRETZ

VICE PRESIDENT OF COMMERCI

5RICHARD LEACH

CHIEF STRATEGIC OFFICER

6JOSEPH H HASTINGS

TREASURER & FINANCE

DIRECTOR, INVESTMENT AND ECONOMIC AN 8KENNETH SAVIN

SENIOR PROGRAM DIRECTOR (i)

197,656

169,057

143,051

157,950

157,500

Software ID: **Software Version: EIN:** 27-5410763 Name: CENTER FOR THE ADVANCEMENT OF SCIENCE IN SPACE INC Form 990, Schedule J, Part II - Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (B) Breakdown of W-2 and/or 1099-MISC compensation (C) Retirement and (E) Total of columns (F) Compensation in (A) Name and Title (D) Nontaxable other deferred benefits (B)(i)-(D) column (B) (i) Base Compensation (ii) compensation reported as deferred on Other reportable Bonus & incentive prior Form 990 compensation compensation 1JOSEPH G VOCKLEY 299,758 (i) 8,202 7,034 314.994 FORMER PRESIDENT & CEO 1KENNETH SHIELDS 198,710 12,600 37,642 248,952 CHIEF OPERATING OFFICER 2MELODY KUEHNER 185,648 12,000 38,040 235,688 SECRETARY & DIRECTOR OF HR **3**MICHAEL ROBERTS 186,910 10,500 38,040 235,450 VICE PRESIDENT OF

11,859

9,219

9,477

9,454

10,357

26,170

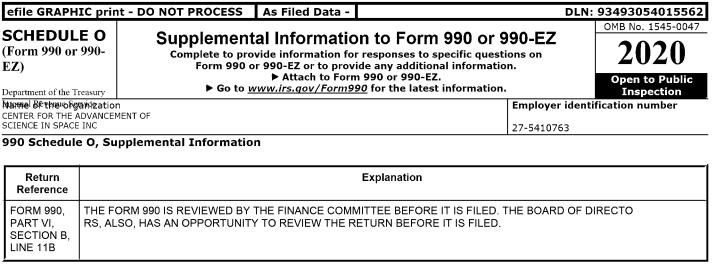
209,515

179,414

178,440

167,427

166,954



990 Schedule O, Supplemental Information Return Explanation Reference FORM 990. ANNUAL CERTIFICATIONS ARE MADE.

FORM 990, PART VI, SECTION B, LINE 12C

Return Explanation
Reference

990 Schedule O, Supplemental Information

FORM 990,	THE COMPENSATION COMMITTEE USED THIRD PARTY DATA FOR COMPARABLES FOR CASIS'S CEO AND EXECU
PART VI,	TIVE DIRECTOR, CHIEF FINANCIAL OFFICER, SECRETARY, AND DIRECTOR OF HUMAN RESOURCES.
SECTION B,	·
LINE 15	

990 Schedule O, Supplemental Information

Return Explanation

Reference

11010101100	
FORM 990,	THE ORGANIZATION MAKES ITS GOVERNING DOCUMENTS AND FINANCIAL STATEMENTS AVAILABLE TO THE PUBLIC
PART VI,	UPON REQUEST.
SECTION C,	
LINE 19	