

Form 990 Return of Organization Exempt From Income Tax Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations) OMB No. 1545-0047 2024 Open to Public Inspection

A For the 2024 calendar year, or tax year beginning 01-01-2024, and ending 12-31-2024

B Check if applicable: C Name of organization APPLIED SCIENCE AND TECHNOLOGY RESEARCH ORGANIZATION OF AMERICAS D Employer identification number 83-0891239 F Name and address of principal officer: Neal Orringer 6701 Democracy Blve Suite 300 Bethesda, MD 20817 H(a) Is this a group return for subordinates? H(b) Are all subordinates included? H(c) Group exemption number I Tax-exempt status: J Website: www.astroa.org K Form of organization: L Year of formation: 2018 M State of legal domicile: MD

Part I Summary

Table with 3 main sections: Activities & Governance (lines 1-7), Revenue (lines 8-12), Expenses (lines 13-19), and Net Assets or Fund Balances (lines 20-22). Includes financial data for Prior Year and Current Year.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here Signature of officer Daniel Burke CFO Date 2025-08-08

Paid Preparer Use Only

Print/type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
Firm's name			Firm's EIN	
Firm's address			Phone no.	

May the IRS discuss this return with the preparer shown above? See Instructions. Yes No
For Paperwork Reduction Act Notice, see the separate instructions. Cat. No. 11282Y Form **990** (2024)

Part III Statement of Program Service Accomplishments

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

1 Briefly describe the organization's mission:

THE ORGANIZATION IS A NON-PARTISAN RESEARCH INSTITUTE AND THINK TANK. IT IS DEDICATED TO ADVANCING THE PUBLIC INTEREST THROUGH MANUFACTURING TECHNOLOGY AND POLICY. IT SUPPORTS GOVERNMENT AGENCIES BY CONDUCTING APPLIED RESEARCH AND INNOVATIONS TO ADDRESS THE NATIONS CRITICAL DEFENSE-RELATED PRODUCTION CHALLENGES. THIS IS ACHIEVED THROUGH FEDERALLY SPONSORED CONTRACTING COOPERATIVE RESEARCH AND PARTNERSHIPS

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

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No
 If "Yes," describe these changes on Schedule O.

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

4a (Code:) (Expenses \$ **608,220** including grants of \$ **0**) (Revenue \$ **500,000**)
 The organization was awarded a contract by the National Science Foundation to lead and develop an NSF Engines Type 2 proposal.

4b (Code:) (Expenses \$ **550,388** including grants of \$ **0**) (Revenue \$ **550,000**)
 The organization was awarded a contract by Blue Forge Alliance to assess the feasibility of the development of an additive manufacturing sector including educational programming workforce development and infrastructure.

4c (Code:) (Expenses \$ **3,161,097** including grants of \$ **0**) (Revenue \$ **6,052,057**)
 The organization was awarded a \$95mil OTA contract vehicle by the US Army Ground Vehicle System Center to support advanced manufacturing prototype and development

(Code:) (Expenses \$ **34,634** including grants of \$ **0**) (Revenue \$ **84,000**)
 GEDA

(Code:) (Expenses \$ **4,181** including grants of \$ **0**) (Revenue \$ **3,928**)
 KSTC NSF 1

(Code:) (Expenses \$ **280,840** including grants of \$ **0**) (Revenue \$ **672,839**)
 SWRI GAMMA H and HPAF

(Code:) (Expenses \$ **165,685** including grants of \$ **0**) (Revenue \$ **156,306**)
 Virginia Tech ReVAMMP

(Code:) (Expenses \$ **525,231** including grants of \$ **0**) (Revenue \$ **623,249**)
 NCDMM Common Qualification

(Code:) (Expenses \$ **130,107** including grants of \$ **0**) (Revenue \$ **125,080**)
 FSU InSPIRE

4d Other program services (Describe in Schedule O.)
 (Expenses \$ **1,140,678** including grants of \$ **0**) (Revenue \$ **1,665,402**)

4e Total program service expenses **5,460,383**

Part IV Checklist of Required Schedules

1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete	<input type="checkbox"/>	Yes	No
	<input type="checkbox"/>	Yes	

Schedule A		1	
2	Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> ? See instructions.	2	No
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I</i>	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 Rev. Proc. 98-19? <i>If "Yes," complete Schedule C, Part III</i>	5	No
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I</i>	6	No
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? <i>If "Yes," complete Schedule D, Part II</i>	7	No
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i>	8	No
9	Did the organization report an amount in Part X, line 21 for escrow or custodial account liability; serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV</i>	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, VII, VIII, IX, or X, as applicable.		
a	Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI</i>	11a	Yes
b	Did the organization report an amount for investments—other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII</i>	11b	No
c	Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII</i>	11c	No
d	Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX</i>	11d	No
e	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i>	11e	Yes
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X</i>	11f	No
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	No
b	Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional</i>	12b	No
13	Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>	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? <i>If "Yes," complete Schedule F, Parts I and IV</i>	14b	No
15	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? <i>If "Yes," complete Schedule F, Parts II and IV</i>	15	No
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? <i>If "Yes," complete Schedule F, Parts III and IV</i>	16	No
17	Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I</i> . See instructions.	17	No
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II</i>	18	No
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III</i>	19	No
20a	Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>	20a	No
b	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b	
21	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? <i>If "Yes," complete Schedule I, Parts I and II</i>	21	No

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Part IV Checklist of Required Schedules (continued)

		Yes	No
22	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? <i>If "Yes," complete Schedule I, Parts I and III</i>		No
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5, about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i>	Yes	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and</i>		

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		
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?	24c		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d		
25a	Section 501(c)(3), 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
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? If "Yes," complete Schedule L, Part I	25b		No
26	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
27	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? If "Yes," complete Schedule L, Part III	27		No
28	Was the organization a party to a business transaction with one of the following parties (see the Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions):			
a	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
c	A 35% controlled entity of one or more individuals and/or organizations described in line 28a or 28b? If "Yes," complete Schedule L, Part IV	28c		No
29	Did the organization receive more than \$25,000 in non-cash contributions? If "Yes," complete Schedule M	29		No
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? If "Yes," complete Schedule M	30		No
31	Did the organization liquidate, terminate, or dissolve and cease operations? If "Yes," complete Schedule N, Part I	31		No
32	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
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? If "Yes," complete Schedule R, Part I	33		No
34	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
35a	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		
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? If "Yes," complete Schedule R, Part V, line 2	36		No
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? If "Yes," complete Schedule R, Part VI	37		No
38	Did the organization complete Schedule O and provide explanations on Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O.	38	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance				
Check if Schedule O contains a response or note to any line in this Part V				<input type="checkbox"/>
1a	Enter the number reported in box 3 of Form 1096. Enter -0- if not applicable	1a	16	
b	Enter the number of Forms W-2G included on line 1a. Enter -0- if not applicable	1b	0	
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c	Yes	

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Part V 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	2a	23	
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns?	2b	Yes	
3a	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		
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?	4a		No
b	If "Yes," enter the name of the foreign country: _____ See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).			
5a	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

c	If "Yes," to line 5a or 5b, did the organization file Form 8886-T?	5c		
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?	6a		No
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b		
7 Organizations that may receive deductible contributions under section 170(c).				
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	7a		No
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b		
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c		No
d	If "Yes," indicate the number of Forms 8282 filed during the year	7d	0	
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		No
9 Sponsoring organizations maintaining donor advised funds.				
a	Did the sponsoring organization make any taxable distributions under section 4966?	9a		No
b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?	9b		No
10 Section 501(c)(7) organizations. Enter:				
a	Initiation fees and capital contributions included on Part VIII, line 12	10a		
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	10b		
11 Section 501(c)(12) organizations. Enter:				
a	Gross income from members or shareholders	11a		
b	Gross income from other sources. (Do not net amounts due or paid to other sources against amounts due or received from them.)	11b		
12a Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?				
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	12b		
13 Section 501(c)(29) qualified nonprofit health insurance issuers.				
a	Is the organization licensed to issue qualified health plans in more than one state? Note. See the instructions for additional information the organization must report on Schedule O.	13a		
b	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans	13b		
c	Enter the amount of reserves on hand	13c		
14a Did the organization receive any payments for indoor tanning services during the tax year?				
b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O	14b		No
15 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 the instructions and file Form 4720, Schedule N.				
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.				
17 Section 501(c)(21) organizations. Did the trust, or any disqualified or other person engage in any activities that would result in the imposition of an excise tax under section 4951, 4952, or 4953? If "Yes," complete Form 6069.				

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O.	7	
b	Enter the number of voting members included in line 1a, above, who are independent	4	
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2	No
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, or trustees, or key employees to a management company or other person?	3	No

of officers, directors or trustees, or key employees to a management company or other person:

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

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

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

Section C. Disclosure

17 List the states with which a copy of this Form 990 is required to be filed MD

18 Section 6104 requires an organization to make its Form 1023 (1024 or 1024-A, if applicable), 990, and 990-T (section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
 Own website Another's website Upon request Other (explain in Schedule O)

19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.

20 State the name, address, and telephone number of the person who possesses the organization's books and records:
 Neal Orringer 6701 Democracy Blvd Bethesda, MD 20817 (202) 309-2432

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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 VII

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

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

- List all of the organization's current officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
 - List all of the organization's current key employees, if any. See the 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, box 6 of Form 1099-MISC, and/or box 1 of Form 1099-NEC) of more than \$100,000 from the organization and any related organizations.
 - List all of the organization's former officers, key employees, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
 - List all of the organization's former directors or trustees that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.
- See the instructions for the order in which to list the persons above.

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

(A)	(B)	(C)	(D)	(E)	(F)
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Name and title	Average hours per week (list any hours for related organizations below dotted line)	Position (do not check more than one box, unless person is both an officer and a director/trustee)						Reportable compensation from the organization (W-2/1099-MISC/1099-NEC)	Reportable compensation from related organizations (W-2/1099-MISC/1099-NEC)	Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) Brett Lambert Board Member	1.00 0.00	X						0	0	0
(2) Tracie Potts Board Member	1.00 0.00	X						0	0	0
(3) Jim Williams Board Member	1.00 0.00	X						0	0	0
(4) Bridget McGraw Board Member	1.00 0.00	X						0	0	0
(5) Neal Orringer President CEO	40.00 0.00	X		X				281,000	0	0
(6) Jason Gorey Executive Director	40.00 0.00	X		X				281,000	0	0
(7) Michael Maher CTO	40.00 0.00	X		X				205,769	0	0
(8) Daniel Burke CFO	40.00 0.00			X				211,769	0	0
(9) Jared Blecher General Manager	40.00 0.00					X		224,000	0	0
(10) Noah Barnhill General Manager	40.00 0.00					X		172,500	0	0
(11) Debbie Holton Senior VP	20.00 0.00					X		133,325	0	0
(12) John Christensen VP Strategy	20.00 0.00					X		131,335	0	0
(13) Bill Tredway ASTRO Fellow	20.00 0.00					X		112,581	0	0

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

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC/1099-NEC)	(E) Reportable compensation from related organizations (W-2/1099-MISC/1099-NEC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			

Contributions and Other Support	Related organizations	1d
	0	
	Government grants (contributions)	1e
	0	
	All other contributions, gifts, grants, and similar amounts not included above	1f
	0	
g	Noncash contributions included in lines 1a - 1f:\$	1g
	0	
h Total. Add lines 1a-1f		0

		Business Code					
Program Service Revenue	2a Scientific research and development services	541700	8,767,459	0	0	0	
			0	0	0	0	
			0	0	0	0	
			0	0	0	0	
			0	0	0	0	
			0	0	0	0	
		f All other program service revenue.		0	0	0	0
g Total. Add lines 2a-2f.			8,767,459				
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts)		16,245	0	0	0	
	4 Income from investment of tax-exempt bond proceeds		0	0	0	0	
	5 Royalties		0	0	0	0	
	6a Gross rents	6a	(i) Real	0	(ii) Personal	0	
		6b		0		0	
		6c		0		0	
		d	Net rental income or (loss)		0	0	0
	7a Gross amount from sales of assets other than inventory	7a	(i) Securities	0	(ii) Other	0	
		7b		0		0	
		7c		0		0	
		d	Net gain or (loss)		0	0	0
	8a Gross income from fundraising events (not including \$ 0 of contributions reported on line 1c). See Part IV, line 18	8a					0
		8b					0
		c	Net income or (loss) from fundraising events		0	0	0
	9a Gross income from gaming activities. See Part IV, line 19	9a					0
9b						0	
c		Net income or (loss) from gaming activities		0	0	0	
10a Gross sales of inventory, less returns and allowances	10a					0	
	10b					0	
	c	Net income or (loss) from sales of inventory		0	0	0	
11a		Business Code					
	b		0	0	0	0	

Other Revenue Misc Amt		0	0	0	0
d All other revenue		0	0	0	0
e Total. Add lines 11a-11d		0			
12 Total revenue. See instructions		8,783,704	0	0	0

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Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21	0	0		
2 Grants and other assistance to domestic individuals. See Part IV, line 22	0	0		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16.	0	0		
4 Benefits paid to or for members	0	0		
5 Compensation of current officers, directors, trustees, and key employees	979,539	608,652	370,887	0
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	0	0	0	0
7 Other salaries and wages	1,633,858	1,633,858	0	0
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	63,834	54,742	9,092	0
9 Other employee benefits	52,952	45,435	7,517	0
10 Payroll taxes	182,699	156,764	25,935	0
11 Fees for services (non-employees):				
a Management	2,737	2,737	0	0
b Legal	5,000	5,000	0	0
c Accounting	15,600	0	15,600	0
d Lobbying	0	0	0	0
e Professional fundraising services. See Part IV, line 17	0			0
f Investment management fees	0	0	0	0
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O.)	1,309,656	1,309,656	0	0
12 Advertising and promotion	8,206	0	8,206	0
13 Office expenses	13,343	9,988	3,355	0
14 Information technology	50,054	25,027	25,027	0
15 Royalties	0	0	0	0
16 Occupancy	57,138	55,415	1,723	0
17 Travel	353,731	290,617	63,114	0
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	0	0	0	0
19 Conferences, conventions, and meetings	34,570	8,392	26,178	0
20 Interest	82,400	56,281	26,119	0
21 Payments to affiliates	0	0	0	0
22 Depreciation, depletion, and amortization	192,702	186,539	6,163	0
23 Insurance	17,942	8,971	8,971	0
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 Project Direct Material	1,580	1,580	0	0
b Project Direct Cost	727,586	727,586	0	0
c Business Development	170,988	170,988	0	0
d Payroll Processing Fees	56,885	48,810	8,075	0
e All other expenses	60,124	53,345	6,779	0
25 Total functional expenses. Add lines 1 through 24e	6,073,124	5,460,383	612,741	0
26 Joint costs. Complete this line only if the organization	0	0	0	0

reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here if following SOP 98-2 (ASC 958-720).

Part X **Balance Sheet**

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

		(A) Beginning of year		(B) End of year
Assets	1 Cash—non-interest-bearing	1,535,156	1	1,638,375
	2 Savings and temporary cash investments	0	2	0
	3 Pledges and grants receivable, net	0	3	0
	4 Accounts receivable, net	613,219	4	2,049,591
	5 Loans and other receivables from 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	0	5	0
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B)	0	6	0
	7 Notes and loans receivable, net	0	7	0
	8 Inventories for sale or use	0	8	0
	9 Prepaid expenses and deferred charges	0	9	11,828
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	2,477,804		
	b Less: accumulated depreciation	235,491	8,942	2,242,313
	11 Investments—publicly traded securities	0	11	0
	12 Investments—other securities. See Part IV, line 11	0	12	0
	13 Investments—program-related. See Part IV, line 11	0	13	0
	14 Intangible assets	0	14	0
	15 Other assets. See Part IV, line 11	0	15	0
16 Total assets. Add lines 1 through 15 (must equal line 33)	2,157,317	16	5,942,107	
Liabilities	17 Accounts payable and accrued expenses	503,388	17	322,027
	18 Grants payable	0	18	0
	19 Deferred revenue	0	19	0
	20 Tax-exempt bond liabilities	0	20	0
	21 Escrow or custodial account liability. Complete Part IV of Schedule D	0	21	0
	22 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	0	22	0
	23 Secured mortgages and notes payable to unrelated third parties	0	23	1,150,728
	24 Unsecured notes and loans payable to unrelated third parties	0	24	0
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17 - 24). Complete Part X of Schedule D	0	25	104,843
	26 Total liabilities. Add lines 17 through 25	503,388	26	1,577,598
Net Assets or Fund Balances	Organizations that follow FASB ASC 958, check here <input checked="" type="checkbox"/> and complete lines 27, 28, 32, and 33.			
	27 Net assets without donor restrictions	1,653,929	27	4,364,509
	28 Net assets with donor restrictions	0	28	0
	Organizations that do not follow FASB ASC 958, check here <input type="checkbox"/> and complete lines 29 through 33.			
	29 Capital stock or trust principal, or current funds		29	
	30 Paid-in or capital surplus, or land, building or equipment fund		30	
	31 Retained earnings, endowment, accumulated income, or other funds		31	
	32 Total net assets or fund balances	1,653,929	32	4,364,509
33 Total liabilities and net assets/fund balances	2,157,317	33	5,942,107	

Part XI **Reconciliation of Net Assets**

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

1 Total revenue (must equal Part VIII, column (A), line 12)	1	8,783,704
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2	Total expenses (must equal Part IX, column (A), line 25)	2	6,073,124
3	Revenue less expenses. Subtract line 2 from line 1	3	2,710,580
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	1,653,929
5	Net unrealized gains (losses) on investments	5	0
6	Donated services and use of facilities	6	0
7	Investment expenses	7	0
8	Prior period adjustments	8	0
9	Other changes in net assets or fund balances (explain in Schedule O)	9	0
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (B))	10	4,364,509

Part XII Financial Statements and Reporting

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

1 Accounting method used to prepare the Form 990: Cash Accrual Other _____
 If the organization changed its method of accounting from a prior year or checked "Other," explain on Schedule O.

2a Were the organization's financial statements compiled or reviewed by an independent accountant?
 If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both:

Separate basis Consolidated basis Both consolidated and separate basis

b Were the organization's financial statements audited by an independent accountant?
 If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both:

Separate basis Consolidated basis Both consolidated and separate basis

c If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant?
 If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.

3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Uniform Guidance, 2 C.F.R. Part 200, Subpart F?

b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits.

	Yes	No
2a	Yes	
2b		No
2c		
3a		No
3b		

Form 990 (2024)

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Additional Data

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Software ID: 24020569

SCHEDULE A (Form 990)

Department of the Treasury Internal Revenue Service

Public Charity Status and Public Support Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust. Attach to Form 990 or Form 990-EZ. Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2024

Open to Public Inspection

Table with 2 columns: Name of the organization (APPLIED SCIENCE AND TECHNOLOGY RESEARCH ORGANIZATION OF AMERICAS) and Employer identification number (83-0891239)

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

The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.)

- 1 A church, convention of churches, or association of churches described in section 170(b)(1)(A)(i).
2 A school described in section 170(b)(1)(A)(ii).
3 A hospital or a cooperative hospital service organization described in section 170(b)(1)(A)(iii).
4 A medical research organization operated in conjunction with a hospital described in section 170(b)(1)(A)(iii).
5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in section 170(b)(1)(A)(iv).
6 A federal, state, or local government or governmental unit described in section 170(b)(1)(A)(v).
7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in section 170(b)(1)(A)(vi).
8 A community trust described in section 170(b)(1)(A)(vi).
9 An agricultural research organization described in 170(b)(1)(A)(ix) operated in conjunction with a land-grant college or university or a non-land grant college of agriculture.
10 An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions...
11 An organization organized and operated exclusively to test for public safety.
12 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2).
a Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization.
b Type II. A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s).
c Type III functionally integrated. A supporting organization operated in connection with, and functionally integrated with, its supported organization(s).
d Type III non-functionally integrated. A supporting organization operated in connection with its supported organization(s) that is not functionally integrated.
e Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
f Enter the number of supported organizations

Table with 6 columns: (i) Name of supported organization, (ii) EIN, (iii) Type of organization, (iv) Is the organization listed in your governing document?, (v) Amount of monetary support, (vi) Amount of other support. Includes a Total row.

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

Section A. Public Support

Table with 7 columns: Calendar year (or fiscal year beginning in), (a) 2020, (b) 2021, (c) 2022, (d) 2023, (e) 2024, (f) Total. Rows include Gifts, grants, contributions, and membership fees received; Tax revenues levied for the organization's benefit; and The value of services or facilities.

4	Total. Add lines 1 through 3					
5	The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f) . . .					
6	Public support. Subtract line 5 from line 4.					

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2020	(b) 2021	(c) 2022	(d) 2023	(e) 2024	(f) Total
7	Amounts from line 4. . .					
8	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources. . .					
9	Net income from unrelated business activities, whether or not the business is regularly carried on. . .					
10	Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.). . .					
11	Total support. Add lines 7 through 10					
12	Gross receipts from related activities, etc. (see instructions)				12	
13	First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here <input type="checkbox"/>					

Section C. Computation of Public Support Percentage

14	Public support percentage for 2024 (line 6, column (f) divided by line 11, column (f))	14	
15	Public support percentage for 2023 Schedule A, Part II, line 14	15	
16a	33 1/3% support test—2024. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization <input type="checkbox"/>		
b	33 1/3% support test—2023. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization <input type="checkbox"/>		
17a	10%-facts-and-circumstances test—2024. 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 organization <input type="checkbox"/>		
b	10%-facts-and-circumstances test—2023. 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 supported organization <input type="checkbox"/>		
18	Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions <input type="checkbox"/>		

Schedule A (Form 990) 2024

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2020	(b) 2021	(c) 2022	(d) 2023	(e) 2024	(f) Total
1	0	0	0	0	0	0
2	470,963	928,326	5,143,379	3,192,206	0	9,734,874
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	470,963	928,326	5,143,379	3,192,206	0	9,734,874
7a	0	0	0	0	0	0
b	0	0	0	0	0	0
c	0	0	0	0	0	0
8						9,734,874

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2020	(b) 2021	(c) 2022	(d) 2023	(e) 2024	(f) Total
9 Amounts from line 6.	470,963	928,326	5,143,379	3,192,206	0	9,734,874
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources.	0	0	0	0	0	0
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975.	0	0	0	0	0	0
c Add lines 10a and 10b.	0	0	0	0	0	0
11 Net income from unrelated business activities not included on line 10b, whether or not the business is regularly carried on.	0	0	0	0	0	0
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	0	0	0	0	0	0
13 Total support. (Add lines 9, 10c, 11, and 12.)	470,963	928,326	5,143,379	3,192,206	0	9,734,874
14 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here. <input checked="" type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2024 (line 8, column (f) divided by line 13, column (f))	15	
16 Public support percentage from 2023 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2024 (line 10c, column (f) divided by line 13, column (f))	17	
18 Investment income percentage from 2023 Schedule A, Part III, line 17	18	

- 19a 33 1/3% support tests-2024.** If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization
- b 33 1/3% support tests—2023.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization
- 20 Private foundation.** If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions

Schedule A (Form 990) 2024

Part IV Supporting Organizations

(Complete only if you checked a box on line 12 of Part I. If you checked box 12a, of Part I, complete Sections A and B. If you checked 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.		
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).		
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.		
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.		
c 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.		
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.		
c 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.		
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 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 amendment to the organizing document).		
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other 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 organization's supported organizations? If "Yes," provide detail in Part VI .		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in		

Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (as defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990) .		7		
8	Did the organization make a loan to a disqualified person (as defined in section 4958) not described on line 7? If "Yes," complete Part I of Schedule L (Form 990).	8		
9a	Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons, as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in Part VI .	9a		
b	Did one or more disqualified persons (as defined on line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in Part VI .	9b		
c	Did a disqualified person (as defined on line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in Part VI .	9c		
10a	Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes," answer line 10b below.	10a		
b	Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings).	10b		

Schedule A (Form 990) 2024

Part IV Supporting Organizations (continued)

		Yes	No
11	Has the organization accepted a gift or contribution from any of the following persons?		
a	A person who directly or indirectly controls, either alone or together with persons described on lines 11b and 11c below, the governing body of a supported organization?	11a	
b	A family member of a person described on 11a above?	11b	
c	A 35% controlled entity of a person described on line 11a or 11b above? If "Yes" to 11a, 11b, or 11c, provide detail in Part VI .	11c	

Section 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	
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	

Section C. Type II 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	

Section 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 documents in effect on the date of notification, to the extent not previously provided?	1	
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).	2	
3	By reason of the relationship described in line 2 above, did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of 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.	3	

Section 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 instructions):		
a	<input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.		
b	<input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.		
c	<input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions)		
2	Activities Test. Answer lines 2a and 2b below.		
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 on line 2a. above 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		
3a		
3b		

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.
- b** Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? If "Yes," describe in Part VI. the role played by the organization in this regard.

Part V 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.

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1 Net short-term capital gain	1		
2 Recoveries of prior-year distributions	2		
3 Other gross income (see instructions)	3		
4 Add lines 1 through 3	4		
5 Depreciation and depletion	5		
6 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)	6		
7 Other expenses (see instructions)	7		
8 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	1b		
c 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		
5 Income tax imposed in prior year	5		
6 Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6		
7 <input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)			

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations (continued)

Section D - Distributions		Current Year	
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		

Administrative expenses paid to accomplish exempt purposes of supported organizations	
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 (provide details in Part VI). See instructions	8
9 Distributable amount for 2024 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) Underdistributions Pre-2024	(iii) Distributable Amount for 2024
1 Distributable amount for 2024 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2024 (reasonable cause required-- explain in Part VI). See instructions.			
3 Excess distributions carryover, if any, to 2024:			
a From 2019.			
b From 2020.			
c From 2021.			
d From 2022.			
e From 2023.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2024 distributable amount			
i Carryover from 2019 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from line 3f.			
4 Distributions for 2024 from Section D, line 7:			
\$			
a Applied to underdistributions of prior years			
b Applied to 2024 distributable amount			
c Remainder. Subtract lines 4a and 4b from line 4.			
5 Remaining underdistributions for years prior to 2024, if any. Subtract lines 3g and 4a from line 2. If the amount is greater than zero, explain in Part VI . See instructions.			
6 Remaining underdistributions for 2024. 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 2025. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2020.			
b Excess from 2021.			
c Excess from 2022.			
d Excess from 2023.			
e Excess from 2024.			

Schedule A (Form 990) (2024)

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

Return Reference	Explanation
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Schedule A (Form 990) 2024

Additional Data

Return to Form

Software ID:

Software Version:

SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No. 1545-0047

Department of the Treasury Internal Revenue Service

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 Inspection

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

Table with 2 columns: Name of the organization (APPLIED SCIENCE AND TECHNOLOGY RESEARCH ORGANIZATION OF AMERICAS) and Employer identification number (83-0891239)

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

Table with 3 columns: Question number, (a) Donor advised funds, (b) Funds and other accounts. Includes questions 1-6 regarding donor advised funds.

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

Table with 3 columns: Question number, Description, and Held at the End of the Year (2a-2d). Includes questions 1-9 regarding conservation easements.

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

Table with 3 columns: Question number, Description, and Amount. Includes questions 1a-1b and 2a-2b regarding art and historical treasures.

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

Table with 3 columns: Question number, Description, and Amount. Includes question 3 regarding collection items.

Public exhibition

Loan or exchange programs

b Scholarly research

e Other

c Preservation for future generations

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

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

Part IV Escrow and Custodial Arrangements.

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

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

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

	Amount
c Beginning balance	1c
d Additions during the year	1d
e Distributions during the year	1e
f Ending balance	1f

2a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? . . . Yes No

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

Part V Endowment Funds.

Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance					
b Contributions					
c Net investment earnings, gains, and losses					
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance					

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

- a** Board designated or quasi-endowment ▶
- b** Permanent endowment ▶
- c** Term endowment ▶

The percentages on lines 2a, 2b, and 2c should equal 100%.

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

- (i)** Unrelated organizations
- (ii)** Related organizations

	Yes	No
3a(i)		
3a(ii)		
3b		

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

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

Part VI Land, Buildings, and Equipment.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements	147,199		23,502	123,697
d Equipment	2,172,972		169,201	2,003,773
e Other	157,632		42,789	114,843
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).) . . . ▶				2,242,313

Schedule D (Form 990) (Rev. 1-2025)

Part VII Investments - Other Securities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other _____		
(A)		
(B)		
(C)		

(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (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, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col.(B) line 13.)		

Part IX Other Assets.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col.(B) line 15.)	

Part X Other Liabilities.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
Lease Liability	104,843
Total. (Column (b) must equal Form 990, Part X, col.(B) line 25.)	104,843

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII

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

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

1	Total revenue, gains, and other support per audited financial statements		1	
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:			
a	Net unrealized gains (losses) on investments	2a		
b	Donated services and use of facilities	2b		
c	Recoveries of prior year grants	2c		
d	Other (Describe in Part XIII.)	2d		
e	Add lines 2a through 2d		2e	
3	Subtract line 2e from line 1		3	
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b		4c	
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12.)		5	

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

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

1	Total expenses and losses per audited financial statements		1	
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:			
a	Donated services and use of facilities	2a		
b	Prior year adjustments	2b		
c	Other losses	2c		
d	Other (Describe in Part XIII.)	2d		
e	Add lines 2a through 2d		2e	
3	Subtract line 2e from line 1		3	
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b		4c	
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18.)		5	

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

Return Reference	Explanation
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Schedule D (Form 990) (Rev. 1-2025)

Additional Data

[Return to Form](#)

Software ID:
Software Version:

Schedule J (Form 990) (Rev. January 2025) Department of the Treasury Internal Revenue Service	<h3 style="margin:0;">Compensation Information</h3> <p style="margin:0;">For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees</p> <p style="margin:0;">▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23.</p> <p style="margin:0;">▶ Attach to Form 990.</p> <p style="margin:0;">▶ Go to www.irs.gov/Form990 for instructions and the latest information.</p>	OMB No. 1545-0047 Open to Public Inspection
Name of the organization APPLIED SCIENCE AND TECHNOLOGY RESEARCH ORGANIZATION OF AMERICAS		Employer identification number 83-0891239

Part I Questions Regarding Compensation	Yes	No									
1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items. <table style="width:100%; margin-top: 5px;"> <tr> <td><input type="checkbox"/> First-class or charter travel</td> <td><input type="checkbox"/> Housing allowance or residence for personal use</td> </tr> <tr> <td><input type="checkbox"/> Travel for companions</td> <td><input type="checkbox"/> Payments for business use of personal residence</td> </tr> <tr> <td><input type="checkbox"/> Tax idemnification and gross-up payments</td> <td><input type="checkbox"/> Health or social club dues or initiation fees</td> </tr> <tr> <td><input type="checkbox"/> Discretionary spending account</td> <td><input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)</td> </tr> </table>	<input type="checkbox"/> First-class or charter travel	<input type="checkbox"/> Housing allowance or residence for personal use	<input type="checkbox"/> Travel for companions	<input type="checkbox"/> Payments for business use of personal residence	<input type="checkbox"/> Tax idemnification and gross-up payments	<input type="checkbox"/> Health or social club dues or initiation fees	<input type="checkbox"/> Discretionary spending account	<input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)			
<input type="checkbox"/> First-class or charter travel	<input type="checkbox"/> Housing allowance or residence for personal use										
<input type="checkbox"/> Travel for companions	<input type="checkbox"/> Payments for business use of personal residence										
<input type="checkbox"/> Tax idemnification and gross-up payments	<input type="checkbox"/> Health or social club dues or initiation fees										
<input type="checkbox"/> Discretionary spending account	<input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)										
b If any of the boxes on Line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain.	1b										
2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked on Line 1a?	2										
3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III. <table style="width:100%; margin-top: 5px;"> <tr> <td><input checked="" type="checkbox"/> Compensation committee</td> <td><input type="checkbox"/> Written employment contract</td> </tr> <tr> <td><input type="checkbox"/> Independent compensation consultant</td> <td><input type="checkbox"/> Compensation survey or study</td> </tr> <tr> <td><input checked="" type="checkbox"/> Form 990 of other organizations</td> <td><input checked="" type="checkbox"/> Approval by the board or compensation committee</td> </tr> </table>	<input checked="" type="checkbox"/> Compensation committee	<input type="checkbox"/> Written employment contract	<input type="checkbox"/> Independent compensation consultant	<input type="checkbox"/> Compensation survey or study	<input checked="" type="checkbox"/> Form 990 of other organizations	<input checked="" type="checkbox"/> Approval by the board or compensation committee					
<input checked="" type="checkbox"/> Compensation committee	<input type="checkbox"/> Written employment contract										
<input type="checkbox"/> Independent compensation consultant	<input type="checkbox"/> Compensation survey or study										
<input checked="" type="checkbox"/> Form 990 of other organizations	<input checked="" type="checkbox"/> Approval by the board or compensation committee										
4 During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization: <table style="width:100%; margin-top: 5px;"> <tr> <td>a Receive a severance payment or change-of-control payment?</td> <td style="text-align: center;">4a</td> <td style="text-align: center;">No</td> </tr> <tr> <td>b Participate in, or receive payment from, a supplemental nonqualified retirement plan?</td> <td style="text-align: center;">4b</td> <td style="text-align: center;">No</td> </tr> <tr> <td>c Participate in, or receive payment from, an equity-based compensation arrangement?</td> <td style="text-align: center;">4c</td> <td style="text-align: center;">No</td> </tr> </table> If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.	a Receive a severance payment or change-of-control payment?	4a	No	b Participate in, or receive payment from, a supplemental nonqualified retirement plan?	4b	No	c Participate in, or receive payment from, an equity-based compensation arrangement?	4c	No		
a Receive a severance payment or change-of-control payment?	4a	No									
b Participate in, or receive payment from, a supplemental nonqualified retirement plan?	4b	No									
c Participate in, or receive payment from, an equity-based compensation arrangement?	4c	No									
Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.											
5 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of: <table style="width:100%; margin-top: 5px;"> <tr> <td>a The organization?</td> <td style="text-align: center;">5a</td> <td style="text-align: center;">No</td> </tr> <tr> <td>b Any related organization?</td> <td style="text-align: center;">5b</td> <td style="text-align: center;">No</td> </tr> </table> If "Yes," on line 5a or 5b, describe in Part III.	a The organization?	5a	No	b Any related organization?	5b	No					
a The organization?	5a	No									
b Any related organization?	5b	No									
6 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of: <table style="width:100%; margin-top: 5px;"> <tr> <td>a The organization?</td> <td style="text-align: center;">6a</td> <td style="text-align: center;">No</td> </tr> <tr> <td>b Any related organization?</td> <td style="text-align: center;">6b</td> <td style="text-align: center;">No</td> </tr> </table> If "Yes," on line 6a or 6b, describe in Part III.	a The organization?	6a	No	b Any related organization?	6b	No					
a The organization?	6a	No									
b Any related organization?	6b	No									
7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described in lines 5 and 6? If "Yes," describe in Part III.	7	No									
8 Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III.	8	No									
9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?	9										

For Paperwork Reduction Act Notice, see the Instructions for Form 990. Cat. No. 50053T Schedule J (Form 990) (Rev. 1-2025)

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

(A) Name and Title		(B) Breakdown of W-2, 1099-MISC compensation, and/or 1099-NEC			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1 Neal Orringer President CEO	(i)	200,000	81,000	0	4,308	0	285,308	0
	(ii)	0	0	0	0	0	0	0
2 Jason Gorey Executive Director	(i)	225,000	56,000	0	8,577	0	289,577	0
	(ii)	0	0	0	0	0	0	0
3 Michael Maher CTO	(i)	155,769	50,000	0	6,231	0	212,000	0
	(ii)	0	0	0	0	0	0	0
4 Daniel Burke CFO	(i)	155,769	50,000	0	0	2,615	208,384	0
	(ii)	0	0	0	0	0	0	0
5 Jared Blecher General Manager	(i)	200,000	24,000	0	0	7,114	231,114	0
	(ii)	0	0	0	0	0	0	0
6 Noah Barnhill General Manager	(i)	150,000	22,500	0	0	6,900	179,400	0
	(ii)	0	0	0	0	0	0	0
7 Debbie Holton Senior VP	(i)	122,325	10,000	0	0	3,797	136,122	0
	(ii)	0	0	0	0	0	0	0
8 John Christensen VP Strategy	(i)	122,753	8,582	0	0	0	131,335	0
	(ii)	0	0	0	0	0	0	0

		0	0	0	0	0	0	0
9 Bill Tredway ASTRO Fellow	(i)	104,781	7,800	0	0	3,075	115,656	0
	(ii)	0	0	0	0	0	0	0

Schedule J (Form 990) (Rev. 1-2025)

Schedule J (Form 990) (Rev. 1-2025)

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
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Schedule J (Form 990) (Rev. 1-2025)

Additional Data

Return to Form

Software ID:

Software Version:

[efile Public Visual Render](#) | **ObjectID: 202532209349300003 - Submission: 2025-08-07** | **TIN: 83-0891239**

SCHEDULE O (Form 990)

(Rev. January 2025)
Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

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

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

OMB No. 1545-0047

Open to Public Inspection

Name of the organization
APPLIED SCIENCE AND TECHNOLOGY RESEARCH ORGANIZATION OF AMERICAS

Employer identification number

83-0891239

Return Reference	Explanation
Part VI, Line 11a	Form is sent via email and then reviewed at a full board meeting
Part VI, Line 12c	PRINCIPAL OFFICERS OR MEMBERS OF A COMMITTEE INTERESTED PERSONS" MUST DISCLOSE THE EXISTENCE OF FINANCIAL INTERESTS THAT COULD GIVE RISE TO CONFLICTS AND PROVIDE ALL MATERIAL FACTS TO THE BOARD. THE BOARD WILL THEN DECIDE IF A CONFLICT OF INTEREST EXISTS OR APPOINT A 3RD PARTY TO INVESTIGATE. AFTER EXERCISING DUE DILIGENCE THE BOARD WILL DETERMINE WHETHER THE ORGANIZATION CAN OBTAIN WITH REASONABLE EFFORTS A MORE ADVANTAGEOUS TRANSACTION OR ARRANGEMENT FROM A PERSON OR ENTITY THAT WOULD NOT GIVE RISE TO A CONFLICT OF INTEREST. IF A MORE ADVANTAGEOUS TRANSACTION OR ARRANGEMENT IS NOT REASONABLY POSSIBLE UNDER CIRCUMSTANCES NOT PRODUCING A CONFLICT OF INTEREST THE BOARD WILL THEN DECIDE AS TO WHETHER TO ENTER INTO THE TRANSACTION OR ARRANGEMENT. THE POLICY IS DISTRIBUTED TO INTERESTED PERSONS ON AN ANNUAL BASIS. THE BOARD WILL TAKE APPROPRIATE DISCIPLINARY AND CORRECTIVE ACTION IF IT DETERMINES THAT AN INTERESTED PERSON FAILS TO DISCLOSE AN ACTUAL OR POSSIBLE CONFLICT OF INTEREST.
Part VI, Line 15	THE BOARD HAS LOOKED AT COMPENSATION OF OTHER NONPROFIT ORGANIZATIONS WITH SIMILAR MISSIONS TO DETERMINE SUITABLE COMPENSATION FOR TOP MANAGEMENT IN FUTURE YEARS.

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

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Schedule O (Form 990) (Rev. 1-2025)

Additional Data

Return to Form

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