

Form 990

Return of Organization Exempt From Income Tax

OMB No. 1545-0047

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.

2023

Open to Public Inspection

Department of the Treasury Internal Revenue Service

A For the 2023 calendar year, or tax year beginning 01-01-2023, and ending 12-31-2023

- B Check if applicable: Address change, Name change, Initial return, Final return/terminated, Amended return, Application pending

C Name of organization: APPLIED SCIENCE AND TECHNOLOGY RESEARCH ORGANIZATION OF AMERICAS. % Neal Orringer. Doing business as. Number and street (or P.O. box if mail is not delivered to street address): 3200 69TH AVE STE 2. Room/suite. City or town, state or province, country, and ZIP or foreign postal code: MOLINE, IL 612659606

D Employer identification number: 83-0891239. E Telephone number: (216) 633-6061. G Gross receipts \$ 3,251,733

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? Yes No. H(b) Are all subordinates included? Yes No. H(c) Group exemption number

I Tax-exempt status: 501(c)(3), 501(c) () (insert no.), 4947(a)(1) or 527

J Website: www.astroa.org

K Form of organization: Corporation, Trust, Association, Other

L Year of formation: 2018

M State of legal domicile:

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 columns 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

Sign Here	Signature of officer Neal Orringer President			Date 2024-08-20	
	Type or print name and title				
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** (2023)

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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:
SEE SCHEDULE O

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 \$ 1,762,447 including grants of \$ 0) (Revenue \$ 1,157,475)
IN 2022 THE ORGANIZATION WAS AWARDED A \$95,000,000 OTA CONTRACT VEHICLE BY THE U.S. ARMY GROUND VEHICLE SYSTEM CENTER TO SUPPORT ADVANCED MANUFACTURING PROTOTYPE AND DEVELOPMENT.

4b (Code:) (Expenses \$ 286,309 including grants of \$ 0) (Revenue \$ 500,000)
THE ORGANIZATION INITIATED PUBLIC-PRIVATE PARTNERSHIPS CALLED AM FORWARD ON BEHALF OF SEVEN MAJOR U.S. CORPORATIONS AND THE U.S. GOVERNMENT. THROUGH THIS EFFORT WE ARE RESPONSIBLE FOR IMPLEMENTING AND COORDINATING ACTIVITIES THAT WILL STRENGTHEN SMALL AND MEDIUM BUSINESSES CAPABILITIES VIA TECHNOLOGY INSERTION AND ADOPTION.

4c (Code:) (Expenses \$ 254,919 including grants of \$ 0) (Revenue \$ 292,200)
THE ORGANIZATION WAS AWARDED CONTRACTS BY THE GOVERNMENT OF GUAM TO ASSESS AND ADVISE ON THE DEVELOPMENT OF AN ADDITIVE MANUFACTURING SECTOR ON THE ISLAND.

4d Other program services (Describe in Schedule O.)
(Expenses \$ 928,547 including grants of \$ 0) (Revenue \$ 0)

4e Total program service expenses 3,232,222

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Part IV **Checklist of Required Schedules**

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A	Yes	
2 Is the organization required to complete Schedule B, Schedule of Contributors? See instructions.		No
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I		No
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II		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? If "Yes," complete Schedule C, Part III		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>		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>		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>		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>		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>		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>	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>		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>		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>	Yes	
e	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i>	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>		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>		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>		No
13	Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>		No
14a	Did the organization maintain an office, employees, or agents outside of the United States?		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>		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>		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>		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. See instructions.</i>		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>		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>		No
20a	Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		No
b	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
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>		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 complete Schedule K. If "No," go to line 25a</i>		No
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		

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? <i>If "Yes," complete Schedule L, Part I</i>	25a		No
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>	25b		No
26	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? <i>If "Yes," complete Schedule L, Part II</i>	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? <i>If "Yes," complete Schedule L, Part III</i>	27		No
28	Was the organization a party to a business transaction with one of the following parties (see 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? <i>If "Yes," complete Schedule L, Part IV</i>	28a		No
b	A family member of any individual described in line 28a? <i>If "Yes," complete Schedule L, Part IV</i>	28b		No
c	A 35% controlled entity of one or more individuals and/or organizations described in line 28a or 28b? <i>If "Yes," complete Schedule L, Part IV</i>	28c		No
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29		No
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>	30		No
31	Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31		No
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>	32		No
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>	33		No
34	Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i>	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)? <i>If "Yes," complete Schedule R, Part V, line 2</i>	35b		
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>	36		No
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>	37		No
38	Did the organization complete Schedule O and provide explanations 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

		Yes	No
1a	Enter the number reported in box 3 of Form 1096. Enter -0- if not applicable		
1b	Enter the number of Forms W-2G included on line 1a. Enter -0- if not applicable		
1c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	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		12		
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? <i>If "No" to line 3b, provide an explanation in Schedule O</i>	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? **12a**

b If "Yes," enter the amount of tax-exempt interest received or accrued during the year. **12b**

13 Section 501(c)(29) qualified nonprofit health insurance issuers.

a Is the organization licensed to issue qualified health plans in more than one state? **13a**
Note. See the instructions for additional information the organization must report on Schedule O.

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? **14a** No

b If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O **14b**

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? **15** No
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? **16** No
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? **17**
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

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members of the governing body at the end of the tax year; 1b Enter the number of voting members included in line 1a, above, who are independent; 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?; 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?; 4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?; 5 Did the organization become aware during the year of a significant diversion of the organization's assets?; 6 Did the organization have members or stockholders?; 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?; 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?; 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: 8a The governing body?; 8b Each committee with authority to act on behalf of the governing body?; 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.

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

Table with 3 columns: Question, Yes, No. Rows include: 10a Did the organization have local chapters, branches, or affiliates?; 10b 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?; 11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?; 11b 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.; 12b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?; 12c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe on Schedule O how this was done.; 13 Did the organization have a written whistleblower policy?; 14 Did the organization have a written document retention and destruction policy?; 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 The organization's CEO, Executive Director, or top management official; 15b Other officers or key employees of the organization; 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?; 16b 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?

Section C. Disclosure

Table with 2 columns: Question, Answer. Rows include: 17 List the states with which a copy of this Form 990 is required to be filed; 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 [x] 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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June 000
Washington, DC 20001

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization 3

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Part VIII Statement of Revenue

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

	(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512 - 514
1a Federated campaigns				
Contributions, Gifts, Grants, and Membership dues	0			
1b Other similar amounts	0			
1c Fundraising events	0			
1d Related organizations	0			
1e Government grants (contributions)	0			
1f All other contributions, gifts, grants, and similar amounts not included above	0			
1g Noncash contributions included in lines 1a - 1f:\$	0			
h Total. Add lines 1a-1f	0			

2a	Business Code				
		(A)	(B)	(C)	(D)
Scientific research and development services	541700	3,192,206	3,192,206	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
9 Total. Add lines 2a-2f.		3,192,206			

3 Investment income (including dividends, interest, and other similar amounts)		57,519	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	0	
		(ii) Personal	0	0	
	b Less: rental expenses	6b	0	0	
	c Rental income or (loss)	6c	0	0	
d Net rental income or (loss)		0	0		0
7a Gross amount from sales of assets other than	7a	(i) Securities	0	0	
		(ii) Other	0	0	

Other Revenue	inventory						
	7b Less: cost or other basis and sales expenses	0	0				
	7c Gain or (loss)	0	0				
	d Net gain or (loss)		0	0	0	0	0
	8a Gross income from fundraising events (not including \$ 0 of contributions reported on line 1c). See Part IV, line 18		0				
	8b Less: direct expenses		0				
	c Net income or (loss) from fundraising events		0		0	0	0
	9a Gross income from gaming activities. See Part IV, line 19		0				
	9b Less: direct expenses		0				
	c Net income or (loss) from gaming activities		0	0	0	0	0
	10a Gross sales of inventory, less returns and allowances		0				
	10b Less: cost of goods sold		0				
c Net income or (loss) from sales of inventory		0	0	0	0	0	
11a	Business Code		0	0	0	0	
b			0	0	0	0	
Other Revenue Misc Amt			0	0	0	0	
d All other revenue			2,008	0	0	0	
e Total. Add lines 11a-11d			2,008				
12 Total revenue. See instructions			3,251,733	3,192,206	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	570,003	205,631	271,342	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	727,457	727,457	0	0
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	33,540	24,149	9,391	0
9 Other employee benefits	15,414	11,098	4,316	0
10 Payroll taxes	95,533	68,784	26,749	0

11 Fees for services (non-employees):				
a Management	0	0	0	0
b Legal	11,900	0	11,900	0
c Accounting	133,368	96,025	37,343	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)	0	0	0	0
12 Advertising and promotion	1,864	1,864	0	0
13 Office expenses	24,912	0	0	0
14 Information technology	16,694	12,020	4,674	0
15 Royalties	0	0	0	0
16 Occupancy	4,750	0	4,750	0
17 Travel	131,802	122,070	9,732	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	0	0	0	0
20 Interest	0	0	0	0
21 Payments to affiliates	0	0	0	0
22 Depreciation, depletion, and amortization	0	0	0	0
23 Insurance	0	0	0	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 Subcontractors and consultants	1,926,423	1,831,053	95,370	0
b Payroll and Bank Fees	51,693	37,219	14,474	0
c Project Direct Materials and ODC Costs	94,582	94,852	0	0
d Dues and Subscriptions	13,272	0	13,272	0
e All other expenses	0	0	0	0
25 Total functional expenses. Add lines 1 through 24e	3,853,207	3,232,222	503,313	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 <input type="checkbox"/> if following SOP 98-2 (ASC 958-720).	0	0	0	0

Form 990 (2023)

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	117,901	1	1,225,602
	2 Savings and temporary cash investments	0	2	309,554
	3 Pledges and grants receivable, net	0	3	0
	4 Accounts receivable, net	521,079	4	613,219
	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	0
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	8,941	10a	

	b Less: accumulated depreciation	10b	0		10c	8,941
	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		6,079,146	15		2,062,324
	16 Total assets. Add lines 1 through 15 (must equal line 33)		6,718,126	16		4,219,640
Liabilities	17 Accounts payable and accrued expenses		153,185	17		394,673
	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		0
	24 Unsecured notes and loans payable to unrelated third parties		0	24		0
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17 - 24). Complete Part X of Schedule D		2,743,025	25		815,937
	26 Total liabilities. Add lines 17 through 25		2,896,210	26		1,210,610
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		3,821,916	27		3,009,030
	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		3,821,916	32		3,009,030
33 Total liabilities and net assets/fund balances		6,718,126	33		4,219,640	

Form 990 (2023)

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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	3,251,733
2	Total expenses (must equal Part IX, column (A), line 25)	2	3,853,207
3	Revenue less expenses. Subtract line 2 from line 1	3	-601,474
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	3,821,916
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	-211,412
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	3,009,030

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:

	Yes	No
2a		No

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.

2b		No
2c		
3a		No
3b		

Form **990** (2023)

Form 990 (2023)

Additional Data

[Return to Form](#)

Software ID: 23017649

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

2023

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.)

- 1-12. Reason for public charity status options including: church, school, hospital, medical research, governmental unit, etc. Option 10 is checked.

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.

For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ. Cat. No. 11285F Schedule A (Form 990) 2023

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 Calendar year

Calendar year (or fiscal year beginning in) ▶	(a) 2019	(b) 2020	(c) 2021	(d) 2022	(e) 2023	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grant.")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge..						
4 Total. Add lines 1 through 3						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 Public support. Subtract line 5 from line 4.						

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2019	(b) 2020	(c) 2021	(d) 2022	(e) 2023	(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 2023 (line 6, column (f) divided by line 11, column (f))	14	
15 Public support percentage for 2022 Schedule A, Part II, line 14	15	
16a 33 1/3% support test—2023. 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—2022. 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—2023. 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—2022. 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) 2023

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) 2019	(b) 2020	(c) 2021	(d) 2022	(e) 2023	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	205	0	0	0	0	205
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	241,176	470,963	928,326	5,143,379	3,192,206	9,976,050
3 Gross receipts from activities that are not an unrelated trade or business under section 513	0	0	0	0	0	0
4 Tax revenues levied for the organization's benefit and either paid	0	0	0	0	0	0

	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	0	0	0	0	0	0
6 Total.	Add lines 1 through 5	241,381	470,963	928,326	5,143,379	3,192,206	9,976,255
7a	Amounts included on lines 1, 2, and 3 received from disqualified persons	0	0	0	0	0	0
b	Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year.	0	0	0	0	0	0
c	Add lines 7a and 7b.	0	0	0	0	0	0
8 Public support.	(Subtract line 7c from line 6.)						9,976,255

Section B. Total Support

Calendar year (or fiscal year beginning in)	(a) 2019	(b) 2020	(c) 2021	(d) 2022	(e) 2023	(f) Total
9 Amounts from line 6.	241,381	470,963	928,326	5,143,379	3,192,206	9,976,255
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.	241,381	470,963	928,326	5,143,379	3,192,206	9,976,255
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 2023 (line 8, column (f) divided by line 13, column (f))	15	
16	Public support percentage from 2022 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17	Investment income percentage for 2023 (line 10c, column (f) divided by line 13, column (f))	17	
18	Investment income percentage from 2022 Schedule A, Part III, line 17	18	

- 19a 33 1/3% support tests-2023.** 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-2022.** 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) 2023

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?		

ii 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 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).
- 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).
- 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.
- 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.
- 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.
- 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.
- 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).

3c		
4a		
4b		
4c		
5a		
5b		
5c		
6		
7		
8		
9a		
9b		
9c		
10a		
10b		

Schedule A (Form 990) 2023

Part IV Supporting Organizations (continued)

- 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?
 - b A family member of a person described on 11a above?
 - 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.

	Yes	No
11a		
11b		
11c		

Section B. Type I Supporting Organizations

- 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.
- 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.

	Yes	No
1		
2		

Section C. Type II Supporting Organizations

- 1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of

	Yes	No
1		

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		
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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 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.

c 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.

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.

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.

	Yes	No
2a		
2b		
3a		
3b		

Schedule A (Form 990) 2023

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			

<i>(explain in detail in Part VI):</i>			
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)		

Schedule A (Form 990) 2023

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	
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 2023 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-2023
1	Distributable amount for 2023 from Section C, line 6		
2	Underdistributions, if any, for years prior to 2023 (reasonable cause required-- explain in Part VI). See instructions.		
3	Excess distributions carryover, if any, to 2023:		
a	From 2018.		
b	From 2019.		
c	From 2020.		
d	From 2021.		
e	From 2022.		
f	Total of lines 3a through e		
g	Applied to underdistributions of prior years		
h	Applied to 2023 distributable amount		
i	Carryover from 2018 not applied (see instructions)		
j	Remainder. Subtract lines 3g, 3h, and 3i from line 3f.		
4	Distributions for 2023 from Section D, line 7: \$		
a	Applied to underdistributions of prior years		
b	Applied to 2023 distributable amount		

c Remainder. Subtract lines 4a and 4b from line 4.			
5 Remaining underdistributions for years prior to 2023, if any. Subtract lines 3g and 4a from line 2. If the amount is greater than zero, <i>explain in Part VI</i> . See instructions.			
6 Remaining underdistributions for 2023. Subtract lines 3h and 4b from line 1. If the amount is greater than zero, <i>explain in Part VI</i> . See instructions.			
7 Excess distributions carryover to 2024. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2019.			
b Excess from 2020.			
c Excess from 2021.			
d Excess from 2022.			
e Excess from 2023.			

Schedule A (Form 990) (2023)

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
Part III - Line 12	Year:, Amount:, Description: 2019, , 2020, 2021, 2022, 2023,

Schedule A (Form 990) 2023

Additional Data

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Software ID:
Software Version:

SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No. 1545-0047

2022

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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. 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 Yes/No checkboxes. 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 Yes/No checkboxes. Includes questions 1a-2b regarding collections of art and historical treasures.

Schedule D (Form 990) 2022

Page 2

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

- 3 Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):
a Public exhibition
b Scholarly research
c Preservation for future generations
d Loan or exchange programs
e Other
4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part 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:
Table with columns: Amount, 1c Beginning balance, 1d Additions during the year, 1e Distributions during the year, 1f Ending balance
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.

Table with 6 columns: (a) Current year, (b) Prior year, (c) Two years back, (d) Three years back, (e) Four years back. Rows include: 1a-1g Balance and expenditure items; 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; 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; 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.

Table with 4 columns: (a) Cost or other basis (investment), (b) Cost or other basis (other), (c) Accumulated depreciation, (d) Book value. Rows include: 1a Land, b Buildings, c Leasehold improvements, d Equipment (values: 8,941, 8,941, 0, 8,941), e Other. Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).) 8,941

Schedule D (Form 990) 2022

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) Unbilled Contract Revenue	2,062,324
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col.(B) line 15.)	2,062,324

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	
Due to PO1 Subcontractor	707,221
Accrued Payroll	100,825
Credit Card Balances	7,891
Total. (Column (b) must equal Form 990, Part X, col.(B) line 25.)	815,937

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

Schedule D (Form 990) 2022

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) 2022

Software ID:
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Schedule J (Form 990)

Compensation Information

OMB No. 1545-0047

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Complete if the organization answered "Yes" on Form 990, Part IV, line 23. Attach to Form 990. Go to www.irs.gov/Form990 for instructions and the latest information.

2023

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Department of the Treasury Internal Revenue Service

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

Part I Questions Regarding Compensation

Form with multiple sections (1a-9) and columns for Yes/No. Includes questions about travel, housing, reimbursement, substantiation, compensation committees, and contingent compensation.

For Paperwork Reduction Act Notice, see the Instructions for Form 990. Cat. No. 50053T Schedule J (Form 990) 2023

Schedule J (Form 990) 2023

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.

Table with 7 columns: (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. Rows include Jason Gorey, Neal Orringer, John Christensen, and Mick Maher.

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SCHEDULE O
(Form 990)

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 the latest information.

OMB No. 1545-0047

2023

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 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.
Part III, Line 4d	Description:, Expense Amount:, Grants Amount:, Revenue Amount: Nonmajor program expenses, \$928547, \$0, \$0
Part I Line 1	Explanation: DESCRIPTION OF ORGANIZATION 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 NATION'S CRITICAL DEFENSE-RELATED PRODUCTION CHALLENGES. THIS IS ACHIEVED THROUGH FEDERALLY SPONSORED CONTRACTING COOPERATIVE RESEARCH AND PARTNERSHIPS.
Part VI Line 19	Explanation: THE ORGANIZATION MAKES ITS GOVERNING DOCUMENTS CONFLICT OF INTEREST POLICY AND FINANCIAL STATEMENTS AVAILABLE TO THE PUBLIC UPON REQUEST.
Part VI Line 11	Explanation: A DRAFT COPY OF THE FORM 990 AND ATTACHMENTS IS PROVIDED TO THE BOARD OF DIRECTORS FOR REVIEW PRIOR TO FILING OF THE RETURN.

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

Cat. No. 51056K

Schedule O (Form 990) 2023

Additional Data

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