

Form 990

Return of Organization Exempt From Income Tax

OMB No. 1545-0047

2022

Open to Public Inspection

Department of the Treasury Internal Revenue Service

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.

A For the 2022 calendar year, or tax year beginning 01-01-2022, and ending 12-31-2022

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

C Name of organization: Applied Science & Technology Research Organization of America % NEAL ORRINGER. Doing business as: ... Number and street (or P.O. box if mail is not delivered to street address): 1 Rock Island Arsenal. Room/suite: ... City or town, state or province, country, and ZIP or foreign postal code: Rock Island, IL 61299

D Employer identification number: 83-0891239. E Telephone number: (202) 309-2432. G Gross receipts \$ 5,143,273

F Name and address of principal officer: Neal Orringer, 1 Rock Island Arsenal, Rock Island, IL 61299

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: MD

Part I Summary

Table with 4 main sections: Activities & Governance, Revenue, Expenses, and Net Assets or Fund Balances. Each section contains multiple rows of data with 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 any knowledge.

Sign Here

Signature of officer: Neal Orringer President
 Date: 2023-05-22

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN P00766598
Firm's name ▶ BDO USA LLP	Firm's EIN ▶			
Firm's address ▶ 10200 Grand Central Ave Suite 320 Owings Mills, MD 21117			Phone no. (410) 363-3200	

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** (2021)

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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:

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.

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 \$ 467,615 including grants of \$) (Revenue \$ 3,964,579)

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 \$ 398,742 including grants of \$) (Revenue \$ 978,879)

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 \$ 146,665 including grants of \$) (Revenue \$ 201,800)

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 \$ including grants of \$) (Revenue \$)

4e Total program service expenses ▶ 1,013,022

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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)? <i>If "Yes," complete Schedule A</i>	Yes	
2 Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> ? 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? <i>If "Yes," complete Schedule C, Part I</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? <i>If "Yes," complete Schedule C, Part II</i>		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>		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.		
11a	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>		No
11b	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
11c	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
11d	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	
11e	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X . . .</i>	Yes	
11f	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
12b	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
14b	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
20b	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

complete Schedule K-1 110, go to line 23d

	24a		
b	24b		
c	24c		
d	24d		
25a	25a		No
b	25b		No
26	26		No
27	27		No
28			
a	28a		No
b	28b		No
c	28c		No
29	29		No
30	30		No
31	31		No
32	32		No
33	33		No
34	34		No
35a	35a		No
b	35b		
36	36		No
37	37		No
38	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		9		
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file. See instructions.	2b	Yes			
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?	3a				No

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 ID, Question Text, and Yes/No columns. Rows include 1a (6), 1b (3), 2, 3, 4, 5, 6, 7a, 7b, 8a, 8b, and 9.

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

Table with 3 columns: Question ID, Question Text, and Yes/No columns. Rows include 10a, 10b, 11a, 11b, 12a, 12b, 12c, 13, 14, 15a, 15b, 16a, and 16b.

Section C. Disclosure

- 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.
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 7816 ENGLISH WAY Bethesda, MD 20817 (202) 309-2432

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, 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) 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			
(1) Jason Gorey Treasurer & Secretary	33.0 0.0	X		X				206,923	0	8,277
(2) Neal Orringer President	14.0 0.0	X		X				89,231	0	3,877
(3) Michael Maher Chief Technology Officer	8.0 0.0	X		X				64,615	0	2,585
(4) Brett Lambert Board Member	10.0 0.0	X						0	0	0
(5) Steve McKnight Board Member	6.0 0.0	X						0	0	0
(6) James Williams Board Member	8.0 0.0	X						0	0	0
(7) Tracie Potts Board Member	8.0 0.0	X						0	0	0

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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 Donated campaigns				
1b Membership dues				
1c Fundraising events				
1d Related organizations				
1e Government grants (contributions)				
1f All other contributions, gifts, grants, and similar amounts not included above				
1g Noncash contributions included in lines 1a - 1f: \$				
h Total. Add lines 1a-1f	0			

2a SERVICE INCOME	Business Code			
	541700	5,143,258	5,143,258	
f All other program service revenue.				
g Total. Add lines 2a-2f.	5,143,258			

3 Investment income (including dividends, interest, and other similar amounts)		0		
4 Income from investment of tax-exempt bond proceeds		0		
5 Royalties		0		
6a Gross rents	(i) Real			
	(ii) Personal			
	6b Less: rental expenses			
	6c Rental income or (loss)	0	0	
d Net rental income or (loss)		0		
7a Gross amount from sales of assets other than inventory	(i) Securities			
	(ii) Other			
	7b Less: cost or other basis and sales expenses			
7c Gain or (loss)				

d Net gain or (loss) ▶		0		
8a Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18	8a	0		
	8b Less: direct expenses	0		
c Net income or (loss) from fundraising events . . . ▶		0		
Gross income from gaming activities. See Part IV, line 19		0		
b Less: direct expenses		0		
c Net income or (loss) from gaming activities . . . ▶		0		
10a Gross sales of inventory, less returns and allowances		0		
b Less: cost of goods sold		0		
c Net income or (loss) from sales of inventory . . . ▶		0		
Miscellaneous Revenue		Business Code		
11a MISCELLANEOUS REVENUE		15	15	
b				
c				
d All other revenue				
e Total. Add lines 11a-11d ▶		15		
12 Total revenue. See instructions ▶		5,143,273	5,143,273	

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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			
2 Grants and other assistance to domestic individuals. See Part IV, line 22	0			
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16.	0			
4 Benefits paid to or for members	0			
5 Compensation of current officers, directors, trustees, and key employees	360,769	114,958	245,811	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			
7 Other salaries and wages	317,803	275,328	42,475	0
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	21,291	11,237	10,054	0
9 Other employee benefits	2,996	1,719	1,277	0
10 Payroll taxes	47,980	27,529	20,451	0
11 Fees for services (non-employees):				
a Management	0			
b Legal	5,117	2,936	2,181	0
c Accounting	45,658	26,197	19,461	0

d Lobbying	0			
e Professional fundraising services. See Part IV, line 17	0			
f Investment management fees	0			
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O)	0			
12 Advertising and promotion	1,610	0	1,610	0
13 Office expenses	42,242	24,237	18,005	0
14 Information technology	0			
15 Royalties	0			
16 Occupancy	1,654	949	705	0
17 Travel	42,534	24,980	17,554	0
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	0			
19 Conferences, conventions, and meetings	0			
20 Interest	0			
21 Payments to affiliates	0			
22 Depreciation, depletion, and amortization	0			
23 Insurance	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 DUES AND SUBSCRIPTIONS	6,285	0	6,285	0
b PAYROLL PROCESSING	17,343	9,951	7,392	0
c MEALS	2,821	1,060	1,761	0
d CONSULTING SERVICES	31,750	31,750	0	0
e All other expenses	611,295	460,191	151,104	
25 Total functional expenses. Add lines 1 through 24e	1,559,148	1,013,022	546,126	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).				

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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	128,171	1	117,901
	2 Savings and temporary cash investments	0	2	0
	3 Pledges and grants receivable, net	0	3	0
	4 Accounts receivable, net	209,752	4	521,079
	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			
	b Less: accumulated depreciation	0	10c	0
	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	6,079,146
	16	Total assets. Add lines 1 through 15 (must equal line 33)	337,923	16	6,718,126
Liabilities	17	Accounts payable and accrued expenses	100,132	17	153,185
	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	0	25	2,743,025
	26	Total liabilities. Add lines 17 through 25	100,132	26	2,896,210
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	237,791	27	3,821,916
	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	237,791	32	3,821,916
33	Total liabilities and net assets/fund balances	337,923	33	6,718,126	

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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	5,143,273
2	Total expenses (must equal Part IX, column (A), line 25)	2	1,559,148
3	Revenue less expenses. Subtract line 2 from line 1	3	3,584,125
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	237,791
5	Net unrealized gains (losses) on investments	5	
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (B))	10	3,821,916

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:

	Yes	No
2a		No
2b		No

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.

2c		
3a		No
3b		

3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?

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.

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Additional Data

[Return to Form](#)

Software ID:

Software Version:

Form 990, Special Condition Description:

Special Condition Description

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

2022

Open to Public Inspection

Table with 2 columns: Name of the organization (Applied Science & Technology Research Organization of America) 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... (checked)
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).
b Type II. A supporting organization supervised or controlled in connection with its 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
g Provide the following information about the supported organization(s).

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 1 column: Calendar year

Calendar year (or fiscal year beginning in) ▶	(a) 2018	(b) 2019	(c) 2020	(d) 2021	(e) 2022	(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) 2018	(b) 2019	(c) 2020	(d) 2021	(e) 2022	(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 2022 (line 6, column (f) divided by line 11, column (f))	14	
15 Public support percentage for 2020 Schedule A, Part II, line 14	15	
16a 33 1/3% support test—2022. 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—2021. 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—2022. 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—2021. 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) 2022

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) 2018	(b) 2019	(c) 2020	(d) 2021	(e) 2022	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	0	205	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	6,783,844
3 Gross receipts from activities that are not an unrelated trade or business under section 513						0
4 Tax revenues levied for the organization's benefit and either paid						0

5	organization's benefit and either paid to or expended on its behalf.						0
6	Total. Add lines 1 through 5	0	241,381	470,963	928,326	5,143,379	6,784,049
7a	Amounts included on lines 1, 2, and 3 received from disqualified persons						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
c	Add lines 7a and 7b.						0
8	Public support. (Subtract line 7c from line 6.)						6,784,049

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2018	(b) 2019	(c) 2020	(d) 2021	(e) 2022	(f) Total
9 Amounts from line 6.	0	241,381	470,963	928,326	5,143,379	6,784,049
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources.						0
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975.						0
c Add lines 10a and 10b.						0
11 Net income from unrelated business activities not included on line 10b, whether or not the business is regularly carried on.						0
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						0
13 Total support. (Add lines 9, 10c, 11, and 12.)	0	241,381	470,963	928,326	5,143,379	6,784,049
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 2022 (line 8, column (f) divided by line 13, column (f))	15	0 %
16 Public support percentage from 2021 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2022 (line 10c, column (f) divided by line 13, column (f))	17	
18 Investment income percentage from 2021 Schedule A, Part III, line 17	18	

- 19a **33 1/3% support tests-2022.** 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-2021.** 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) 2022

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.		

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 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) 2022

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?		
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 .		

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.		
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.		

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		
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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?		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).		
3 By reason of the relationship described in line 2 above, did the organization's supported organizations have a significant 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.		

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) 2022

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) 2022

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 (<i>prior IRS approval required - provide details in Part VI</i>)	5		
6 Other distributions (<i>describe in Part VI</i>). See instructions	6		
7 Total annual distributions. Add lines 1 through 6.	7		
8 Distributions to attentive supported organizations to which the organization is responsive (<i>provide details in Part VI</i>). See instructions	8		
9 Distributable amount for 2022 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-2022
1 Distributable amount for 2022 from Section C, line 6			(iii) Distributable Amount for 2022
2 Underdistributions, if any, for years prior to 2022 (reasonable cause required-- <i>explain in Part VI</i>). See instructions.			
3 Excess distributions carryover, if any, to 2022:			
a From 2017.			
b From 2018.			
c From 2019.			
d From 2020.			
e From 2021.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2022 distributable amount			
i Carryover from 2017 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from line 3f.			
4 Distributions for 2022 from Section D, line 7:			
\$			
a Applied to underdistributions of prior years			
b Applied to 2022 distributable amount			

c Remainder. Subtract lines 4a and 4b from line 4.			
5 Remaining underdistributions for years prior to 2022, 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 2022. 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 2023. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2018.			
b Excess from 2019.			
c Excess from 2020.			
d Excess from 2021.			
e Excess from 2022.			

Schedule A (Form 990) (2022)

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) 2022

Additional Data

[Return to Form](#)

Software ID:
Software Version:

SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No. 1545-0047

2022

Open to Public Inspection

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 & Technology Research Organization of America) 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 and organization property.

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 response. Includes questions 1-9 regarding conservation easements, including a sub-table for 'Held at the End of the Year' with rows 2a-2d.

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 2 columns: Question number and description. Includes questions 1a-1b and 2a-2b regarding collections of art and historical treasures.

Schedule D (Form 990) 2021

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:

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

Table with 2 columns: Description, Amount. Rows: 1c, 1d, 1e, 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.

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

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

Table with 2 columns: Yes, No. Rows: 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.

Table with 5 columns: Description of property, (a) Cost or other basis (investment), (b) Cost or other basis (other), (c) Accumulated depreciation, (d) Book value. Rows: 1a-1e, Total

Schedule D (Form 990) 2021

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	6,079,146
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col.(B) line 15.)	6,079,146

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	0
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col.(B) line 25.)	2,743,025

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) 2021

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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Software ID:
Software Version:

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.

2022

Open to Public Inspection

Department of the Treasury Internal Revenue Service

Table with 2 columns: Name of the organization (Applied Science & Technology Research Organization of America) and Employer identification number (83-0891239)

Part I Questions Regarding Compensation

Form with multiple sections (1a-9) regarding compensation questions, including travel, housing, and severance. Includes checkboxes and Yes/No columns.

For Paperwork Reduction Act Notice, see the Instructions for Form 990. Cat. No. 50053T Schedule J (Form 990) 2022

Schedule J (Form 990) 2022

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, (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. Row 1: Jason Gorey, Treasurer & Secretary, 206,923, 8,277, 215,200.

Schedule J (Form 990) 2022

Schedule J (Form 990) 2022

Page 3

Part III Supplemental Information

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

Return Reference	Explanation
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Schedule J (Form 990) 2022

Additional Data

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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

2021

Open to Public Inspection

Name of the organization
Applied Science & Technology Research
Organization of America

Employer identification number

83-0891239

Return Reference	Explanation
Form 990, Part VI, Section B, Line 11B	A Draft copy of the form 990 and attachments is provided to the board of directors for review prior to filing of the return.
Form 990, Part VI, Section B, Line 12C	Directors, 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.
Form 990, Part VI, Section B, Line 15A	The board has looked at compensation of other nonprofit organizations with similar missions to determine suitable compensation for top management in future years.
Form 990, Part VI, Section C, Line 19	The organization makes its governing documents, conflict of interest policy and financial statements available to the public upon request.
Form 990, Part I, Line 1	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.
FORM 990 PART IX LINE 24 - OTHER EXPENSES	DESCRIPTION:BUSINESS DEVELOPMENT TOTAL EXPENSES:136069 PROGRAM SERVICES:MANAGEMENT AND GENERAL:136069 FUNDRAISING:
FORM 990 PART IX LINE 24 - OTHER EXPENSES	DESCRIPTION:OVERHEAD TOTAL EXPENSES:2233 PROGRAM SERVICES:112 MANAGEMENT AND GENERAL:2121 FUNDRAISING:
FORM 990 PART IX LINE 24 - OTHER EXPENSES	DESCRIPTION:BANK CHARGES TOTAL EXPENSES:152 PROGRAM SERVICES:MANAGEMENT AND GENERAL:152 FUNDRAISING:
FORM 990 PART IX LINE 24 - OTHER EXPENSES	DESCRIPTION:SUBCONTRACTORS TOTAL EXPENSES:443505 PROGRAM SERVICES:443505 MANAGEMENT AND GENERAL:FUNDRAISING:
FORM 990 PART IX LINE 24 - OTHER EXPENSES	DESCRIPTION:TAXES & LICENSES TOTAL EXPENSES:450 PROGRAM SERVICES:MANAGEMENT AND GENERAL:450 FUNDRAISING:
FORM 990 PART IX LINE 24 - OTHER EXPENSES	DESCRIPTION:PEO BENEFIT FEES TOTAL EXPENSES:28886 PROGRAM SERVICES:16574 MANAGEMENT AND GENERAL:12312 FUNDRAISING:

Additional Data

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