

990

Return of Organization Exempt From Income Tax

OMB No. 1545-

0047 2022

Open to Public Inspection

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

Department of the Treasury Internal Revenue Service

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: CENTER FOR OPEN SCIENCE INC. Doing business as: Number and street (or P.O. box if mail is not delivered to street address): 210 MCINTIRE ROAD. Room/suite: City or town, state or province, country, and ZIP or foreign postal code: CHARLOTTESVILLE, VA 22903

D Employer identification number: 46-1496217. E Telephone number: (434) 964-1865. G Gross receipts \$ 7,585,203

F Name and address of principal officer: BRIAN NOSEK

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.COS.IO

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

L Year of formation: 2013. M State of legal domicile: VA

Part I Summary

1 Briefly describe the organization's mission or most significant activities: FORM 990, PART I, LINE 1, DESCRIPTION OF ORGANIZATION MISSION: THE CENTER FOR OPEN SCIENCE (COS) IS DEDICATED TO INCREASE OPENNESS, INTEGRITY AND REPRODUCIBILITY IN SCHOLARLY RESEARCH. 2 Check this box if the organization discontinued its operations or disposed of more than 25% of its net assets. 3 Number of voting members of the governing body (Part VI, line 1a) 9. 4 Number of independent voting members of the governing body (Part VI, line 1b) 9. 5 Total number of individuals employed in calendar year 2022 (Part V, line 2a) 54. 6 Total number of volunteers (estimate if necessary). 7a Total unrelated business revenue from Part VIII, column (C), line 12 0. 7b Net unrelated business taxable income from Form 990-T, Part I, line 11

Table with 3 columns: Description, Prior Year, Current Year. Rows include Revenue (8-12) and Expenses (13-19). Revenue total: 7,585,203. Expenses total: 6,936,991. Revenue less expenses: 648,212.

Table with 3 columns: Description, Beginning of Current Year, End of Year. Rows include Net Assets or Fund Balances (20-22). Total assets: 12,509,767. Total liabilities: 8,936,123. Net assets or fund balances: 3,573,644.

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: BRIAN NOSEK EXECUTIVE DIRECTOR. Date: 2023-08-31. Type or print name and title.

Paid Preparer Use Only: Print/Type preparer's name: ROBINSON FARMER COX ASSOCIATES. Preparer's signature. Date: 2023-10-27. Check if self-employed. PTIN: P01464398. Firm's EIN: 54-1896113. Firm's address: 530 WESTFIELD RD, CHARLOTTESVILLE, VA 229011726. Phone no. (434) 973-8314.

May the IRS discuss this return with the preparer shown above? See Instructions. Yes No

Part III Statement of Program Service Accomplishments

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

1 Briefly describe the organization's mission:

COS IS A NON-PROFIT TECHNOLOGY COMPANY AIMING TO PROMOTE OPENNESS, INTEGRITY, AND REPRODUCIBILITY OF SCIENTIFIC RESEARCH. COS ACCOMPLISHES THIS BY EMPLOYING FIVE INTERDEPENDENT ACTIVITIES: (1) METASCIENCE - ACQUIRING EVIDENCE TO ENCOURAGE CHANGE - COS PROVIDES EVIDENCE ON THE STATE OF SCIENCE, EVALUATES COS SERVICES TO MAXIMIZE EFFECTIVENESS, AND TRACKS CULTURE CHANGE IN OPENNESS; (2) INFRASTRUCTURE - BUILDING TECHNOLOGY TO ENABLE CHANGE - COS ESTABLISHES VIABILITY OF OPEN SCHOLARSHIP ACROSS THE ENTIRE RESEARCH LIFECYCLE, AND SUPPORTS HUNDREDS OF COMMUNITY INTERFACES FOR CONDUCTING AND SHARING SCHOLARLY ACTIVITY; (3) TRAINING - DISSEMINATING KNOWLEDGE TO ENACT CHANGE - COS OPTIMIZES TRAINING DELIVERY TO MAXIMIZE ITS REACH AND IMPACT PARTICULARLY FOR SUPPORTING UNDERSERVED COMMUNITIES, AND FOSTERS SUSTAINABILITY WITH INTEGRATION INTO COURSE CURRICULA; (4) INCENTIVES - PROVIDING REASONS TO EMBRACE CHANGE - COS BRINGS ADOPTION OF ITS INCENTIVE SERVICES TO SCALE, MONITORS AND INCENTIVIZES

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 [X] 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 [X] 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 \$ 3,315,740 including grants of \$) (Revenue \$ 335,507)

INFRASTRUCTURE: COS SUPPORTS AND MAINTAINS THE OSF (WWW.OSF.IO) TO HELP RESEARCHERS MANAGE, ARCHIVE, AND SHARE THEIR RESEARCH, PRIVATELY OR PUBLICLY. IN 2018, COS CONTINUED TO MAKE SIGNIFICANT PROGRESS IN ESTABLISHING THE OSF AS A FULL-FEATURED APPLICATION FRAMEWORK. THIS INCLUDED IMPROVEMENTS TO A NUMBER OF CORE FEATURES INCLUDING AUTHENTICATION, METADATA, MESSAGING, VERSION CONTROL, ACCESS CONTROL, DATA BASING, STORAGE SERVICES, AND A PUBLIC API. THE OSF IS NOW POSITIONED AS A FREE, PUBLIC INFRASTRUCTURE FOR CREATING, CONNECTING, AND INTEGRATING COUNTLESS SERVICES ACROSS THE RESEARCH LIFECYCLE. BECAUSE OF THE OSF'S OPEN, MODULAR DESIGN, WE AND OTHERS WILL BE ABLE TO INCORPORATE THE BACK- END SERVICES TO SUPPORT ANY KIND OF FRONT-END USER INTERFACES FOR COLLECTION OF SOCIAL SCIENCE RESEARCH PARTICIPANT DATA, WITH THE ABILITY TO EXTEND VERY EASILY TO COLLECTION OF META-DATA FOR ANY RESEARCH APPLICATION OR DISCIPLINE (NOT LIMITED TO SOCIAL SCIENCE). THE OSF PROVIDES A SOLUTION FOR RESEARCHERS WHO ARE COMPELLED TO CONDUCT THEIR RESEARCH OPENLY AND TRANSPARENTLY. IT ALSO PROVIDES A MECHANISM FOR POLICY MAKERS TO ENABLE PRACTICES OF OPENNESS AND TRANSPARENCY. THE OSF PROVIDES MULTIPLE POINTS OF ENTRY INTO OPEN PRACTICES, AND ALLOWS FOR RESEARCHERS TO ADOPT ADDITIONAL OPEN BEHAVIORS.

4b (Code:) (Expenses \$ 1,701,659 including grants of \$ 76,307) (Revenue \$)

POLICY/COMMUNITY: AN ACTIVE OPEN SCIENCE COMMUNITY IS ESSENTIAL FOR TESTING AND IMPROVING INFRASTRUCTURE AND PRACTICES. OPEN SCIENCE PRACTICES WILL ACCELERATE DRAMATICALLY IF STAKEHOLDERS WITH LEVERS FOR CHANGE CREATE INCENTIVES OR REQUIREMENTS FOR RESEARCHERS. COS PROMOTES OPEN SCIENCE PRACTICES WITH JOURNALS, FUNDERS, RESEARCHERS, AND SOCIETIES. OUR POLICY TEAM TRACKS OPEN SCIENCE PRACTICES OF KEY COMMUNITY CHANGEMAKERS. WE OFFER SOLUTIONS TO CHANGE NORMS, INCENTIVES, AND POLICIES, WORKING IN COLLABORATION WITH PUBLISHERS, FUNDERS, SOCIETIES, INSTITUTIONS, AND RESEARCHER COMMUNITIES TO PROMOTE OPENNESS, RIGOR, AND REPRODUCIBILITY. THIS WORK IS GUIDED BY OUR TRANSPARENCY AND OPENNESS PROMOTION (TOP) GUIDELINES, A COMMUNITY DRIVEN EFFORT THAT PROVIDES A RUBRIC FOR ADOPTING OPENNESS STANDARDS. OVER 1,100 JOURNALS HAVE ADOPTED TOP GUIDELINES SINCE 2015. REREGISTRATION CHALLENGE: THE PREREGISTRATION CHALLENGE KICKED OFF IN 2015. PREREGISTRATION INCREASES THE CREDIBILITY OF HYPOTHESIS TESTING BY CONFIRMING IN ADVANCE WHAT WILL BE ANALYZED AND REPORTED. FOR THE PREREGISTRATION CHALLENGE, ONE THOUSAND RESEARCHERS WILL RECEIVE 1,000EACH FOR PUBLISHING RESULTS OF PREREGISTERED RESEARCH. THIS CHALLENGE ENDED IN EARLY 2019.

4c (Code:) (Expenses \$ 848,724 including grants of \$) (Revenue \$)

METASCIENCE: COS SUPPORTS RESEARCH ON SCIENTIFIC PRACTICES. THESE EFFORTS CAN INFORM BEST PRACTICES AND SERVE AS PLATFORMS TO DEMONSTRATE REPRODUCIBLE RESEARCH METHODS. SOME ACHIEVEMENTS INCLUDE: -CONTINUED PUBLIC DISCOURSE AROUND RESULTS OF THE REPRODUCIBILITY PROJECT: PSYCHOLOGY (RESULTS PUBLISHED IN THE JOURNAL SCIENCE IN JUNE, 2015). -CONTINUAL RESULTS PUBLISHED BY THE REPRODUCIBILITY PROJECT: CANCER BIOLOGY. THE PROJECT PUBLISHES THE INDIVIDUAL REPLICATIONS IN SMALL BATCHES AND THEN A SUMMARY REPORT WILL BE PUBLISHED AT THE VERY END OF THE PROJECT. -THROUGH EXTERNAL GRANT AWARDS, COS CONTINUES TO SUPPORT THE REPRODUCIBILITY PROJECT: TRANSCRANIAL DIRECT CURRENT STIMULATION (TDCS)AT THE UNIVERSITY OF CALIFORNIA - DAVIS. -CONTINUED COMMUNITY DISCUSSION OF THE IMPACT OF THE COS STUDY ON THE IMPACT OF BADGES UPON DATA SHARING. THIS STUDY FOUND THAT THE JOURNAL PSYCHOLOGICAL SCIENCE EXPERIENCED AN INCREASE IN DATA SHARING FROM AROUND 3 PERCENT OF PUBLISHED ARTICLES TO NEARLY 40 PERCENT IN ONLY 1.5 YEARS FOLLOWING ADOPTION OF BADGES. COMPARISON JOURNALS WITHOUT BADGES SHOWED NO CHANGE IN DATA SHARING OVER THE SAME PERIOD. WE USE THESE FINDINGS TO PROMOTE ADOPTION OF BADGES AS SIMPLE INCENTIVES TOWARDS MORE OPEN EDITORIAL POLICIES.

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

4e Total program service expenses 5,866,123

Part IV Checklist of Required Schedules

Table with 3 columns: Question number, Question text, Yes, No. Rows include questions 1 through 21 regarding organizational requirements and reporting.

Part IV Checklist of Required Schedules (continued)

Table with 3 columns: Question ID, Question Text, and Yes/No columns. Rows include questions 22 through 38 regarding organizational reporting, compensation, and tax-exempt status.

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

Table with 3 columns: Question ID, Question Text, and Yes/No columns. Rows include questions 1a, 1b, and 1c regarding Form 1096, Forms W-2G, and gaming winnings.

Part V Statements Regarding Other IRS Filings and Tax Compliance (continued)

Table with 17 main rows (2a-17) and sub-rows (a-e). Columns include question text, input fields (e.g., 2a, 54, 2b, 3a, 3b, 4a, 5a, 5b, 5c, 6a, 6b, 7a, 7b, 7c, 7d, 7e, 7f, 7g, 7h, 8, 9a, 9b, 10a, 10b, 11a, 11b, 12a, 12b, 13a, 13b, 13c, 14a, 14b, 15, 16, 17), and 'No' indicators.

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

- 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:
CENTER FOR OPEN SCIENCE 210 RIDGE MCINTIRE ROAD STE 500 CHARLOTTESVILLE, VA 22903 (434) 964-1865

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

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

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

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

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.

- List all of the organization's **current** key employees, if any. See the instructions for definition of "key employee."

- List the organization's five **current** highest compensated employees (other than an officer, director, trustee or key employee) who received reportable compensation (box 5 of Form W-2, box 6 of Form 1099-MISC, and/or box 1 of Form 1099-NEC) of more than \$100,000 from the organization and any related organizations.

- List all of the organization's **former** officers, key employees, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.

- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

See the instructions for the order in which to list the persons above.

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

| (A) 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 | | | |
| (1) ALISON MUDDITT CHAIR | 0.10 | X | | X | | | 0 | 0 | 0 |
| (2) REBECCA SAXE VICE CHAIR | 0.10 | X | | X | | | 0 | 0 | 0 |
| (3) JON HILL TREASURER | 0.10 | X | | X | | | 0 | 0 | 0 |
| (4) GEORGE BANKS MEMBER | 0.10 | X | | | | | 0 | 0 | 0 |
| (5) SUSANNA-ASSUNTA SANSONE MEMBER | 0.10 | X | | | | | 0 | 0 | 0 |
| (6) ELAINE CHEN MEMBER | 0.10 | X | | | | | 0 | 0 | 0 |
| (7) MARYROSE FRANKO MEMBER | 0.10 | X | | | | | 0 | 0 | 0 |
| (8) MARCIA MCNUTT MEMBER | 0.10 | X | | | | | 0 | 0 | 0 |
| (9) ELAINE WESTBROOKS MEMBER | 0.10 | X | | | | | 0 | 0 | 0 |
| (10) BRIAN NOSEK EXECUTIVE DI | 40.00 | | | X | | | 209,500 | 0 | 20,500 |
| (11) MATTHEW FRAZIER PRINCIPAL EN | 40.00 | | | | | X | 126,664 | 0 | 6,474 |
| (12) NICOLE PFEIFFER CHIEF PROD O | 40.00 | | | | | X | 120,356 | 0 | 20,283 |
| (13) TIMOTHY ERRINGTON SR DIR OF RE | 40.00 | | | | | X | 119,273 | 0 | 12,555 |
| (14) LISA SHAW CHIEF OPER O | 40.00 | | | | | X | 161,757 | 0 | 19,993 |

Part VIII Statement of Revenue

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

Table with 5 columns: (A) Total revenue, (B) Related or exempt function revenue, (C) Unrelated business revenue, (D) Revenue excluded from tax under sections 512 - 514. Rows include Contributions, Gifts, Grants, and Other Similar Amounts, and Federated campaigns, Membership dues, Fundraising events, etc.

Table for Program Service Revenue with columns for Business Code, (A) Total revenue, (B) Related or exempt function revenue, (C) Unrelated business revenue, (D) Revenue excluded from tax. Rows include SERVICE AND MANAGEMENT FEES and All other program service revenue.

Table for Other Revenue with columns for (A) Total revenue, (B) Related or exempt function revenue, (C) Unrelated business revenue, (D) Revenue excluded from tax. Rows include Investment income, Income from investment of tax-exempt bond proceeds, Royalties, Gross rents, Net rental income, Gross amount from sales of assets, Gross income from fundraising events, Gross income from gaming activities, and Gross sales of inventory.

Table for Other Revenue Misc Amt with columns for (A) Total revenue, (B) Related or exempt function revenue, (C) Unrelated business revenue, (D) Revenue excluded from tax. Rows include All other revenue and Total revenue (12).

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 | | | | |
| 2 Grants and other assistance to domestic individuals. See Part IV, line 22 | 76,307 | 76,307 | | |
| 3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16. | | | | |
| 4 Benefits paid to or for members | | | | |
| 5 Compensation of current officers, directors, trustees, and key employees | 230,000 | 193,451 | 29,004 | 7,545 |
| 6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B) | | | | |
| 7 Other salaries and wages | 3,670,859 | 3,087,457 | 462,977 | 120,425 |
| 8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions) | 145,079 | 122,025 | 18,295 | 4,759 |
| 9 Other employee benefits | 320,644 | 269,691 | 40,434 | 10,519 |
| 10 Payroll taxes | 361,186 | 303,790 | 45,547 | 11,849 |
| 11 Fees for services (non-employees): | | | | |
| a Management | | | | |
| b Legal | | | | |
| c Accounting | | | | |
| d Lobbying | | | | |
| e Professional fundraising services. See Part IV, line 17 | | | | |
| f Investment management fees | | | | |
| g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O) | 347,761 | 278,767 | 31,466 | 37,528 |
| 12 Advertising and promotion | 79,613 | 2,050 | 77,563 | |
| 13 Office expenses | 474,439 | 454,629 | 10,073 | 9,737 |
| 14 Information technology | | | | |
| 15 Royalties | | | | |
| 16 Occupancy | 145,129 | 99,366 | 41,002 | 4,761 |
| 17 Travel | 122,797 | 114,140 | 4,970 | 3,687 |
| 18 Payments of travel or entertainment expenses for any federal, state, or local public officials | | | | |
| 19 Conferences, conventions, and meetings | 16,550 | 11,339 | 4,666 | 545 |
| 20 Interest | | | | |
| 21 Payments to affiliates | | | | |
| 22 Depreciation, depletion, and amortization | 118,050 | 80,825 | 33,352 | 3,873 |
| 23 Insurance | 1,371 | 940 | 387 | 44 |
| 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 PROGRAM EXPENSE | 627,250 | 627,250 | | |
| b DUES AND FEES | 127,846 | 95,612 | 28,394 | 3,840 |
| c ALL OTHER EXPENSES | 40,301 | 26,705 | 10,619 | 2,977 |
| d CLEANING & MAINTENANCE | 27,970 | 19,150 | 7,902 | 918 |
| e All other expenses | 3,839 | 2,629 | 1,084 | 126 |
| 25 Total functional expenses. Add lines 1 through 24e | 6,936,991 | 5,866,123 | 847,735 | 223,133 |
| 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). | | | | |

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 | 7,650,716 | 1 | 10,132,910 |
| | 2 Savings and temporary cash investments | | 2 | |
| | 3 Pledges and grants receivable, net | | 3 | |
| | 4 Accounts receivable, net | 1,309,854 | 4 | 1,466,040 |
| | 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 | | 5 | |
| | 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) | | 6 | |
| | 7 Notes and loans receivable, net | | 7 | |
| | 8 Inventories for sale or use | | 8 | |
| | 9 Prepaid expenses and deferred charges | 61,278 | 9 | 74,119 |
| | 10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D | 10a 1,075,093 | | |
| | b Less: accumulated depreciation | 10b 700,317 | 72,488 | 10c 374,776 |
| | 11 Investments—publicly traded securities | 474,995 | 11 | 394,741 |
| | 12 Investments—other securities. See Part IV, line 11 | | 12 | |
| | 13 Investments—program-related. See Part IV, line 11 | | 13 | |
| | 14 Intangible assets | | 14 | |
| | 15 Other assets. See Part IV, line 11 | 56,607 | 15 | 67,181 |
| 16 Total assets: Add lines 1 through 15 (must equal line 33) | 9,625,938 | 16 | 12,509,767 | |
| Liabilities | 17 Accounts payable and accrued expenses | 62,031 | 17 | 42,233 |
| | 18 Grants payable | 6,582,142 | 18 | 8,505,995 |
| | 19 Deferred revenue | | 19 | |
| | 20 Tax-exempt bond liabilities | | 20 | |
| | 21 Escrow or custodial account liability. Complete Part IV of Schedule D | | 21 | |
| | 22 Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons | | 22 | |
| | 23 Secured mortgages and notes payable to unrelated third parties | | 23 | |
| | 24 Unsecured notes and loans payable to unrelated third parties | | 24 | |
| | 25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17 - 24). Complete Part X of Schedule D | 24,647 | 25 | 387,895 |
| | 26 Total liabilities. Add lines 17 through 25 | 6,668,820 | 26 | 8,936,123 |
| 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 | 2,957,118 | 27 | 3,573,644 |
| | 28 Net assets with donor restrictions | | 28 | |
| | 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 | 2,957,118 | 32 | 3,573,644 |
| 33 Total liabilities and net assets/fund balances | 9,625,938 | 33 | 12,509,767 | |

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 | 7,585,203 |
| 2 | Total expenses (must equal Part IX, column (A), line 25) | 2 | 6,936,991 |
| 3 | Revenue less expenses. Subtract line 2 from line 1 | 3 | 648,212 |
| 4 | Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A)) | 4 | 2,957,118 |
| 5 | Net unrealized gains (losses) on investments | 5 | -31,686 |
| 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 (A)) | 10 | 3,573,644 |

Part XII Financial Statements and Reporting

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

| | Yes | No |
|---|-----|----|
| 1 Accounting method used to prepare the Form 990: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain 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: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis | | No |
| 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: <input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis | Yes | |
| 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. | Yes | |
| 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? | Yes | |
| b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits. | Yes | |

Additional Data

Return to Form

Software ID:

Software Version:

Form 990, Special Condition Description:

Special Condition Description

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.**

Name of the organization
CENTER FOR OPEN SCIENCE INC

Employer identification number
46-1496217

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).** (Attach Schedule E (Form 990).)
- 3 A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4 A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state: _____
- 5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II.)
- 6 A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
- 8 A community trust described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
- 9 An 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. See instructions. Enter the name, city, and state of the college or university: _____
- 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—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2).** (Complete Part III.)
- 11 An organization organized and operated exclusively to test for public safety. See **section 509(a)(4).**
- 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).** See **section 509(a)(3).** Check the box on lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g.
 - a **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. **You must complete Part IV, Sections A and B.**
 - b **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). **You must complete Part IV, Sections A and C.**
 - c **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). **You must complete Part IV, Sections A, D, and E.**
 - d **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions). **You must complete Part IV, Sections A and D, and Part V.**
 - 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).

| (i) Name of supported organization | (ii) EIN | (iii) Type of organization (described on lines 1- 10 above (see instructions)) | (iv) Is the organization listed in your governing document? | | (v) Amount of monetary support (see instructions) | (vi) Amount of other support (see instructions) |
|------------------------------------|----------|--|---|----|---|---|
| | | | Yes | No | | |
| | | | | | | |
| | | | | | | |
| Total | | | | | | |

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 (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.") . . . | 5,566,758 | 5,307,565 | 6,491,647 | 6,516,989 | 7,247,824 | 31,130,783 |
| 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 | 5,566,758 | 5,307,565 | 6,491,647 | 6,516,989 | 7,247,824 | 31,130,783 |
| 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) . . . | | | | | | 523,879 |
| 6 Public support. Subtract line 5 from line 4. | | | | | | 30,606,904 |

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. | 5,566,758 | 5,307,565 | 6,491,647 | 6,516,989 | 7,247,824 | 31,130,783 |
| 8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources | 874 | 39,742 | 15,882 | 123 | 222 | 56,843 |
| 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 | | | | | | 31,187,626 |
| 12 Gross receipts from related activities, etc. (see instructions) | | | | | 12 | 1,015,141 |
| 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 | 98.140 % |
| 15 Public support percentage for 2020 Schedule A, Part II, line 14 | 15 | 98.080 % |
| 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 checked="" 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"/> |

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

Table with 7 columns: (a) 2018, (b) 2019, (c) 2020, (d) 2021, (e) 2022, (f) Total. Rows include: 1 Gifts, grants, contributions, and membership fees received; 2 Gross receipts from admissions, merchandise sold or services performed; 3 Gross receipts from activities that are not an unrelated trade or business; 4 Tax revenues levied for the organization's benefit; 5 The value of services or facilities furnished by a governmental unit; 6 Total; 7a Amounts included on lines 1, 2, and 3 received from disqualified persons; 7b Amounts included on lines 2 and 3 received from other than disqualified persons; 8 Public support.

Section B. Total Support

Table with 7 columns: (a) 2018, (b) 2019, (c) 2020, (d) 2021, (e) 2022, (f) Total. Rows include: 9 Amounts from line 6; 10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources; 10b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975; 11 Net income from unrelated business activities not included on line 10b; 12 Other income; 13 Total support; 14 First 5 years.

Section C. Computation of Public Support Percentage

Table with 2 columns: Description, Percentage. Row 15: Public support percentage for 2022; Row 16: Public support percentage from 2021 Schedule A.

Section D. Computation of Investment Income Percentage

Table with 2 columns: Description, Percentage. Row 17: Investment income percentage for 2022; Row 18: Investment income percentage from 2021 Schedule A; Row 19a: 33 1/3% support tests-2022; Row 19b: 33 1/3% support tests-2021; Row 20: Private foundation.

Part IV Supporting Organizations

(Complete only if you checked a box on line 12 of Part I. If you checked box 12a, of Part I, complete Sections A and B. If you checked box 12b, of Part I, complete Sections A and C. If you checked box 12c, of Part I, complete Sections A, D, and E. If you checked box 12d, of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

| | | Yes | No |
|------------|---|-----|----|
| 1 | Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain. | | |
| 2 | Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2). | | |
| 3a | Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer lines 3b and 3c below. | | |
| b | Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in Part VI when and how the organization made the determination. | | |
| c | Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in Part VI what controls the organization put in place to ensure such use. | | |
| 4a | Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you checked box 12a or 12b in Part I, answer lines 4b and 4c below. | | |
| b | Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations. | | |
| c | Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes. | | |
| 5a | Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer lines 5b and 5c below (if applicable). Also, provide detail in Part VI , including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document). | | |
| b | Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document? | | |
| c | Substitutions only. Was the substitution the result of an event beyond the organization's control? | | |
| 6 | Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in Part VI . | | |
| 7 | Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in 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). | | |

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? <i>If "Yes" to 11a, 11b, or 11c, provide detail in Part VI</i> | | |

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? <i>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.</i> | | |
| 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? <i>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.</i> | | |

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)? <i>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).</i> | | |

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? <i>If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).</i> | | |
| 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? <i>If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.</i> | | |

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.**

| | | Yes | No |
|----------|--|-----|----|
| a | Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? <i>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.</i> | | |
| 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? <i>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.</i> | | |

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? <i>If "Yes" or "No", provide details in Part VI.</i> | | |
| b | Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? <i>If "Yes," describe in Part VI. the role played by the organization in this regard.</i> | | |

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** Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)

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

(continued)

| Section D - Distributions | | Current Year |
|---|-----------|--------------|
| 1 Amounts paid to supported organizations to accomplish exempt purposes | 1 | |
| 2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity | 2 | |
| 3 Administrative expenses paid to accomplish exempt purposes of supported organizations | 3 | |
| 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 | (iii) Distributable Amount for 2022 |
|--|-----------------------------|--|---|
| 1 Distributable amount for 2022 from Section C, line 6 | | | |
| 2 Underdistributions, if any, for years prior to 2022 (<i>reasonable cause required-- 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. | | | |

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 |
|------------------|-------------|
| | |

Additional Data

Return to Form

Software ID:

Software Version:

Supplemental Financial Statements

2022

Open to Public Inspection

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.

Department of the Treasury Internal Revenue Service

Name of the organization CENTER FOR OPEN SCIENCE INC

Employer identification number

46-1496217

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 2 columns: (a) Donor advised funds, (b) Funds and other accounts. Rows include total number at end of year, aggregate value of contributions, grants, and end of year, and two questions about donor/donor advisor notification.

Part II Conservation Easements.

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

Table with 2 columns: Description, Held at the End of the Year. Rows include purpose(s) of conservation easements, number of easements, modified, states, monitoring policy, hours, expenses, and reporting requirements.

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: Description, Amount. Rows include reporting requirements for art and historical treasures, and amounts received or held for financial gain.

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:
- | | Amount |
|--|-----------|
| c Beginning balance | 1c |
| d Additions during the year | 1d |
| e Distributions during the year | 1e |
| f Ending balance | 1f |
- 2a** Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? **Yes** **No**
- b** If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII

Part V Endowment Funds.

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

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

- 2** Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:
- a** Board designated or quasi-endowment ▶
 - b** Permanent endowment ▶
 - c** Term endowment ▶
- The percentages on lines 2a, 2b, and 2c should equal 100%.

- 3a** Are there endowment funds not in the possession of the organization that are held and administered for the organization by:
- | | Yes | No |
|--|---------------|----|
| (i) Unrelated organizations | 3a(i) | |
| (ii) Related organizations | 3a(ii) | |
| b If "Yes" on 3a(ii), are the related organizations listed as required on Schedule R? | 3b | |
- 4** Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment.

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

| Description of property | (a) Cost or other basis (investment) | (b) Cost or other basis (other) | (c) Accumulated depreciation | (d) Book value |
|---|--------------------------------------|---------------------------------|------------------------------|----------------|
| 1a Land | | | | |
| b Buildings | | | | |
| c Leasehold improvements | | 329,986 | | 329,986 |
| d Equipment | | 412,927 | | 412,927 |
| e Other | | 332,180 | 700,317 | -368,137 |
| Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c.) . . . ▶ | | | | 374,776 |

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.

Table with 3 columns: (a) Description of security or category, (b) Book value, (c) Method of valuation. Rows include (1) Financial derivatives, (2) Closely-held equity interests, (3) Other, and rows (A) through (H). Total row at the bottom.

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.

Table with 3 columns: (a) Description of investment, (b) Book value, (c) Method of valuation. Rows (1) through (9). Total row at the bottom.

Part IX Other Assets.

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

Table with 2 columns: (a) Description, (b) Book value. Rows (1) through (9). Total row at the bottom.

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.

Table with 2 columns: (a) Description of liability, (b) Book value. Row 1: Federal income taxes. Rows (3) through (9). Total row at the bottom with value 387,895.

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

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

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

| | | | | |
|----------|--|-----------|-----------|-----------|
| 1 | Total revenue, gains, and other support per audited financial statements | | 1 | 7,553,517 |
| 2 | Amounts included on line 1 but not on Form 990, Part VIII, line 12: | | | |
| a | Net unrealized gains (losses) on investments | 2a | | -31,686 |
| 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 | -31,686 |
| 3 | Subtract line 2e from line 1 | | 3 | 7,585,203 |
| 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 | 7,585,203 |

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 | 6,936,991 |
| 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 | 6,936,991 |
| 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 | 6,936,991 |

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

Schedule I (Form 990)

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

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 21 or 22.

Attach to Form 990.

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

Name of the organization CENTER FOR OPEN SCIENCE INC

Employer identification number

46-1496217

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance?
2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

Table with 8 columns: (a) Name and address of organization or government, (b) EIN, (c) IRC section (if applicable), (d) Amount of cash grant, (e) Amount of non-cash assistance, (f) Method of valuation (book, FMV, appraisal, other), (g) Description of noncash assistance, (h) Purpose of grant or assistance. Rows 1-12.

- 2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table
3 Enter total number of other organizations listed in the line 1 table

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

Part III can be duplicated if additional space is needed.

| (a) Type of grant or assistance | (b) Number of recipients | (c) Amount of cash grant | (d) Amount of noncash assistance | (e) Method of valuation (book, FMV, appraisal, other) | (f) Description of noncash assistance |
|---------------------------------|--------------------------|--------------------------|----------------------------------|---|---------------------------------------|
| (1) RESEARCH/PROJECT SUPPORT | | 76,307 | | FMV | |
| (1) | | | | | |
| (2) | | | | | |
| (3) | | | | | |
| (4) | | | | | |
| (5) | | | | | |
| (6) | | | | | |
| (7) | | | | | |

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

| Return Reference | Explanation |
|------------------------------------|--|
| SCHEDULE I, PAGE 1, PART I, LINE 2 | INDIVIDUALS AND ORGANIZATIONS RECEIVE CASH AWARDS FOR SPECIFIC RESEARCH AND PROJECTS AND ARE REQUIRED TO FULFILL REPORTING REQUIREMENTS STIPULATED IN THE AWARD AGREEMENT. |

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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.**

2022

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

Name of the organization
CENTER FOR OPEN SCIENCE INC

Employer identification number

46-1496217

Part I Questions Regarding Compensation

1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.

- | | |
|---|--|
| <input type="checkbox"/> First-class or charter travel | <input type="checkbox"/> Housing allowance or residence for personal use |
| <input type="checkbox"/> Travel for companions | <input type="checkbox"/> Payments for business use of personal residence |
| <input type="checkbox"/> Tax idemnification and gross-up payments | <input type="checkbox"/> Health or social club dues or initiation fees |
| <input type="checkbox"/> Discretionary spending account | <input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef) |

b If any of the boxes on Line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain

2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked on Line 1a?

3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.

- | | |
|--|--|
| <input type="checkbox"/> Compensation committee | <input type="checkbox"/> Written employment contract |
| <input type="checkbox"/> Independent compensation consultant | <input type="checkbox"/> Compensation survey or study |
| <input type="checkbox"/> Form 990 of other organizations | <input type="checkbox"/> Approval by the board or compensation committee |

4 During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:

- a** Receive a severance payment or change-of-control payment?
 - b** Participate in, or receive payment from, a supplemental nonqualified retirement plan?
 - c** Participate in, or receive payment from, an equity-based compensation arrangement?
- If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.

Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.

5 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:

- a** The organization?
 - b** Any related organization?
- If "Yes," on line 5a or 5b, describe in Part III.

6 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:

- a** The organization?
 - b** Any related organization?
- If "Yes," on line 6a or 6b, describe in Part III.

7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described in lines 5 and 6? If "Yes," describe in Part III.

8 Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III.

9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?

| | Yes | No |
|-----------|-----|----|
| 1b | | |
| 2 | | |
| 4a | | No |
| 4b | | No |
| 4c | | No |
| 5a | | No |
| 5b | | No |
| 6a | | No |
| 6b | | No |
| 7 | | No |
| 8 | | No |
| 9 | | |

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 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

2022

Open to Public Inspection

Name of the organization
CENTER FOR OPEN SCIENCE INC

Employer identification number

46-1496217

| Return Reference | Explanation |
|-------------------------------------|---|
| FORM 990 - ORGANIZATION'S MISSION | COS IS A NON-PROFIT TECHNOLOGY COMPANY AIMING TO PROMOTE OPENNESS, INTEGRITY, AND REPRODUCIBILITY OF SCIENTIFIC RESEARCH. COS ACCOMPLISHES THIS BY EMPLOYING FIVE INTERDEPENDENT ACTIVITIES: (1) METASCIENCE - ACQUIRING EVIDENCE TO ENCOURAGE CHANGE - COS PROVIDES EVIDENCE ON THE STATE OF SCIENCE, EVALUATES COS SERVICES TO MAXIMIZE EFFECTIVENESS, AND TRACKS CULTURE CHANGE IN OPENNESS; (2) INFRASTRUCTURE - BUILDING TECHNOLOGY TO ENABLE CHANGE - COS ESTABLISHES VIABILITY OF OPEN SCHOLARSHIP ACROSS THE ENTIRE RESEARCH LIFECYCLE, AND SUPPORTS HUNDREDS OF COMMUNITY INTERFACES FOR CONDUCTING AND SHARING SCHOLARLY ACTIVITY; (3) TRAINING - DISSEMINATING KNOWLEDGE TO ENACT CHANGE - COS OPTIMIZES TRAINING DELIVERY TO MAXIMIZE ITS REACH AND IMPACT PARTICULARLY FOR SUPPORTING UNDERSERVED COMMUNITIES, AND FOSTERS SUSTAINABILITY WITH INTEGRATION INTO COURSE CURRICULA; (4) INCENTIVES - PROVIDING REASONS TO EMBRACE CHANGE - COS BRINGS ADOPTION OF ITS INCENTIVE SERVICES TO SCALE, MONITORS AND INCENTIVIZES ADOPTION BY STAKEHOLDERS, AND INCORPORATES CONTINUOUS EVALUATION OF INTERVENTION EFFECTIVENESS; (5) COMMUNITY - FOSTERING CONNECTION AND INCLUSION TO PROPAGATE CHANGE - COS GROWS AND EMPOWERS COMMUNITY PARTNERSHIPS WITH INTEGRATED SERVICES AND COLLABORATION ACROSS STAKEHOLDER COMMUNITIES. |
| FORM 990, PAGE 2, PART III, LINE 4A | INFRASTRUCTURE: COS SUPPORTS AND MAINTAINS THE OSF (WWW.OSF.IO) TO HELP RESEARCHERS MANAGE, ARCHIVE, AND SHARE THEIR RESEARCH, PRIVATELY OR PUBLICLY. IN 2018, COS CONTINUED TO MAKE SIGNIFICANT PROGRESS IN ESTABLISHING THE OSF AS A FULL-FEATURED APPLICATION FRAMEWORK. THIS INCLUDED IMPROVEMENTS TO A NUMBER OF CORE FEATURES INCLUDING AUTHENTICATION, METADATA, MESSAGING, VERSION CONTROL, ACCESS CONTROL, DATA BASING, STORAGE SERVICES, AND A PUBLIC API. THE OSF IS NOW POSITIONED AS A FREE, PUBLIC INFRASTRUCTURE FOR CREATING, CONNECTING, AND INTEGRATING COUNTLESS SERVICES ACROSS THE RESEARCH LIFECYCLE. BECAUSE OF THE OSF'S OPEN, MODULAR DESIGN, WE AND OTHERS WILL BE ABLE TO INCORPORATE THE BACK- END SERVICES TO SUPPORT ANY KIND OF FRONT-END USER INTERFACES FOR COLLECTION OF SOCIAL SCIENCE RESEARCH PARTICIPANT DATA, WITH THE ABILITY TO EXTEND VERY EASILY TO COLLECTION OF META-DATA FOR ANY RESEARCH APPLICATION OR DISCIPLINE (NOT LIMITED TO SOCIAL SCIENCE). THE OSF PROVIDES A SOLUTION FOR RESEARCHERS WHO ARE COMPELLED TO CONDUCT THEIR RESEARCH OPENLY AND TRANSPARENTLY. IT ALSO PROVIDES A MECHANISM FOR POLICY MAKERS TO ENABLE PRACTICES OF OPENNESS AND TRANSPARENCY. THE OSF PROVIDES MULTIPLE POINTS OF ENTRY INTO OPEN PRACTICES, AND ALLOWS FOR RESEARCHERS TO ADOPT ADDITIONAL OPEN BEHAVIORS. |
| FORM 990, PAGE 2, PART III, LINE 4B | POLICY/COMMUNITY: AN ACTIVE OPEN SCIENCE COMMUNITY IS ESSENTIAL FOR TESTING AND IMPROVING INFRASTRUCTURE AND PRACTICES. OPEN SCIENCE PRACTICES WILL ACCELERATE DRAMATICALLY IF STAKEHOLDERS WITH LEVERS FOR CHANGE CREATE INCENTIVES OR REQUIREMENTS FOR RESEARCHERS. COS PROMOTES OPEN SCIENCE PRACTICES WITH JOURNALS, FUNDERS, RESEARCHERS, AND SOCIETIES. OUR POLICY TEAM TRACKS OPEN SCIENCE PRACTICES OF KEY COMMUNITY CHANGEMAKERS. WE OFFER SOLUTIONS TO CHANGE NORMS, INCENTIVES, AND POLICIES, WORKING IN COLLABORATION WITH PUBLISHERS, FUNDERS, SOCIETIES, INSTITUTIONS, AND RESEARCHER COMMUNITIES TO PROMOTE OPENNESS, RIGOR, AND REPRODUCIBILITY. THIS WORK IS GUIDED BY OUR TRANSPARENCY AND OPENNESS PROMOTION (TOP) GUIDELINES, A COMMUNITY DRIVEN EFFORT THAT PROVIDES A RUBRIC FOR ADOPTING OPENNESS STANDARDS. OVER 1,100 JOURNALS HAVE ADOPTED TOP GUIDELINES SINCE 2015. REREGISTRATION CHALLENGE: THE PREREGISTRATION CHALLENGE KICKED OFF IN 2015. PREREGISTRATION INCREASES THE CREDIBILITY OF HYPOTHESIS TESTING BY CONFIRMING IN ADVANCE WHAT WILL BE ANALYZED AND REPORTED. FOR THE PREREGISTRATION CHALLENGE, ONE THOUSAND RESEARCHERS WILL RECEIVE 1,000 EACH FOR PUBLISHING RESULTS OF PREREGISTERED RESEARCH. THIS CHALLENGE ENDED IN EARLY 2019. |
| FORM 990, PAGE 2, PART III, LINE 4C | METASCIENCE: COS SUPPORTS RESEARCH ON SCIENTIFIC PRACTICES. THESE EFFORTS CAN INFORM BEST PRACTICES AND SERVE AS PLATFORMS TO DEMONSTRATE REPRODUCIBLE RESEARCH METHODS. SOME ACHIEVEMENTS INCLUDE: -CONTINUED PUBLIC DISCOURSE AROUND RESULTS OF THE REPRODUCIBILITY PROJECT: PSYCHOLOGY (RESULTS PUBLISHED IN THE JOURNAL SCIENCE IN JUNE, 2015). -CONTINUAL RESULTS PUBLISHED BY THE REPRODUCIBILITY PROJECT: CANCER BIOLOGY. THE PROJECT PUBLISHES THE INDIVIDUAL REPLICATIONS IN SMALL BATCHES AND THEN A SUMMARY REPORT WILL BE PUBLISHED AT THE VERY END OF THE PROJECT. -THROUGH EXTERNAL GRANT AWARDS, COS CONTINUES TO SUPPORT THE REPRODUCIBILITY PROJECT: TRANSCRANIAL DIRECT CURRENT STIMULATION (TDCS) AT THE UNIVERSITY OF CALIFORNIA - DAVIS. -CONTINUED COMMUNITY DISCUSSION OF THE IMPACT OF THE COS STUDY ON THE IMPACT OF BADGES UPON DATA SHARING. THIS STUDY FOUND THAT THE JOURNAL PSYCHOLOGICAL SCIENCE EXPERIENCED AN INCREASE IN DATA SHARING FROM AROUND 3 PERCENT OF PUBLISHED ARTICLES TO NEARLY 40 PERCENT IN ONLY 1.5 YEARS FOLLOWING ADOPTION OF BADGES. COMPARISON JOURNALS WITHOUT BADGES SHOWED NO CHANGE IN DATA SHARING OVER THE SAME PERIOD. WE USE THESE FINDINGS TO PROMOTE ADOPTION OF BADGES AS SIMPLE INCENTIVES TOWARDS MORE OPEN EDITORIAL POLICIES. |
| FORM 990, PAGE 6, PART VI, LINE 11B | COPIES OF THE CENTERS FORM 990 ARE PROVIDED TO ALL MEMBERS OF THE BOARD FOR THEIR REVIEW PRIOR TO FILING OF THE RETURN. |
| FORM 990, PAGE 6, PART VI, LINE 12C | MEMBERS, OFFICERS AND MANAGEMENT ARE REQUIRED TO REVIEW THE CENTERS CONFLICT OF INTEREST POLICY ANNUALLY AND PROVIDE NOTIFICATION OF ANY POTENTIAL AREAS OF CONFLICT OF INTEREST. |
| FORM 990, PAGE 6, PART VI, LINE 15A | COMPENSATION PACKAGE MUST BE COMPETITIVE WITH SIMILAR POSITIONS IN THE INDUSTRY IN ORDER TO ATTRACT AND RETAIN EXECUTIVE TALENT. THE BOARD OF DIRECTORS IS RESPONSIBLE FOR APPROVAL, OVERSIGHT AND ADMINISTRATION OF THE EXECUTIVE DIRECTOR'S COMPENSATION. |
| FORM 990, PAGE 6, PART VI, LINE 19 | COPIES OF THE CENTERS FORM 1023 AND FORM 990 ARE AVAILABLE FOR PUBLIC INSPECTION AT THE CENTERS OFFICE. THE CENTER WILL PROVIDE COPIES OF THE FORMS 1023 AND 990 UPON REQUEST. COPIES OF THE MOST RECENT FORM 990 ARE POSTED ON THE CENTERS WEBSITE. |

Additional Data

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