

Return of Organization Exempt From Income Tax

2017

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.

Open to Public Inspection

Department of the Treasury Internal Revenue Service

Header section A-M containing organization details: SARSEF: Southern Arizona Research, Science and Eng, 4574 E Broadway Blvd, Tucson, AZ 85711, Employer ID 86-0946185, Website: www.sarsef.org, Form of organization: Corporation, Year of formation: 1999, State of legal domicile: AZ.

Part I Summary

Summary table with columns for Activities & Governance, Revenue, Expenses, and Net Assets or Fund Balances. Rows include mission statement, member counts, revenue (685,685), expenses (709,213), and net assets (379,666).

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.

Signature block for Kathleen A Bethel, Chief Executive Officer, dated 10-23-2018.

Paid Preparer Use Only section for Deborah Elver, Clear View Business Solutions, Tucson AZ 85741, dated 10-23-2018.

May the IRS discuss this return with the preparer shown above? (see instructions) [X] Yes [] No

For Paperwork Reduction Act Notice, see the separate instructions.

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 mission of SARSEF is to ensure the future success of Southern Arizona economic region by teaching critical thinking and problem-solving through science, engineering, and research to K-12 students, (Full Organization's mission statement on Schedule O Item 05 line B)

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

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No

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 \$ 357,383 including grants of \$) (Revenue \$) The SARSEF Educational Outreach Program directly taught critical thinking and problem solving through research by traveling to schools for free presentations. The Outreach Program impacted 66,852 underrepresented (minority/female) students in areas of poverty (Title I) and rural areas, 1,088 parents and 1,014 teachers. SARSEF Fair Week was the culminating event for all SARSEF programs. 95,000 students conducted research requiring critical thinking to be selected for this competition where over \$100,000 in scholarships, trips, and prizes were awarded.

4b (Code:) (Expenses \$ 73,520 including grants of \$) (Revenue \$) ISEF International Competition: The top seven SARSEF finalists from throughout Arizona's high schools, and the top three Eighth Graders were selected to attend the Intel International Science and Engineering Fair with their parents or teachers. Finalist compete globally for top honors and additional scholarships. This past year the week-long event was held in Pittsburgh, PA in May, 2018.

4c (Code:) (Expenses \$ 40,186 including grants of \$) (Revenue \$) Program Advancement: This is to provide funding support for each of the other programs through donor events, membership campaigns and fundraising.

4d Other program services (Describe in Schedule O.) (Expenses \$ 60,531 including grants of \$) (Revenue \$)

4e Total program service expenses 531,620

Part IV Checklist of Required Schedules

Table with 3 columns: Question ID, Question Text, Yes, No. Rows include questions 1 through 19 regarding organizational requirements and reporting.

Part IV Checklist of Required Schedules (continued)

		Yes	No
20a	Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		X
b	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
21	Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>		X
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>		X
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>		X
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>		X
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?		
25a	Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>		X
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>		X
26	Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II</i>		X
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i>		X
28	Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions):		
a	A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>		X
b	A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>		X
c	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i>		X
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>		X
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>		X
31	Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>		X
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>		X
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>		X
34	Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i>		X
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?		X
b	If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i>		X
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>		X
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>		X
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O.	X	

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 columns for question number, description, and Yes/No checkboxes. Includes sections for backup withholding, employee reporting, unrelated business income, foreign accounts, prohibited tax shelter transactions, deductible contributions, and sponsoring organizations.

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 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 [X]

Section A. Governing Body and Management

Table with 5 columns: Question ID, Question Description, Yes, No. Rows include 1a, 1b, 2, 3, 4, 5, 6, 7a, 7b, 8, 8a, 8b, 9.

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

Table with 5 columns: Question ID, Question Description, Yes, No. Rows include 10a, 10b, 11a, 11b, 12a, 12b, 12c, 13, 14, 15, 15a, 15b, 16a, 16b.

Section C. Disclosure

- 17 List the states with which a copy of this Form 990 is required to be filed -> Arizona
18 Section 6104 requires an organization to make its Forms 1023 (or 1024 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: -> Kathleen A Bethel (520)940-1963, 4574 E Broadway Blvd, Tucson, AZ 85711

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 instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and 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.

List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

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)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(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) Kathleen A Bethel Chief Executive Officer	40.00	X		X				36,880	0	900
(2) Alan Goldberg Board Member	3.00	X						0	0	0
(3) John Schaefer Honorary Chairman	1.00	X						0	0	0
(4) Betsy Bolding Chair, Founding Board Member	25.00	X		X				0	0	0
(5) Larry Lebofsky Board Member	2.00	X						0	0	0
(6) DaNel Hogan Past Vice Chair	4.00	X		X				0	0	0
(7) Rajendran Subramaniam Treasurer	5.00	X		X				0	0	0
(8) Ravishankar Palanivelu Vice Chair	4.00	X		X				0	0	0
(9) Antonio Ramirez Secretary	2.00	X		X				0	0	0
(10) Sharon O'Neal Past Treasurer	3.00	X		X				0	0	0
(11) Mary Fosdick Board Member	10.00	X						0	0	0
(12) Margaret Wilch Founding Board Member	3.00	X						0	0	0
(13)										
(14)										

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

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(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			
(15) -----										
(16) -----										
(17) -----										
(18) -----										
(19) -----										
(20) -----										
(21) -----										
(22) -----										
(23) -----										
(24) -----										
(25) -----										
1b Sub-total										
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)							36,880	0	900	

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization **0**

	Yes	No
3 Did the organization list any former officer, director, or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>		X
4 For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>		X
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>		X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization **0**

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	
Contributions, Gifts, Grants and Other Similar Amounts	1a Federated campaigns	1a					
	b Membership dues	1b	50,010				
	c Fundraising events	1c					
	d Related organizations	1d					
	e Government grants (contributions) . .	1e					
	f All other contributions, gifts, grants, and similar amounts not included above	1f	616,329				
	g Noncash contributions included in lines 1a-1f: \$						
	h Total. Add lines 1a-1f ▶		666,339				
Program Service Revenue	2a _____		Business Code				
	b _____						
	c _____						
	d _____						
	e _____						
	f All other program service revenue						
	g Total. Add lines 2a-2f ▶						
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts) ▶		17,108			17,108	
	4 Income from investment of tax-exempt bond proceeds . . . ▶						
	5 Royalties ▶						
	6a Gross rents	(i) Real	(ii) Personal				
		b Less: rental expenses					
		c Rental income or (loss)					
		d Net rental income or (loss) ▶					
	7a Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other				
		b Less: cost or other basis and sales expenses		4,044			
		c Gain or (loss)		100			
		d Net gain or (loss) ▶		3,944	3,944		
	8a Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18 a						
	b Less: direct expenses b						
	c Net income or (loss) from fundraising events ▶						
	9a Gross income from gaming activities. See Part IV, line 19 a						
b Less: direct expenses b							
c Net income or (loss) from gaming activities ▶							
10a Gross sales of inventory, less returns and allowances a							
b Less: cost of goods sold b							
c Net income or (loss) from sales of inventory ▶							
Miscellaneous Revenue		Business Code					
11a _____							
b _____							
c _____							
d All other revenue							
e Total. Add lines 11a-11d ▶							
12 Total revenue. See instructions ▶			687,391	3,944	0	17,108	

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				
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	35,784		35,784	
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	261,720	164,884	31,406	65,430
8	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions) . .				
9	Other employee benefits	25,851	20,243	5,608	
10	Payroll taxes	19,220	9,610	4,805	4,805
11	Fees for services (non-employees):				
a	Management				
b	Legal				
c	Accounting	8,886		8,886	
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.) . .	10,153	9,053	1,100	
12	Advertising and promotion	14,920	14,392	528	
13	Office expenses	1,146	962	184	
14	Information technology	314	95	219	
15	Royalties				
16	Occupancy	31,727	28,677	3,050	
17	Travel	40,439	39,947	492	
18	Payments of travel or entertainment expenses for any federal, state, or local public officials				
19	Conferences, conventions, and meetings	87,992	87,992		
20	Interest				
21	Payments to affiliates				
22	Depreciation, depletion, and amortization	4,501	4,310	191	
23	Insurance	2,619	1,719	900	
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	Web and Data Base	16,586	11,989	4,597	
b	Registration, Fees and Dues	12,993	8,924	4,069	
c	Student Awards	66,984	66,984		
d	Student Supplies	45,484	45,474	10	
e	All other expenses _____	17,963	16,365	1,598	
25	Total functional expenses. Add lines 1 through 24e .	705,282	531,620	103,427	70,235
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 X

		(A)		(B)
		Beginning of year		End of year
Assets	1 Cash - non-interest-bearing	19,441	1	57,195
	2 Savings and temporary cash investments	365,664	2	45,230
	3 Pledges and grants receivable, net		3	
	4 Accounts receivable, net		4	
	5 Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L		5	
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions). Complete Part II of Schedule L		6	
	7 Notes and loans receivable, net		7	
	8 Inventories for sale or use		8	
	9 Prepaid expenses and deferred charges		9	
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 17,742		
	b Less: accumulated depreciation	10b 10,975	11,268	10c 6,767
	11 Investments - publicly traded securities		11	258,207
	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		15	
16 Total assets. Add lines 1 through 15 (must equal line 34)		396,373	16	367,399
Liabilities	17 Accounts payable and accrued expenses	16,707	17	5,624
	18 Grants payable		18	
	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 current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L		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		25	
	26 Total liabilities. Add lines 17 through 25		16,707	26
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.			
	27 Unrestricted net assets	379,666	27	361,775
	28 Temporarily restricted net assets		28	
	29 Permanently restricted net assets		29	
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.			
	30 Capital stock or trust principal, or current funds		30	
	31 Paid-in or capital surplus, or land, building, or equipment fund		31	
	32 Retained earnings, endowment, accumulated income, or other funds		32	
33 Total net assets or fund balances	379,666	33	361,775	
34 Total liabilities and net assets/fund balances	396,373	34	367,399	

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	687,391
2	Total expenses (must equal Part IX, column (A), line 25)	2	705,282
3	Revenue less expenses. Subtract line 2 from line 1	3	(17,891)
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	379,666
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	0
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	361,775

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 checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in 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		X
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 type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		X
c	If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.		
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?		X
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		

SCHEDULE A
(Form 990 or 990-EZ)

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

2017

Open to Public Inspection

Name of the organization

Employer identification number

SARSEF: Southern Arizona Research, Science and Eng

86-0946185

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 or 990-EZ).)
- 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 **section 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 in 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		
(A)						
(B)						
(C)						
(D)						
(E)						
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 fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Table with 7 columns: (a) 2013, (b) 2014, (c) 2015, (d) 2016, (e) 2017, (f) Total. Rows include: 1 Gifts, grants, contributions, and membership fees received; 2 Tax revenues levied for the organization's benefit; 3 The value of services or facilities furnished by a governmental unit; 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

Table with 7 columns: (a) 2013, (b) 2014, (c) 2015, (d) 2016, (e) 2017, (f) Total. Rows include: 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).

13 First five 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

Section C. Computation of Public Support Percentage

Table with 3 columns: Line number, Description, and Percentage. Rows include: 14 Public support percentage for 2017 (line 6, column (f) divided by line 11, column (f)) 69.83%; 15 Public support percentage from 2016 Schedule A, Part II, line 14 71.01%; 16a 33 1/3% support test - 2017. 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 [checked]; 16b 33 1/3% support test - 2016. 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; 17a 10%-facts-and-circumstances test - 2017. 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; 17b 10%-facts-and-circumstances test - 2016. 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; 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.

SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No. 1545-0047

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.

2017

Attach to Form 990.

Open to Public Inspection

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

Department of the Treasury Internal Revenue Service

Name of the organization: SARSEF: Southern Arizona Research, Science and Eng; Employer identification number: 86-0946185

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, aggregate value of grants, and compliance questions regarding donor advisement.

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 Tax Year. Rows include purpose(s) of conservation easements, total number of easements, acreage restricted, and compliance questions regarding monitoring and reporting.

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 collections of art and historical treasures, including revenue and asset values.

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 on 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 Temporarily restricted 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				
d Equipment		17,742	10,975	6,767
e Other				
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)				6,767

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Name of the organization

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

2017

**Open to Public
Inspection**

SARSEF: Southern Arizona Research, Science and Eng

Employer identification number

86-0946185

01. Governing body meeting documentation (Part VI, line 8a)

Minutes are recorded at each meeting and later voted on/approved at the next meeting

02. Form 990 governing body review (Part VI, line 11)

The Form 990 is provided to the board for review before filing

03. Conflict of interest policy compliance (Part VI, line 12c)

When Board By-Laws were reviewed and approved at annual Board Meeting each year

04. Governing documents, etc, available to public (Part VI, line 19)

Upon request.

05. General explanation attachment

A. Name of organization (Header C):

Full legal name

SARSEF: Southern Arizona Research, Science and Engineering Foundation

B. Organization's Mission (Part I Summary line 1 and Part III line 1):

The mission of SARSEF is to ensure the future success of Southern Arizona economic region
by teaching critical thinking and problem-solving through science, engineering, and
research to K-12 students, with a focus on reaching those that are underrepresented and
living in areas of poverty.

Depreciation and Amortization (Including Information on Listed Property)

Department of the Treasury
Internal Revenue Service (99)

▶ Attach to your tax return.

▶ Go to www.irs.gov/Form4562 for instructions and the latest information.

Attachment
Sequence No. **179**

Name(s) shown on return SARSEF: Southern Arizona Research	Business or activity to which this form relates FORM 990 - 1	Identifying number 86-0946185
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Part I Election To Expense Certain Property Under Section 179

Note: If you have any listed property, complete Part V before you complete Part I.

1	Maximum amount (see instructions)	1	
2	Total cost of section 179 property placed in service (see instructions)	2	
3	Threshold cost of section 179 property before reduction in limitation (see instructions)	3	
4	Reduction in limitation. Subtract line 3 from line 2. If zero or less, enter -0-	4	
5	Dollar limitation for tax year. Subtract line 4 from line 1. If zero or less, enter -0-. If married filing separately, see instructions	5	
6	(a) Description of property	(b) Cost (business use only)	(c) Elected cost
7	Listed property. Enter the amount from line 29	7	
8	Total elected cost of section 179 property. Add amounts in column (c), lines 6 and 7	8	
9	Tentative deduction. Enter the smaller of line 5 or line 8	9	
10	Carryover of disallowed deduction from line 13 of your 2016 Form 4562	10	
11	Business income limitation. Enter the smaller of business income (not less than zero) or line 5 (see instructions)	11	
12	Section 179 expense deduction. Add lines 9 and 10, but don't enter more than line 11	12	
13	Carryover of disallowed deduction to 2018. Add lines 9 and 10, less line 12	13	

Note: Don't use Part II or Part III below for listed property. Instead, use Part V.

Part II Special Depreciation Allowance and Other Depreciation (Don't include listed property.) (See instructions.)

14	Special depreciation allowance for qualified property (other than listed property) placed in service during the tax year (see instructions)	14	
15	Property subject to section 168(f)(1) election	15	
16	Other depreciation (including ACRS)	16	

Part III MACRS Depreciation (Don't include listed property.) (See instructions.)

Section A

17	MACRS deductions for assets placed in service in tax years beginning before 2017	17	
18	If you are electing to group any assets placed in service during the tax year into one or more general asset accounts, check here	<input type="checkbox"/>	

Section B - Assets Placed in Service During 2017 Tax Year Using the General Depreciation System

(a) Classification of property	(b) Month and year placed in service	(c) Basis for depreciation (business/investment use only-see instructions)	(d) Recovery period	(e) Convention	(f) Method	(g) Depreciation deduction
19a 3-year property						
b 5-year property						
c 7-year property						
d 10-year property						
e 15-year property						
f 20-year property						
g 25-year property			25 yrs.		S/L	
h Residential rental property			27.5 yrs.	MM	S/L	
			27.5 yrs.	MM	S/L	
i Nonresidential real property			39 yrs.	MM	S/L	
				MM	S/L	

Section C - Assets Placed in Service During 2017 Tax Year Using the Alternative Depreciation System

20a	Class life				S/L	
b	12-year		12 yrs.		S/L	
c	40-year		40 yrs.	MM	S/L	

Part IV Summary (See instructions.)

21	Listed property. Enter amount from line 28	21	4,501
22	Total. Add amounts from line 12, lines 14 through 17, lines 19 and 20 in column (g), and line 21. Enter here and on the appropriate lines of your return. Partnerships and S corporations - see instructions	22	4,501
23	For assets shown above and placed in service during the current year, enter the portion of the basis attributable to section 263A costs	23	

For Paperwork Reduction Act Notice, see separate instructions.

Part V Listed Property (Include automobiles, certain other vehicles, certain aircraft, certain computers, and property used for entertainment, recreation, or amusement.)

Note: For any vehicle for which you are using the standard mileage rate or deducting lease expense, complete **only** 24a, 24b, columns (a) through (c) of Section A, all of Section B, and Section C if applicable.

Section A - Depreciation and Other Information (Caution: See the instructions for limits for passenger automobiles.)

24a Do you have evidence to support the business/investment use claimed? Yes No **24b** If "Yes," is the evidence written? Yes No

(a) Type of property (list vehicles first)	(b) Date placed in service	(c) Business/investment use percentage	(d) Cost or other basis	(e) Basis for depreciation (business/investment use only)	(f) Recovery period	(g) Method/Convention	(h) Depreciation deduction	(i) Elected section 179 cost	
25 Special depreciation allowance for qualified listed property placed in service during the tax year and used more than 50% in a qualified business use (see instructions)							25		
26 Property used more than 50% in a qualified business use:									
Statement #567		%					4,501		
		%							
		%							
27 Property used 50% or less in a qualified business use:									
		%				S/L-			
		%				S/L-			
		%				S/L-			
28 Add amounts in column (h), lines 25 through 27. Enter here and on line 21, page 1							28	4,501	
29 Add amounts in column (i), line 26. Enter here and on line 7, page 1							29		

Section B - Information on Use of Vehicles

Complete this section for vehicles used by a sole proprietor, partner, or other "more than 5% owner," or related person. If you provided vehicles to your employees, first answer the questions in Section C to see if you meet an exception to completing this section for those vehicles.

	(a) Vehicle 1		(b) Vehicle 2		(c) Vehicle 3		(d) Vehicle 4		(e) Vehicle 5		(f) Vehicle 6	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
30 Total business/investment miles driven during the year (don't include commuting miles)												
31 Total commuting miles driven during the year												
32 Total other personal (noncommuting) miles driven												
33 Total miles driven during the year. Add lines 30 through 32												
34 Was the vehicle available for personal use during off-duty hours?												
35 Was the vehicle used primarily by a more than 5% owner or related person?												
36 Is another vehicle available for personal use?												

Section C - Questions for Employers Who Provide Vehicles for Use by Their Employees

Answer these questions to determine if you meet an exception to completing Section B for vehicles used by employees who aren't more than 5% owners or related persons (see instructions).

	Yes	No
37 Do you maintain a written policy statement that prohibits all personal use of vehicles, including commuting, by your employees?		
38 Do you maintain a written policy statement that prohibits personal use of vehicles, except commuting, by your employees? See the instructions for vehicles used by corporate officers, directors, or 1% or more owners		
39 Do you treat all use of vehicles by employees as personal use?		
40 Do you provide more than five vehicles to your employees, obtain information from your employees about the use of the vehicles, and retain the information received?		
41 Do you meet the requirements concerning qualified automobile demonstration use? (See instructions.)		

Note: If your answer to 37, 38, 39, 40, or 41 is "Yes," don't complete Section B for the covered vehicles.

Part VI Amortization

(a) Description of costs	(b) Date amortization begins	(c) Amortizable amount	(d) Code section	(e) Amortization period or percentage	(f) Amortization for this year
42 Amortization of costs that begins during your 2017 tax year (see instructions):					
43 Amortization of costs that began before your 2017 tax year					43
44 Total. Add amounts in column (f). See the instructions for where to report					44

Statement of Program Service Accomplishments

2017 PG01

Name(s) as shown on return

Your Social Security Number

SARSEF: Southern Arizona Research, Science and Eng

86-0946185

Form 990-Part III(a)
Statement of Service Accomplishment

Statement #4

Program Service Code	
Program Service Expenses	\$21771
Grants and allocations included in above expense	\$0
Program Services Revenue	\$0

Explanation

Arizona STEM (Science, Technology, Engineering and Math) Adventure impacted 1,000 Gr. 4-8 students, as 56 STEM organizations shared their world, motivating children to enter the world of STEM. 50 Gr. 4-8 teachers were provided Professional Development with best practices and \$150 of free materials for science lessons.

Statement of Program Service Accomplishments**2017 PG01**

Name(s) as shown on return

Your Social Security Number

SARSEF: Southern Arizona Research, Science and Eng

86-0946185

Form 990-Part III(b)
Statement of Service Accomplishment

Statement #4

Program Service Code	
Program Service Expenses	\$21192
Grants and allocations included in above expense	\$0
Program Services Revenue	\$0

Explanation

Imagine Your STEM Future Mentoring Project. A collaborative project between Raytheon, Desert View High School and SARSEF brought real-world female scientists and engineers together with 145 girls, Grades 9-12, who benefitted from a single-gender classroom environment to encourage future STEM leaders.

Statement of Program Service Accomplishments

2017 PG01

Name(s) as shown on return

Your Social Security Number

SARSEF: Southern Arizona Research, Science and Eng

86-0946185

Form 990-Part III(c)
Statement of Service Accomplishment

Statement #4

Program Service Code	
Program Service Expenses	\$17568
Grants and allocations included in above expense	\$0
Program Services Revenue	\$0

Explanation

ACES (Applied Career Exploration in Science) Camp. ACES provided a week of science camp for 48 middle school girls at a critical time in their lives which allowed them to experience campus life so they know they will be ready to pursue higher education in STEM.

Federal Supporting Statements

2017 PG01

Name(s) as shown on return

Employer Identification Number

SARSEF: Southern Arizona Research, Science and Eng

86-0946185

Form 4562 - Line 26

Statement #567

Description	Date	%Bus	Cost	Depr Basis	RP	Method	Deduction	179 Ded
Computer Equipment	07-01-2013	100	2,034	2,034	5	200DBHY	234	
Computer Equipment	01-20-2014	100	870	870	5	200DBHY	100	
Laptop	04-02-2014	100	1,499	1,499	5	200DBMQ	164	
Computer	04-30-2014	100	1,484	1,484	5	200DBMQ	162	
Computer UofA bookstore	12-16-2016	100	2,491	2,491	5	200DBMQ	747	
3D Printer InStax	01-04-2017	100	2,208	2,208	5	200DBMQ	751	
Computer Apple	01-31-2016	100	997	997	5	200DBHY	191	
Computer Apple	01-31-2016	100	997	997	5	200DBHY	191	
Computer Bloomerrang Program Advancement	05-16-2017	100	5,161	5,161	5	200DBMQ	<u>1,961</u>	
Total							<u><u>4,501</u></u>	

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Overflow Statement

2017
Page 1

Name(s) as shown on return

FEIN

SARSEF: Southern Arizona Research, Science and Eng

86-0946185

Fees for Services 11g

<u>Description</u>	<u>Amount</u>
<u>Contract</u>	<u>\$ 6,793</u>
<u>Consulting</u>	<u>1,360</u>
<u>Trademark Registration</u>	<u>900</u>
Total:	<u>\$ 9,053</u>

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Overflow Statement

2017
Page 2

Name(s) as shown on return

FEIN

SARSEF: Southern Arizona Research, Science and Eng

86-0946185

IX Statement of Functional Expenses Program Service line 24e

<u>Description</u>	<u>Amount</u>
Dues and subscriptions	\$ 1,419
Equipment Purchases	738
Fees	1,102
Printing and Copying	5,707
Professional Development	3,870
Misc	130
Cleaning	1,095
Volunteer Food	582
Donations	(24)
Newsletter	1,087
Postage	547
Training	55
Parking	47
Refunds	10
Total:	\$ 16,365

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Overflow Statement

2017
Page 3

Name(s) as shown on return

FEIN

SARSEF: Southern Arizona Research, Science and Eng

86-0946185

IX Statement of Admin Expenses line 24e

<u>Description</u>	<u>Amount</u>
Dues and subscriptions	\$ 450
Professional Development	89
Misc	(364)
Printing and copying	84
Payroll Processing Fees	228
Cleaning	605
Volunteer Food	487
Donation	(500)
Training	515
Parking	4
Total:	\$ 1,598