

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 The SPHERE Institute is to innovate and significantly improve the data and information provided to policy makers who design, revise, test, and implement health care, education, welfare, and housing programs and labor market preparedness and training programs at the national, state, and local--county and municipal--levels. Our research and evaluation improve health and human services programs and facilitate their delivery to the public.
- 2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? Yes No
If "Yes," describe these new services on Schedule O
- 3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No
If "Yes," describe these changes on Schedule O.
- 4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code: 518210) (Expenses \$ 21,434,211 including grants of \$ -0-) (Revenue \$ 21,465,009)
 Health policy and social infrastructure: In conjunction with its related organization, Acumen LLC, The SPHERE Institute offers The Center for Medicare and Medicaid Services and other federal agencies, the National Institutes of Health, and related government agencies at the state and local level and public health practitioners a powerful policy analysis capability providing specific, impartial advice and context evaluation for policy formation. In addition to these projects, The SPHERE Institute on its own conducted work for the U.S. Department of Health and Human Services, Health Resources and Services Administration, on national training and technical assistance, through California counties. In developing models for timely analyses capability, SPHERE gas created a deep analysis of health and social trends in the U.S. and the State of California that also provides a solid infrastructure for its long-term research program. The projects Data Link, Medicare Wage Index, Medicare Part D, HCIA, Prescription Drug Data, and numerous others for the Department of Health and Human Services are recurrent and long-run studies. They assess the comparative effectiveness and costs of various programs including the four Ryan Act CARE special programs. They also engage the marginalized HIV-positive populations into primary health care by employing peer-based outreach methods. The large-scale project Data Link shows how to increase the effectiveness of health programs through consolidation of digitized information on patients, treatments, and facilities.

4b (Code: 518210) (Expenses \$ included in 4a including grants of \$ -0-) (Revenue \$ included in 4a)
 (Cont. from 4a): Social, labor, and child welfare policies. The SPHERE Institute conducts projects for the California Department of Social Services and for the Department of Development Services. These projects in 2015 were done in the Santa Clara and San Bernadino counties in California. In addition, child welfare policies were continued in the Santa Clara county in coordination with Child Welfare Agencies. Those projects include a wide range of social services, programs, and sub-programs, providing technical assistance to many of the service providers and perform analyses of the systems in which these programs exist. SPHERE makes ongoing research projects on home visitation, foster youth services and child care assistance. Projects in these areas address the provision of human services by both public agencies and private, community-based organization, emphasizing the effective use of analysis and data in program design, service integration, and outcome-based management. This particular project's expense and revenue relate to the project conducted in the Santa Clara county. The next item extends this description using the similar project in the San Bernadino County.
 (See continued in 4c)

4c (Code: 518210) (Expenses \$ included in 4a including grants of \$ -0-) (Revenue \$ included in 4a)
 (Cont. from 4a):
 Social, labor, and child welfare and family policies: The SPHERE Institute conducts ongoing projects for the California Department of Social Services and for the Department of Development Services. These projects in 2014 were done in the Santa Clara and San Bernadino counties in California. In addition, child welfare policies were continued in the Santa Clara county in coordination with Child Welfare Agencies. Those projects include a wide range of social services, programs, and sub-programs, providing technical assistance to many of the service providers and perform analyses of the systems in which these programs exist. SPHERE makes ongoing research projects on home visitation, foster youth services and child care assistance. This particular project's expense and revenue relate to the project conducted in the San Bernadino county. SPHERE has developed the Comprehensive Assessment Tool (CAT), Safety and Risk Assessment System for California Department of Social Services. It is evidence-based system for use in counties' Child Welfare Services. It has been already implemented in 13 counties. It assists social workers to gather critical data and information and ensure that key information is reviewed at each decision point of a case. The SPHERE Institute works with Santa Clara and San Bernadino counties to train social workers to use this tool.

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

4e Total program service expenses **21,434,211**

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Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A	✓	
2 Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)?		✓
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I		✓
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II		✓
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III		✓
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I		✓
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? If "Yes," complete Schedule D, Part II		✓
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III		✓
9 Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV		✓
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? If "Yes," complete Schedule D, Part V		✓
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.		
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI		✓
b Did the organization report an amount for investments—other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII	✓	
c Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VIII		✓
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part IX		✓
e Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	✓	
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X		✓
12 a Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI and XII	✓	
b Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional		✓
13 Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E		✓
14 a Did the organization maintain an office, employees, or agents outside of the United States?		✓
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? If "Yes," complete Schedule F, Parts I and IV		✓
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? If "Yes," complete Schedule F, Parts II and IV		✓
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV		✓
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? If "Yes," complete Schedule G, Part I (see instructions)		✓
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If "Yes," complete Schedule G, Part II		✓
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes," complete Schedule G, Part III		✓

Part IV Checklist of Required Schedules (continued)

	Yes	No
20 a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		✓
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>		✓
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>		✓
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>	✓	
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>		✓
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>		✓
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>		✓
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>		✓
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>		✓
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>		✓
b A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>		✓
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>	✓	
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>		✓
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>		✓
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>		✓
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>		✓
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>		✓
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>		✓
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?		
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>		
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>		✓
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>		✓
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.	✓	

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, question text, and Yes/No response boxes. Includes questions 1a through 14b regarding IRS filings and tax compliance.

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O.		
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.)

		Yes	No
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 in 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 in 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	✓	
If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions).			
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 ► **CALIFORNIA**
- 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
 Own website Another's website Upon request Other (explain in Schedule O)
- 19** Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
- 20** State the name, address, and telephone number of the person who possesses the organization's books and records: ►
Thomas E. MaCurdy, 500 Airport Blvd, Suite 340. Burlingame, CA 94010, tel. 650-558-3980

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) Thomas E. MacCurdy, President	20									
(2) Gerald P. Gillespie, Chairman of the Board	4	✓		✓			86,342	458,125	958,042	
(3) Gian Balsamo, Board member	2	✓					2,000			
(4) Semion Lyanders, Vice-Chair of the Board	3	✓					2,000			
(5) Jiemin Liao, Project Leader	40				✓		121,006			
(6) Vaikath Job, Project Leader	40				✓	✓	145,970			
(7) Gregory Boro, Program Director	40			✓		✓	206,658			
(8) Maria Jaurequi Vasquez, Project Leader	40				✓		134,961			
(9) Nan Chen, Associate	40				✓		133,097			
(10) Yoganand Chillarige, Associate	40				✓		114,146			
(11) Michael Collier, Project Leader	40				✓		146,773			
(12) Kyle Dobitz, Project Associate	40				✓	✓	147,607			
(13) Anton Kravchenko, Associate	40				✓		137,817			
(14) Natalia Panikashvili, Project Director	40				✓	✓	156,679			

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) Dimitra Politi, Project Director	40				✓	✓	166,875			
(16) Jonathan Stanton, Project Leader	40				✓		141,709			
(17) Ivana Stogic, Associate	40				✓		115,161			
(18) Edward Sung, Project Leader	40				✓		122,244			
(19) Jonathan Gibbs, former officer Current Board Member	40 5	✓		✓			35,000	232,971	13,317	
(20) Zhzoyi Zhou, Associate	40				✓		115,672			
(21) Yue Jin, Associate	40				✓		111,325			
(22) Alejandro Montesinos Ovilla, IT Leader	40				✓		116,394			
(23) Nathaniel Lee-Luders, Associate	40				✓		118,101			
(24) Sigrid Saavedra, Associate	40				✓		114,706			
(25) Amrit Singh, Associate	40				✓		114,525			
1b Sub-total							2,808,768	691,096	971,359	
c Total from continuation sheets to Part VII, Section A							-0-	-0-	-0-	
d Total (add lines 1b and 1c)							2,808,768	691,096	971,359	

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 ▶

	Yes	No
3 Did the organization list any former officer, director, or trustee, key employee, or highest compensated employee on line 1a? If "Yes," complete Schedule J for such individual	3 ✓	
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? If "Yes," complete Schedule J for such individual	4 ✓	
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? If "Yes," complete Schedule J for such person	5	✓

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
Fragomen Del Rey Bernsen & Loewy, LLP 555 Montgomery St., San Francisco, CA	Legal	227,221

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 ▶

1

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					
	1b	Membership dues					
	1c	Fundraising events					
	1d	Related organizations					
	1e	Government grants (contributions)					
	1f	All other contributions, gifts, grants, and similar amounts not included above					
	g	Noncash contributions included in lines 1a-1f \$					
	h	Total. Add lines 1a-1f					
Program Service Revenue	2a	Data analysis, policy research	21,465,009	21,465,009	-0-	-0-	
	b						
	c						
	d						
	e						
	f	All other program service revenue					
	g	Total. Add lines 2a-2f	21,465,009				
Other Revenue	3	Investment income (including dividends, interest, and other similar amounts)	47,957	47,957	-0-	-0-	
	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					
	c	Gain or (loss)					
d	Net gain or (loss)						
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		-0-				
12	Total revenue. See instructions		21,512,966	21,512,966	-0-	-0-	

Part IX Statement of Functional Expenses

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

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21	-0-			
2 Grants and other assistance to domestic individuals. See Part IV, line 22	-0-			
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16	-0-			
4 Benefits paid to or for members	-0-			
5 Compensation of current officers, directors, trustees, and key employees	2,808,768	2,602,200	206,568	-0-
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	-0-			
7 Other salaries and wages	10,749,661	10,741,896	7,765	-0-
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	677,099	666,387	10,712	-0-
9 Other employee benefits	1,227,785	1,220,017	7,768	-0-
10 Payroll taxes	983,697	971,482	12,215	-0-
11 Fees for services (non-employees):				
a Management	34,402	-0-	34,402	-0-
b Legal	227,221	-0-	227,221	-0-
c Accounting	53,926	-0-	53,926	-0-
d Lobbying	-0-			
e Professional fundraising services. See Part IV, line 17	-0-			
f Investment management fees	-0-			
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O.)	6,185	6,185	-0-	-0-
12 Advertising and promotion				
13 Office expenses	42,151	42,151	-0-	-0-
14 Information technology	47,270	47,270	-0-	-0-
15 Royalties	-0-			
16 Occupancy	445	218	227	-0-
17 Travel	33,979	33,979	-0-	-0-
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	-0-			
19 Conferences, conventions, and meetings	1,346	1,346	-0-	-0-
20 Interest	1,336	-0-	1,336	-0-
21 Payments to affiliates	4,359,699	4,359,699	-0-	-0-
22 Depreciation, depletion, and amortization	-0-			
23 Insurance	129,471	129,471	-0-	-0-
24 Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a Licenses, permits, dues, environmental taxes	2,934	315	2,619	-0-
b Postage and delivery	1,137	1,100	37	-0-
c Printing and reproduction	260	260	-0-	-0-
d Telephone	33,939	33,900	39	-0-
e All other expenses Reference materials	11,500	11,500	-0-	-0-
25 Total functional expenses. Add lines 1 through 24e	21,434,211	20,869,376	564,835	-0-
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

Part X Balance Sheet

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

		(A) Beginning of year		(B) End of year	
Assets	1 Cash—non-interest-bearing	571,274	1	1,213,163	
	2 Savings and temporary cash investments	4,492,615	2	3,804,977	
	3 Pledges and grants receivable, net		3		
	4 Accounts receivable, net	8,593,845	4	6,681,197	
	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			
	b Less: accumulated depreciation	10b		10c	
	11 Investments—publicly traded securities		11		
	12 Investments—other securities. See Part IV, line 11	3,000,000	12	5,250,000	
	13 Investments—program-related See Part IV, line 11		13		
	14 Intangible assets		14		
	15 Other assets. See Part IV, line 11	300	15	3,880	
16 Total assets. Add lines 1 through 15 (must equal line 34)	16,658,034	16	16,953,217		
Liabilities	17 Accounts payable and accrued expenses	656,940	17	614,964	
	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	999,985	24	999,985	
	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	1,014,182	25	1,272,586	
	26 Total liabilities. Add lines 17 through 25	2,671,107	26	2,887,535	
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.				
	27 Unrestricted net assets		27		
	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	13,986,927	32	14,065,682	
33 Total net assets or fund balances	13,986,927	33	14,065,682		
34 Total liabilities and net assets/fund balances	16,658,034	34	16,953,217		

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	21,512,966
2	Total expenses (must equal Part IX, column (A), line 25)	2	21,434,211
3	Revenue less expenses. Subtract line 2 from line 1	3	78,755
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	13,986,927
5	Net unrealized gains (losses) on investments	5	-0-
6	Donated services and use of facilities	6	-0-
7	Investment expenses	7	-0-
8	Prior period adjustments	8	-0-
9	Other changes in net assets or fund balances (explain in Schedule O)	9	-0-
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	14,065,682

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 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 checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	✓	
b Were the organization's financial statements audited by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both. <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input checked="" type="checkbox"/> Both consolidated and separate basis	✓	
c If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O		✓
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?	✓	
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits.	✓	

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
The SPHERE Institute

Employer identification number
91-1748201

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. 09
- 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

Calendar year (or fiscal year beginning in) ▶	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 Public support. Subtract line 5 from line 4						

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
7 Amounts from line 4						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources						
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI)						
11 Total support. Add lines 7 through 10						
12 Gross receipts from related activities, etc. (see instructions)					12	
13 First 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						<input type="checkbox"/>

Section C. Computation of Public Support Percentage

14 Public support percentage for 2017 (line 6, column (f) divided by line 11, column (f))	14	%
15 Public support percentage from 2016 Schedule A, Part II, line 14	15	%
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		<input type="checkbox"/>
b 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		<input type="checkbox"/>
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		<input type="checkbox"/>
b 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		<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

Calendar year (or fiscal year beginning in) ▶	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants")						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose	6,627,647	11,398,647	14,963,098	20,801,678	21,465,009	75,256,079
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5	6,627,647	11,398,647	14,963,098	20,801,678	21,465,009	75,256,079
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						-0-
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						-0-
c Add lines 7a and 7b						-0-
8 Public support. (Subtract line 7c from line 6)						75,256,079

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
9 Amounts from line 6	6,627,647	11,398,647	14,963,098	20,801,678	21,465,009	75,256,079
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources	651	1,812	1,413	35,580	47,957	87,413
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b	651	1,812	1,413	35,580	47,957	87,413
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI)						
13 Total support. (Add lines 9, 10c, 11, and 12.)	6,628,298	11,400,459	14,964,511	20,837,258	21,512,966	75,343,492
14 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 ▶ <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2017 (line 8, column (f) divided by line 13, column (f))	15	99.88 %
16 Public support percentage from 2016 Schedule A, Part III, line 15	16	99.11 %

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2017 (line 10c, column (f) divided by line 13, column (f))	17	%
18 Investment income percentage from 2016 Schedule A, Part III, line 17	18	%

- 19a** 33¹/₃% support tests—2017. If the organization did not check the box on line 14, and line 15 is more than 33¹/₃%, and line 17 is not more than 33¹/₃%, check this box and stop here. The organization qualifies as a publicly supported organization ▶
- b** 33¹/₃% support tests—2016. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33¹/₃%, and line 18 is not more than 33¹/₃%, check this box and stop here. The organization qualifies as a publicly supported organization ▶
- 20 Private foundation.** If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶

Part IV Supporting Organizations

(Complete only if you checked a box in line 12 on Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 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 (b) and (c) 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 12a or 12b in Part I, answer (b) and (c) 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 (b) and (c) 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 or 990-EZ).		
8	Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).		
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 in 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 in 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 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 in (b) and (c) below, the governing body of a supported organization?	11a	
b	A family member of a person described in (a) above?	11b	
c	A 35% controlled entity of a person described in (a) or (b) above? If "Yes" to a, b, or c, provide detail in Part VI.	11c	

Section B. Type I Supporting Organizations

		Yes	No
1	Did the directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.	1	
2	Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised, or controlled the supporting organization.	2	

Section C. Type II Supporting Organizations

		Yes	No
1	Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).	1	

Section D. All Type III Supporting Organizations

		Yes	No
1	Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?	1	
2	Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).	2	
3	By reason of the relationship described in (2), did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.	3	

Section E. Type III Functionally Integrated Supporting Organizations

1	Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions)		
a	<input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.		
b	<input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.		
c	<input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions)		
2	Activities Test. Answer (a) and (b) below.		
a	Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.	2a	
b	Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.	2b	
3	Parent of Supported Organizations. Answer (a) and (b) 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? Provide details in Part VI.	3a	
b	Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.	3b	

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).			
a Average monthly value of securities	1a		
b Average monthly cash balances	1b		
c Fair market value of other non-exempt-use assets	1c		
d Total (add lines 1a, 1b, and 1c)	1d		
e Discount claimed for blockage or other factors (explain in detail in Part VI)			
2 Acquisition indebtedness applicable to non-exempt-use assets	2		
3 Subtract line 2 from line 1d	3		
4 Cash deemed held for exempt use Enter 1-1/2% 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 0.35	6		
7 Recoveries of prior-year distributions	7		
8 Minimum Asset Amount (add line 7 to line 6)	8		
Section C - Distributable Amount			Current Year
1 Adjusted net income for prior year (from Section A, line 8, Column A)	1		
2 Enter 85% of line 1	2		
3 Minimum asset amount for prior year (from Section B, line 8, Column A)	3		
4 Enter greater of line 2 or line 3	4		
5 Income tax imposed in prior year	5		
6 Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6		
7 <input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally integrated Type III supporting organization (see instructions).			

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

Section D - Distributions	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required)	
6 Other distributions (describe in Part VI) See instructions	
7 Total annual distributions. Add lines 1 through 6.	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI) See instructions	
9 Distributable amount for 2017 from Section C, line 6	
10 Line 8 amount divided by line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2017	(iii) Distributable Amount for 2017
1 Distributable amount for 2017 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2017 (reasonable cause required—explain in Part VI). See instructions.			
3 Excess distributions carryover, if any, to 2017			
a			
b From 2013			
c From 2014			
d From 2015			
e From 2016			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2017 distributable amount			
i Carryover from 2012 not applied (see instructions)			
j Remainder Subtract lines 3g, 3h, and 3i from 3f.			
4 Distributions for 2017 from Section D, line 7 \$			
a Applied to underdistributions of prior years			
b Applied to 2017 distributable amount			
c Remainder Subtract lines 4a and 4b from 4.			
5 Remaining underdistributions for years prior to 2017, if any Subtract lines 3g and 4a from line 2 For result greater than zero, explain in Part VI. See instructions			
6 Remaining underdistributions for 2017 Subtract lines 3h and 4b from line 1 For result greater than zero, explain in Part VI. See instructions			
7 Excess distributions carryover to 2018. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2013			
b Excess from 2014			
c Excess from 2015			
d Excess from 2016			
e Excess from 2017			

**SCHEDULE D
(Form 990)**

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

▶ 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.

OMB No 1545-0047

2017

Open to Public Inspection

Name of the organization

The SPHERE Institute

Employer identification number

91-1748201

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.

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate value of contributions to (during year)		
3 Aggregate value of grants from (during year)		
4 Aggregate value at end of year		
5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?		<input type="checkbox"/> Yes <input type="checkbox"/> No
6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?		<input type="checkbox"/> Yes <input type="checkbox"/> No

Part II Conservation Easements.

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

1 Purpose(s) of conservation easements held by the organization (check all that apply). <input type="checkbox"/> Preservation of land for public use (e.g., recreation or education) <input type="checkbox"/> Preservation of a historically important land area <input type="checkbox"/> Protection of natural habitat <input type="checkbox"/> Preservation of a certified historic structure <input type="checkbox"/> Preservation of open space	
2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year	
a Total number of conservation easements	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 7/25/06, and not on a historic structure listed in the National Register	2d
3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ▶	
4 Number of states where property subject to conservation easement is located ▶	
5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?	<input type="checkbox"/> Yes <input type="checkbox"/> No
6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶	
7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ \$	
8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.	

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items.	
b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items: (i) Revenue included on Form 990, Part VIII, line 1 ▶ \$ (ii) Assets included in Form 990, Part X ▶ \$	
2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items: a Revenue included on Form 990, Part VIII, line 1 ▶ \$ b Assets included in Form 990, Part X ▶ \$	

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 line 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				
e Other				
Total. Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10c.) ▶				

Part VII Investments – Other Securities.

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

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other		
(A) Convertible Debenture Put-Packaged Bond from WPP with coupon	5,250,000	Cost
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 12.) ▶	5,250,000	

Part VIII Investments – Program Related.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

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

Part IX Other Assets.

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

(a) Description	(b) Book value
(1) Security deposit	3,880
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 15.) ▶	3,880

Part X Other Liabilities.

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

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	-0-
(2) Payroll liabilities	1,271,037
(3) Credit card balance	1,549
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶	1,272,586

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

**SCHEDULE J
(Form 990)**

Department of the Treasury
Internal Revenue Service

Compensation Information

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.

OMB No 1545-0047

2017

Open to Public Inspection

The SPHERE Institute

Employer identification number

91-1748201

Part I Questions Regarding Compensation

	Yes	No								
<p>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.</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> First-class or charter travel</td> <td><input type="checkbox"/> Housing allowance or residence for personal use</td> </tr> <tr> <td><input type="checkbox"/> Travel for companions</td> <td><input type="checkbox"/> Payments for business use of personal residence</td> </tr> <tr> <td><input type="checkbox"/> Tax indemnification and gross-up payments</td> <td><input type="checkbox"/> Health or social club dues or initiation fees</td> </tr> <tr> <td><input type="checkbox"/> Discretionary spending account</td> <td><input type="checkbox"/> Personal services (such as, maid, chauffeur, chef)</td> </tr> </table>	<input type="checkbox"/> First-class or charter travel	<input type="checkbox"/> Housing allowance or residence for personal use	<input type="checkbox"/> Travel for companions	<input type="checkbox"/> Payments for business use of personal residence	<input type="checkbox"/> Tax indemnification 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 (such as, maid, chauffeur, chef)		
<input type="checkbox"/> First-class or charter travel	<input type="checkbox"/> Housing allowance or residence for personal use									
<input type="checkbox"/> Travel for companions	<input type="checkbox"/> Payments for business use of personal residence									
<input type="checkbox"/> Tax indemnification 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 (such as, maid, chauffeur, chef)									
<p>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</p>	1b									
<p>2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, and officers, including the CEO/Executive Director, regarding the items checked on line 1a?</p>	2									
<p>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</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Compensation committee</td> <td><input type="checkbox"/> Written employment contract</td> </tr> <tr> <td><input type="checkbox"/> Independent compensation consultant</td> <td><input type="checkbox"/> Compensation survey or study</td> </tr> <tr> <td><input type="checkbox"/> Form 990 of other organizations</td> <td><input type="checkbox"/> Approval by the board or compensation committee</td> </tr> </table>	<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				
<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									
<p>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</p>										
<p>a Receive a severance payment or change-of-control payment?</p>	4a									
<p>b Participate in, or receive payment from, a supplemental nonqualified retirement plan?</p>	4b									
<p>c Participate in, or receive payment from, an equity-based compensation arrangement?</p> <p>If "Yes" to any of lines 4a–c, list the persons and provide the applicable amounts for each item in Part III</p>	4c									
<p>Only section 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5–9.</p>										
<p>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:</p>										
<p>a The organization?</p>	5a									
<p>b Any related organization?</p> <p>If "Yes" on line 5a or 5b, describe in Part III.</p>	5b									
<p>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:</p>										
<p>a The organization?</p>	6a									
<p>b Any related organization?</p> <p>If "Yes" on line 6a or 6b, describe in Part III.</p>	6b									
<p>7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described on lines 5 and 6? If "Yes," describe in Part III.</p>	7									
<p>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.</p>	8									
<p>9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?</p>	9									

Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Use duplicate copies if additional space is needed

For each individual whose compensation must be reported on Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii). Do not list any individuals that aren't listed on Form 990, Part VII.

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

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1 Thomas E. MaCurdy, President	(i)	51,342	35,000	-0-	4,318	-0-	90,660	-0-
	(ii)	458,125	-0-	958,042	-0-	-0-	1,416,167	-0-
2 Jonathan Gibbs, Board Member	(i)	-0-	35,000	-0-	1,750	-0-	36,750	-0-
	(ii)	232,971	-0-	-0-	11,649	1,668	246,288	-0-
3 Gregory Boro, Program Director	(i)	191,658	35,000	-0-	10,328	7,581	244,567	-0-
	(ii)						-0-	-0-
4 Natalia Panikashvili, Project Dir	(i)	146,679	10,000	-0-	7,835	9,501	174,015	-0-
	(ii)						-0-	-0-
5 Dimitra Politi, Project Director	(i)	162,875	4,000	-0-	8,344	5,393	180,612	-0-
	(ii)						-0-	-0-
6	(i)							
	(ii)							
7	(i)							
	(ii)							
8	(i)							
	(ii)							
9	(i)							
	(ii)							
10	(i)							
	(ii)							
11	(i)							
	(ii)							
12	(i)							
	(ii)							
13	(i)							
	(ii)							
14	(i)							
	(ii)							
15	(i)							
	(ii)							
16	(i)							
	(ii)							

SCHEDULE L
(Form 990 or 990-EZ)

Transactions With Interested Persons

OMB No 1545-0047

Department of the Treasury
Internal Revenue Service

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 25a, 25b, 26, 27, 28a, 28b, or 28c, or Form 990-EZ, Part V, line 38a or 40b.**

▶ **Attach to Form 990 or Form 990-EZ.**

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

2017

Open To Public Inspection

Name of the organization

Employer identification number

The SPHERE Institute

91-1748201

Part I

Excess Benefit Transactions (section 501(c)(3), section 501(c)(4), and 501(c)(29) organizations only).

Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b, or Form 990-EZ, Part V, line 40b.

1	(a) Name of disqualified person	(b) Relationship between disqualified person and organization	(c) Description of transaction	(d) Corrected?	
				Yes	No
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					

2 Enter the amount of tax incurred by the organization managers or disqualified persons during the year under section 4958 ▶ \$ _____

3 Enter the amount of tax, if any, on line 2, above, reimbursed by the organization ▶ \$ _____

Part II

Loans to and/or From Interested Persons.

Complete if the organization answered "Yes" on Form 990-EZ, Part V, line 38a or Form 990, Part IV, line 26; or if the organization reported an amount on Form 990, Part X, line 5, 6, or 22.

(a) Name of interested person	(b) Relationship with organization	(c) Purpose of loan	(d) Loan to or from the organization?		(e) Original principal amount	(f) Balance due	(g) In default?		(h) Approved by board or committee?		(i) Written agreement?	
			To	From			Yes	No	Yes	No	Yes	No
(1)												
(2)												
(3)												
(4)												
(5)												
(6)												
(7)												
(8)												
(9)												
(10)												
Total						▶ \$ _____						

Part III

Grants or Assistance Benefiting Interested Persons.

Complete if the organization answered "Yes" on Form 990, Part IV, line 27

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of assistance	(d) Type of assistance	(e) Purpose of assistance
(1)				
(2)				
(3)				
(4)				
(5)				
(6)				
(7)				
(8)				
(9)				
(10)				

**SCHEDULE O
(Form 990 or 990-EZ)**

Department of the Treasury
Internal Revenue Service

Name of the organization

The SPHERE Institute

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

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**Open to Public
Inspection**

Employer identification number

91-1748201

Form 990, part VI, line 11b After the tax preparer completes form 990, it is reviewed and discussed by the President and financial staff, project directors, and account managers. Then it is reviewed by and discussed with the Chairman of the Board of Directors. Specific issues are discussed with and reviewed by members of the Board, as needed. The tax return after this vetting process is reported to the President and the Board for their approval and signature.

Form 990, part VI, line 15a: Per the founding charter and bylaws of the SPHERE Institute since its founding in 1996, compensation of the President is set by the Board of Directors each year. However, in the current case of the SPHERE Institute the current President receives \$0 compensation for his presidential and managerial duties and is compensated only for his contribution to the projects according to the FARC government rules and government contracts. His compensation is based on the hours he contributes to specific projects and the hourly rate commensurate with his professional experience and approved by the U.S. government agencies including the HHS, the CMS, and DCCA.

Form 990, part VI, line 15b The President determines compensation of project directors, research associates, key employees, etc. Their compensation is based on the number of hours contributed to projects and the hourly rates approved by various agencies of the U.S. government.

Form 990, part VI, line 19 The SPHERE Institute makes its governing documents, conflict of interest policy, and financial statements available to the public through several channels as follows: a) The government documents and the conflict of interest policy are attached to various reports and publications as routinely directed by the U.S. government agencies and California State agencies for which The SPHERE Institute conducts an array of public policy research projects. These documents and policy statements are also posted on the web site <http://sphereinstitute.org/publications.html>. b) The financial statements and the conflict of interest policy and governing documents are always submitted to federal, state, and local government agencies in the process of competitive applications for research projects with the submission of project proposals to which all of the above documentation is necessarily attached per protocol. c) The same procedure applies to project report submissions to various non-governmental organizations which follows general rules of the profession.

**SCHEDULE R
(Form 990)**

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37

▶ Attach to Form 990

▶ 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

The SPHERE Institute

Employer identification number

91-1748201

Part I Identification of Disregarded Entities Complete if the organization answered "Yes" on Form 990, Part IV, line 33

(a) Name address and EIN (if applicable) of disregarded entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Total income	(e) End-of year assets	(f) Direct controlling entity
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					

Part II Identification of Related Tax-Exempt Organizations. Complete if the organization answered "Yes" on Form 990, Part IV, line 34, because it had one or more related tax-exempt organizations during the tax year

(a) Name address and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled entity?	
						Yes	No
(1)							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							

Part III Identification of Related Organizations Taxable as a Partnership. Complete if the organization answered "Yes" on Form 990, Part IV, line 34, because it had one or more related organizations treated as a partnership during the tax year

(a) Name, address and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Predominant income (related unrelated, excluded from tax under sections 512-514)	(f) Share of total income	(g) Share of end-of- year assets	(h) Disproportionate allocations?		(i) Code V-UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
							Yes	No		Yes	No	
(1) Acumen, LLC, Burlingame, CA 94010, EIN 91-1748582	IT related services	CA	None	Unrelated	-0-	-0-		✓	-0-		✓	-0-
(2)												
(3)												
(4)												
(5)												
(6)												
(7)												

Part IV Identification of Related Organizations Taxable as a Corporation or Trust. Complete if the organization answered "Yes" on Form 990, Part IV, line 34, because it had one or more related organizations treated as a corporation or trust during the tax year

(a) Name, address and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end of year assets	(h) Percentage ownership	(i) Section 512(b)(13) controlled entity?	
								Yes	No
(1)									
(2)									
(3)									
(4)									
(5)									
(6)									
(7)									

Part V Transactions With Related Organizations. Complete if the organization answered "Yes" on Form 990, Part IV, line 34, 35b, or 36

Note. Complete line 1 if any entity is listed in Parts II, III, or IV of this schedule

1 During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?

- a Receipt of (i) interest, (ii) annuities, (iii) royalties, or (iv) rent from a controlled entity
- b Gift, grant, or capital contribution to related organization(s)
- c Gift, grant, or capital contribution from related organization(s)
- d Loans or loan guarantees to or for related organization(s)
- e Loans or loan guarantees by related organization(s)

- f Dividends from related organization(s)
- g Sale of assets to related organization(s)
- h Purchase of assets from related organization(s)
- i Exchange of assets with related organization(s)
- j Lease of facilities, equipment, or other assets to related organization(s)

- k Lease of facilities, equipment, or other assets from related organization(s)
- l Performance of services or membership or fundraising solicitations for related organization(s)
- m Performance of services or membership or fundraising solicitations by related organization(s)
- n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)
- o Sharing of paid employees with related organization(s)

- p Reimbursement paid to related organization(s) for expenses
- q Reimbursement paid by related organization(s) for expenses

- r Other transfer of cash or property to related organization(s)
- s Other transfer of cash or property from related organization(s)

	Yes	No
1a		✓
1b		✓
1c		✓
1d		✓
1e		✓
1f		✓
1g		✓
1h		✓
1i		✓
1j		✓
1k		✓
1l	✓	
1m	✓	
1n		✓
1o		✓
1p		✓
1q		✓
1r		✓
1s		✓

2 If the answer to any of the above is "Yes," see the instructions for information on who must complete this line, including covered relationships and transaction thresholds

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
(1) Acumen, LLC, EIN 91-1748582	l	21,465,009	Per books
(2) Acumen, LLC, EIN 91-1748582	m	4,359,699	Per books
(3)			
(4)			
(5)			
(6)			

Part VI Unrelated Organizations Taxable as a Partnership. Complete if the organization answered "Yes" on Form 990, Part IV, line 37

Provide the following information for each entity taxed as a partnership through which the organization conducted more than five percent of its activities (measured by total assets or gross revenue) that was not a related organization. See instructions regarding exclusion for certain investment partnerships.

(a) Name, address, and EIN of entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Predominant income (related, unrelated, excluded from tax under sections 512-514)	(e) Are all partners section 501(c)(3) organizations?		(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations?		(i) Code V—UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
				Yes	No			Yes	No		Yes	No	
(1)													
(2)													
(3)													
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
(13)													
(14)													
(15)													
(16)													

