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Form 990  Department of the Treasury Internal Revenue Service	Return of Organization Exempt From Income Tax Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except black lung benefit trust or private foundation) ▶ The organization may have to use a copy of this return to satisfy state reporting requirements	OMB No 1545-0047 2011 Open to Public Inspection
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A For the 2011 calendar year, or tax year beginning 01-01-2011 and ending 12-31-2011		
B Check if applicable <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization MEMPHIS BIOWORKS FOUNDATION Doing Business As Number and street (or P O box if mail is not delivered to street address) Room/suite 20 S DUDLEY STE 900 City or town, state or country, and ZIP + 4 MEMPHIS, TN 38103 F Name and address of principal officer STEVEN J BARES PHD 20 S DUDLEY STREET SUITE 900 MEMPHIS, TN 38103	D Employer identification number 62-1858660 E Telephone number (901) 866-1400 G Gross receipts \$ 13,875,060
	I Tax-exempt status <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () ◀(insert no) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527	H(a) Is this a group return for affiliates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	J Website: ▶ WWW.MEMPHISBIOWORKS.ORG	H(b) Are all affiliates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list (see instructions)
		H(c) Group exemption number ▶
	K Form of organization <input type="checkbox"/> Corporation <input type="checkbox"/> Trust <input checked="" type="checkbox"/> Association <input type="checkbox"/> Other ▶	
		M State of legal domicile TN

Part I		Summary	
Activities & Governance	1 Briefly describe the organization's mission or most significant activities THE FOUNDATION IS EXECUTING A STRATEGIC BUSINESS PLAN THAT LEVERAGES THE COMPETITIVE STRENGTHS WITHIN THE REGION WHILE EXPANDING THE INFRASTRUCTURE, EDUCATIONAL OPPORTUNITIES, AND ENTREPRENEUR SUPPORT NEEDED TO EXPAND BIOSCIENCE INDUSTRIES		
	2 Check this box <input checked="" type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets		
	3 Number of voting members of the governing body (Part VI, line 1a)	3	15
	4 Number of independent voting members of the governing body (Part VI, line 1b)	4	13
	5 Total number of individuals employed in calendar year 2011 (Part V, line 2a)	5	28
6 Total number of volunteers (estimate if necessary)	6	0	
7a Total unrelated business revenue from Part VIII, column (C), line 12	7a	35,266	
b Net unrelated business taxable income from Form 990-T, line 34	7b	-230,824	
Revenue	8 Contributions and grants (Part VIII, line 1h)	Prior Year	Current Year
	9 Program service revenue (Part VIII, line 2g)	4,446,985	12,022,131
	10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)	485,015	1,287,170
	11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	9,611	153,737
	12 Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	-70,029	-422,735
		4,871,582	13,040,303
Expenses	13 Grants and similar amounts paid (Part IX, column (A), lines 1–3)	728,201	1,662,733
	14 Benefits paid to or for members (Part IX, column (A), line 4)	0	0
	15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)	1,742,922	1,887,031
	16a Professional fundraising fees (Part IX, column (A), line 11e)	0	0
	b Total fundraising expenses (Part IX, column (D), line 25) <input checked="" type="checkbox"/> 180,148		
	17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)	1,304,729	1,643,979
	18 Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	3,775,852	5,193,743
	19 Revenue less expenses Subtract line 18 from line 12	1,095,730	7,846,560
Net Assets or Fund Balances		Beginning of Current Year	End of Year
	20 Total assets (Part X, line 16)	40,049,326	55,860,786
	21 Total liabilities (Part X, line 26)	1,184,514	9,168,729
	22 Net assets or fund balances Subtract line 21 from line 20	38,864,812	46,692,057

Part II Signature Block				
Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.				
Sign Here	***** Signature of officer			2012-10-04 Date
	STEVEN J BARES PHD PRESIDENT Type or print name and title			
Paid Preparer's Use Only	Preparer's signature ▶ FRANK P LAMANNA CPA	Date	Check if self-employed ▶ <input type="checkbox"/>	Preparer's taxpayer identification number (see instructions) P00300469
	Firm's name (or yours if self-employed), address, and ZIP + 4 ▶	JOSEPH DECOSIMO AND COMPANY PLLC 6750 POPLAR AVENUE SUITE 600 MEMPHIS, TN 38138		EIN ▶ 62-0852719
				Phone no ▶ (901) 683-8899
May the IRS discuss this return with the preparer shown above? (see instructions) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Part III

Statement of Program Service Accomplishments

Check if Schedule O contains a response to any question in this Part III ☐ ☒

1

Briefly describe the organization's mission

MEMPHIS BIOWORKS FOUNDATION AND SUBSIDIARIES WAS FORMED AS A PUBLIC FOUNDATION TO ESTABLISH THE MEMPHIS, TENNESSEE REGION AS AN INTERNATIONALLY RECOGNIZED CENTER FOR BIOMEDICAL AND BIOTECHNOLOGY RESEARCH THE FOUNDATION IS THE OUTGROWTH OF PLANS AND INITIATIVES COMMENCED BY THE CITY OF MEMPHIS AND SHELBY COUNTY TO ADDRESS CONCERNS REGARDING MEMPHIS' ABILITY TO ATTRACT AND RETAIN RESEARCH PHYSICIANS IN THE FIELDS OF BIOTECHNOLOGY AND BIOMEDICINE, AND THE DETERIORATION OF THE DOWNTOWN MEDICAL CENTER AREA THE FOUNDATION INTENDS TO ADDRESS THESE CONCERNS BY CREATING AN INCUBATOR RESEARCH PARK TO SUPPORT UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER ON PROPERTY DONATED TO THE FOUNDATION BY BAPTIST MEMORIAL HOSPITAL IN THE MEDICAL DISTRICT ADJACENT TO THE UTHSC CAMPUS THE FOUNDATION ALSO PLANS TO MAKE GRANTS TO UTHSC RESEARCH PHYSICIANS AND CREATE PROGRAMS TO PROVIDE INTERNSHIPS WITH INCUBATOR TENANTS TO STUDENTS INTERESTED IN SCIENCE

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 and section 4947(a)(1) trusts are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported

4a

(Code) (Expenses \$ 2,365,858 including grants of \$) (Revenue \$ 0)

LEAD ECONOMIC DEVELOPMENT PROGRAMS FOCUSED ON DEVELOPING INFRASTRUCTURE, EDUCATION/WORKFORCE, AND ENTREPRENEURSHIP IN THE LIFE SCIENCES AND INDUSTRIAL BIOSCIENCE AREAS (TOTAL PERSONS BENEFITED >5,000)

4b

(Code) (Expenses \$ 1,803,018 including grants of \$ 1,637,733) (Revenue \$ 1,056,698)

MANAGED DEPARTMENT OF LABOR GRANT FOCUSED ON TRAINING WORKERS (TOTAL PERSONS BENEFITED >200)

4c

(Code) (Expenses \$ 119,875 including grants of \$) (Revenue \$ 67,972)

DEVELOPED PLANS AND INITIATED STRATEGIES FOR NETWORKING OPPORTUNITIES FOR LIFE SCIENCE COMPANIES AND THEIR EMPLOYEES (TOTAL PERSONS BENEFITED >1,000)

(Code) (Expenses \$ 210,426 including grants of \$) (Revenue \$ 132,500)

MEMPHIS MEDICAL CENTER LEADERSHIP, NON PROFIT AND EARLY STAGE COMPANY ADMINISTRATIVE SUPPORT, GRANT TO SUPPORT PROMISING HEALTHCARE RESEARCH(TOTAL PERSONS BENEFITED >5,000)

4d

Other program services (Describe in Schedule O)



















(Expenses \$ 210,426 including grants of \$) (Revenue \$ 132,500)

4e

Total program service expenses \$ 4,499,177

Part IV

Checklist of Required Schedules

		Yes	No	
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? <i>If "Yes," complete Schedule A.</i> 	1	Yes	
2	Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> (see instructions)? 	2	Yes	
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I.</i> 	3		No
4	Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II.</i> 	4	Yes	
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? <i>If "Yes," complete Schedule C, Part III.</i> 	5		No
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I.</i> 	6		No
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas or historic structures? <i>If "Yes," complete Schedule D, Part II.</i> 	7		No
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III.</i> 	8		No
9	Did the organization report an amount in Part X, line 21, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV.</i> 	9		No
10	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V.</i> 	10		No
11	If the organization's answer to any of the following questions is 'Yes,' then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable			
a	Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI.</i> 	11a	Yes	
b	Did the organization report an amount for investments—other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII.</i> 	11b		No
c	Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII.</i> 	11c	Yes	
d	Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX.</i> 	11d		No
e	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X.</i> 	11e	Yes	
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X.</i> 	11f		No
12a	Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI, XII, and XIII.</i> 	12a		No
b	Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered 'No' to line 12a, then completing Schedule D, Parts XI, XII, and XIII is optional.</i> 	12b	Yes	
13	Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E.</i>	13		No
14a	Did the organization maintain an office, employees, or agents outside of the United States?	14a		No
b	Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? <i>If "Yes," complete Schedule F, Part I.</i>	14b		No
15	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the U S ? <i>If "Yes," complete Schedule F, Part II and IV.</i>	15		No
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the U S ? <i>If "Yes," complete Schedule F, Part III and IV.</i>	16		No
17	Did the organization report a total of more than \$15,000, of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I.</i>	17		No
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II.</i>	18		No
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III.</i>	19		No
20a	Did the organization operate one or more hospitals? <i>If "Yes," complete Schedule H.</i>	20a		No
b	If "Yes" to line 20a, did the organization attach its audited financial statement to this return? Note. All Form 990 filers that operated one or more hospitals must attach audited financial statements	20b		

Part IV

Checklist of Required Schedules (continued)

21	Did the organization report more than \$5,000 of grants and other assistance to governments and organizations in the United States on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	21	Yes	
22	Did the organization report more than \$5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	22		No
23	Did the organization answer "Yes" to Part VII, Section A, questions 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>	23	Yes	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer questions 24b–24d and complete Schedule K. If "No," go to line 25</i>	24a		No
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b		
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?	24c		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d		
25a	Section 501(c)(3) and 501(c)(4) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>	25a		No
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>	25b		No
26	Was a loan to or by a current or former officer, director, trustee, key employee, highly compensated employee, or disqualified person outstanding as of the end of the organization's tax year? <i>If "Yes," complete Schedule L, Part II</i>	26	Yes	
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor, or a grant selection committee member, or to a person related to such an individual? <i>If "Yes," complete Schedule L, Part III</i>	27		No
28	Was the organization a party to a business transaction with one of the following parties? (see 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>	28a		No
b	A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28b		No
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 owner? <i>If "Yes," complete Schedule L, Part IV</i>	28c		No
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29		No
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>	30		No
31	Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31		No
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>	32		No
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>	33		No
34	Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Parts II, III, IV, and V, line 1</i>	34	Yes	
35a	Is any related organization a controlled entity of the filing organization within the meaning of section 512(b)(13)?	35a	Yes	
b	Did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i>	35b	Yes	
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>	36		No
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>	37		No
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11 and 19? Note. All Form 990 filers are required to complete Schedule O	38	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance			
Check if Schedule O contains a response to any question in this Part V <input type="checkbox"/>			
		Yes	No
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable. .	1a	26
b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable.	1b	0
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c	Yes
2a	Enter the number of employees reported on Form W-3, <i>Transmittal of Wage and Tax Statements</i> filed for the calendar year ending with or within the year covered by this return.	2a	28
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions).	2b	Yes
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?	3a	Yes
b	If "Yes," has it filed a Form 990-T for this year? If "No," provide an explanation in Schedule O.	3b	Yes
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account or securities account)?	4a	No
b	If "Yes," enter the name of the foreign country: _____ See instructions for filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.		
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5a	No
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5b	No
c	If "Yes" to line 5a or 5b, did the organization file Form 8886-T?	5c	
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible?	6a	No
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b	
7	Organizations that may receive deductible contributions under section 170(c).		
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	7a	No
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b	
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c	No
d	If "Yes," indicate the number of Forms 8282 filed during the year.	7d	
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e	
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f	
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g	
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h	
8	Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations. Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year?	8	
9	Sponsoring organizations maintaining donor advised funds.		
a	Did the organization make any taxable distributions under section 4966?	9a	
b	Did the organization make a distribution to a donor, donor advisor, or related person?	9b	
10	Section 501(c)(7) organizations. Enter		
a	Initiation fees and capital contributions included on Part VIII, line 12.	10a	
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.	10b	
11	Section 501(c)(12) organizations. Enter		
a	Gross income from members or shareholders.	11a	
b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).	11b	
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?	12a	
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	12b	
13	Section 501(c)(29) qualified nonprofit health insurance issuers.		
a	Is the organization licensed to issue qualified health plans in more than one state? Note. All 501(c)(29) organizations must list in Schedule O each state in which they are licensed to issue qualified health plans, the amount of reserves required by each state, and the amount of reserves the organization allocated to each state.	13a	
b	Enter the aggregate amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans.	13b	
c	Enter the aggregate amount of reserves on hand.	13c	
14a	Did the organization receive any payments for indoor tanning services during the tax year?	14a	No
b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.	14b	

Part VI

Governance, Management, and Disclosure

For each "Yes" response to lines 2 through 7b below, and for a "No" response to lines 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.
Check if Schedule O contains a response to any question 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		
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?	2	Yes
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?	3	No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4	No
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5	No
6	Did the organization have members or stockholders?	6	No
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?	7a	Yes
7b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b	No
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following		
8a	The governing body?	8a	Yes
8b	Each committee with authority to act on behalf of the governing body?	8b	Yes
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	9	No

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?	10a	No
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?	10b	
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11a	Yes
11b	Describe in Schedule O the process, if any, used by the organization to review the Form 990		
12a	Did the organization have a written conflict of interest policy? If "No," go to line 13	12a	Yes
12b	Were officers, directors or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b	Yes
12c	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	12c	Yes
13	Did the organization have a written whistleblower policy?	13	No
14	Did the organization have a written document retention and destruction policy?	14	No
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	15a	Yes
15b	Other officers or key employees of the organization	15b	Yes
	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?	16a	Yes
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?	16b	Yes

Section C. Disclosure

17	List the States with which a copy of this Form 990 is required to be filed	TN
18	Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply. <input type="checkbox"/> Own website <input type="checkbox"/> Another's website <input checked="" type="checkbox"/> Upon request	
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. See Additional Data Table.	
20	State the name, physical address, and telephone number of the person who possesses the books and records of the organization.	BRANDON WELLFORD 20 S DUDLEY SUITE 900 MEMPHIS, TN 38103 (901) 866-1400

Part VII

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

Check if Schedule O contains a response to any question 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, and **current** key employees 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, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations

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 organizations compensated any current or former officer, director, or trustee

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(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) JR HYDE III CHAIRMAN	2 00	X		X				0	0	0
(2) JOHNNIE AMONETTE BOARD MEMBER	2 00	X						0	0	0
(3) CALVIN L ANDERSON BOARD MEMBER	2 00	X						0	0	0
(4) DR NEAL BECKFORD BOARD MEMBER	2 00	X						0	0	0
(5) LARRY PAPASAN BOARD MEMBER	2 00	X						0	0	0
(6) DR SHIRLEY RAINES BOARD MEMBER	2 00	X						0	0	0
(7) STEPHEN C REYNOLDS BOARD MEMBER	2 00	X						0	0	0
(8) DR KENNETH ROBINSON BOARD MEMBER	2 00	X						0	0	0
(9) GARY S SHORB BOARD MEMBER	2 00	X						0	0	0
(10) MONICE HAGLER MOORE BOARD MEMBER	2 00	X						0	0	0
(11) JOSEPH DIPIETRO PHD BOARD MEMBER	2 00	X						0	0	0
(12) KATHY BUCKMAN GIBSON BOARD MEMBER	2 00	X						0	0	0
(13) DR NATHAN L ESSEX BOARD MEMBER	2 00	X						0	0	0
(14) STEVE SCHWAB MD BOARD MEMBER	2 00	X						0	0	0
(15) S TERRY CANALE MD BOARD MEMBER	2 00	X						0	0	0
(16) REGINA WHITLEY VICE PRESIDENT - MARKETING	40 00			X				97,820	0	0
(17) STEVEN J BARES PRESIDENT/EXE DIRECTOR	40 00				X			316,390	143,061	9,800

Part VII

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

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(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			
(18) BRANDON WELLFORD CFO	40 00				X			189,419	68,135	5,023
(19) ELIZABETH FLANAGAN DIRECTOR - MEMPHIS MEDICAL CENTER	40 00					X		117,285	0	4,751
(20) RODNEY HOLMES DIRECTOR - MIDSOUTH EHEALTH ALLIANCE	40 00					X		150,000	0	6,000
(21) KEN WOODY PRESIDENT - INNOVA MEMPHIS, INC	40 00					X		414,643	0	0
(22) JOHANNES BOUTEN VICE PRESIDENT - INNOVA MEMPHIS, INC	40 00					X		199,445	0	3,255
1b Sub-Total										
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)								1,485,002	211,196	28,829

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▶6

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

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
SOUTHWEST TENNESSEE COMMUNITY COLLEGE 5983 MACON COVE MEMPHIS, TN 38134	DOL GRANT SUBCONTRACTOR	908,568
SEEDCO 20 N FRONT STREET SUITE 900 MEMPHIS, TN 38103	DOL GRANT SUBCONTRACTOR	163,387
INMAN CONSTRUCTION 88 UNION AVENUE SUITE 4 MEMPHIS, TN 38103	CONSTRUCTION	158,623
DYERSBURG STATE COMMUNITY COLLEGE 1510 LAKE ROAD DYERSBURG, TN 38024	DOL GRANT SUBCONTRACTOR	154,816
MID-SOUTH COMMUNITY COLLEGE 2000 W BROADWAY WEST MEMPHIS, AR 72301	DOL GRANT SUBCONTRACTOR	141,651
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 ▶5		

Part VIII

Statement of Revenue

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514	
Contributions, gifts, grants and other similar amounts	1a	Federated campaigns . . .	1a					
	b	Membership dues	1b	151,600				
	c	Fundraising events	1c	69,250				
	d	Related organizations	1d					
	e	Government grants (contributions)	1e	8,254,183				
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	3,547,098				
	g	Noncash contributions included in lines 1a-1f \$ _____						
	h	Total. Add lines 1a-1f		12,022,131				
Program Service Revenue			Business Code					
	2a	MISCELLANEOUS	900099	853,336	853,336			
	b	SERVICE FEES	900099	333,734	333,734			
	c	RELATED PARTY SUPPORT	541200	100,100	70,100	30,000		
	d							
	e							
	f	All other program service revenue						
	g	Total. Add lines 2a-2f		1,287,170				
Other Revenue	3	Investment income (including dividends, interest and other similar amounts)		153,737			153,737	
	4	Income from investment of tax-exempt bond proceeds . .						
	5	Royalties						
	6a		(i) Real	(ii) Personal				
		Gross rents	406,756					
		b Less rental expenses	834,757					
		c Rental income or (loss)	-428,001					
	d	Net rental income or (loss)		-428,001			-428,001	
	7a		(i) Securities	(ii) Other				
		Gross amount from sales of assets other than inventory						
		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 \$ 69,250 of contributions reported on line 1c) See Part IV, line 18	a	0				
	b	Less direct expenses	b	0				
	c	Net income or (loss) from fundraising events . .		0				
	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	OTHER INVESTMENT INCOM	541700	5,383		5,383			
b	RX DISTRIBUTION K-1	541700	-117		-117			
c								
d	All other revenue							
e	Total. Add lines 11a-11d		5,266					
12	Total revenue. See Instructions		13,040,303	1,257,170	35,266	-274,264		

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) but are not required to complete columns (B), (C), and (D)

Check if Schedule O contains a response to any question 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 governments and organizations in the United States See Part IV, line 21	1,662,733	1,662,733		
2	Grants and other assistance to individuals in the United States See Part IV, line 22				
3	Grants and other assistance to governments, organizations, and individuals outside the United States See Part IV, lines 15 and 16				
4	Benefits paid to or for members				
5	Compensation of current officers, directors, trustees, and key employees	505,809	354,066	101,162	50,581
6	Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7	Other salaries and wages	1,165,256	932,205	174,788	58,263
8	Pension plan contributions (include section 401(k) and section 403(b) employer contributions)	37,550	26,285	7,510	3,755
9	Other employee benefits	75,146	52,602	15,029	7,515
10	Payroll taxes	103,270	72,289	20,654	10,327
11	Fees for services (non-employees)				
a	Management				
b	Legal	68,996	62,096	6,900	
c	Accounting	19,908	17,917	1,991	
d	Lobbying	49,707			49,707
e	Professional fundraising See Part IV, line 17				
f	Investment management fees				
g	Other	465,424	465,424		
12	Advertising and promotion	82,192	73,973	8,219	
13	Office expenses	30,766	27,689	3,077	
14	Information technology	14,348	12,913	1,435	
15	Royalties				
16	Occupancy	92,000	82,800	9,200	
17	Travel	45,951	41,356	4,595	
18	Payments of travel or entertainment expenses for any federal, state, or local public officials				
19	Conferences, conventions, and meetings	59,511	59,511		
20	Interest	98,156		98,156	
21	Payments to affiliates				
22	Depreciation, depletion, and amortization	130,437	117,393	13,044	
23	Insurance	7,171	6,454	717	
24	Other expenses Itemize expenses not covered above (List miscellaneous expenses in line 24f If line 24f amount exceeds 10% of line 25, column (A) amount, list line 24f expenses on Schedule O)				
a	BAD DEBTS	248,383	223,545	24,838	
b	OTHER EXPENSES	63,477	57,129	6,348	
c	TELEPHONE	49,554	44,599	4,955	
d	MEALS & ENTERTAINMENT	35,192	31,673	3,519	
e					
f	All other expenses	82,806	74,525	8,281	
25	Total functional expenses. Add lines 1 through 24f	5,193,743	4,499,177	514,418	180,148
26	Joint costs. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720) Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation				

Part X

Balance Sheet

					(A)		(B)
					Beginning of year		End of year
Assets	1	Cash—non-interest-bearing			400	1	400
	2	Savings and temporary cash investments			3,439,305	2	3,495,409
	3	Pledges and grants receivable, net			1,319,736	3	1,497,630
	4	Accounts receivable, net			557,295	4	1,261,250
	5	Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L				5	
	6	Receivables from other disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B). Complete Part II of Schedule L				6	
	7	Notes and loans receivable, net			0	7	15,791,315
	8	Inventories for sale or use				8	
	9	Prepaid expenses and deferred charges			52,416	9	60,258
	10a	Land, buildings, and equipment, cost or other basis. Complete Part VI of Schedule D	10a	29,550,459			
	b	Less: accumulated depreciation	10b	1,364,614	30,213,043	10c	28,185,845
	11	Investments—publicly traded securities			339,608	11	325,678
	12	Investments—other securities. See Part IV, line 11			-5,320	12	-5,437
	13	Investments—program-related. See Part IV, line 11			4,114,543	13	5,148,285
	14	Intangible assets			0	14	71,098
	15	Other assets. See Part IV, line 11			18,300	15	29,055
	16	Total assets. Add lines 1 through 15 (must equal line 34)			40,049,326	16	55,860,786
Liabilities	17	Accounts payable and accrued expenses			766,781	17	1,443,716
	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	Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L			173,589	22	179,589
	23	Secured mortgages and notes payable to unrelated third parties				23	7,301,280
	24	Unsecured notes and loans payable to unrelated third parties				24	
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D			244,144	25	244,144
	26	Total liabilities. Add lines 17 through 25			1,184,514	26	9,168,729
Net Assets or Fund Balances	Organizations that follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.						
	27	Unrestricted net assets			36,893,656	27	44,369,166
	28	Temporarily restricted net assets			1,971,156	28	2,322,891
	29	Permanently restricted net assets				29	
	Organizations that do not follow SFAS 117, check here <input type="checkbox"/> and complete lines 30 through 34.						
	30	Capital stock or trust principal, or current funds				30	
	31	Paid-in or capital surplus, or land, building or equipment fund				31	
	32	Retained earnings, endowment, accumulated income, or other funds				32	
	33	Total net assets or fund balances			38,864,812	33	46,692,057
	34	Total liabilities and net assets/fund balances			40,049,326	34	55,860,786

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response to any question in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	13,040,303
2	Total expenses (must equal Part IX, column (A), line 25)	2	5,193,743
3	Revenue less expenses Subtract line 2 from line 1	3	7,846,560
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	38,864,812
5	Other changes in net assets or fund balances (explain in Schedule O)	5	-19,315
6	Net assets or fund balances at end of year Combine lines 3, 4, and 5 (must equal Part X, line 33, column (B))	6	46,692,057

Part XII Financial Statements and Reporting

Check if Schedule O contains a response to any question 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?		No
b	Were the organization's financial statements audited by an independent accountant?	Yes	
c	If "Yes," to 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O	Yes	
d	If "Yes" to line 2a or 2b, check a box below to indicate whether the financial statements for the year were issued on a separate basis, consolidated basis, or both <input type="checkbox"/> Separate basis <input checked="" type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separated basis		
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?	Yes	
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits	Yes	

SCHEDULE A

(Form 990 or 990EZ)

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. ▶ See separate instructions.

OMB No 1545-0047

2011

Open to Public
Inspection

Name of the organization MEMPHIS BIOWORKS FOUNDATION	Employer identification number 62-1858660
---	--

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 11, check only one box)

- 1

☐

A church, convention of churches, or association of churches **section 170(b)(1)(A)(i).**
- 2

☐

A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E)
- 3

☐

A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4

☐

A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state
- 5

☐

An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II)
- 6

☐

A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7

☒

An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 8

☐

A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 9

☐

An 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)
- 10

☐

An organization organized and operated exclusively to test for public safety Se**section 509(a)(4).**
- 11

☐

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 that describes the type of supporting organization and complete lines 11e through 11h

a

☐

Type I

b

☐

Type II

c

☐

Type III - Functionally integrated

d

☐

Type III - Other

e

☐

By checking this box, I certify that the organization is not controlled directly or indirectly by one or more disqualified persons other than foundation managers and other than one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2)

f

☐

If the organization received a written determination from the IRS that it is a Type I, Type II or Type III supporting organization, check this box

g

☐

Since August 17, 2006, has the organization accepted any gift or contribution from any of the following persons?

(i)

a person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the the supported organization?

(ii)

a family member of a person described in (i) above?

(iii)

a 35% controlled entity of a person described in (i) or (ii) above?

h

☐

Provide the following information about the supported organization(s)

	Yes	No
11g(i)		
11g(ii)		
11g(iii)		

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 9 above or IRC section (see instructions))	(iv) Is the organization in col (i) listed in your governing document?		(v) Did you notify the organization in col (i) of your support?		(vi) Is the organization in col (i) organized in the U S ?		(vii) Amount of support?
			Yes	No	Yes	No	Yes	No	
Total									

Part II

Support Schedule for Organizations Described in IRC 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) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")	2,066,242	9,242,939	7,582,097	4,446,985	11,674,492	35,012,755
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	2,066,242	9,242,939	7,582,097	4,446,985	11,674,492	35,012,755
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)						1,238,050
6 Public Support. Subtract line 5 from line 4						33,774,705

Section B. Total Support						
Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
7 Amounts from line 4	2,066,242	9,242,939	7,582,097	4,446,985	11,674,492	35,012,755
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	166,659	91,526	6,442	9,611	8,343	282,581
9 Net income from unrelated business activities, whether or not the business is regularly carried on	5,803		-5,577	3,210		3,436
10 Other income (Explain in Part IV) Do not include gain or loss from the sale of capital assets						
11 Total support (Add lines 7 through 10)						35,298,772
12 Gross receipts from related activities, etc (See instructions)					12	5,044,239
13 First Five Years If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and stop here						

Section C. Computation of Public Support Percentage		
14	Public Support Percentage for 2011 (line 6 column (f) divided by line 11 column (f))	14 95 680 %
15	Public Support Percentage for 2010 Schedule A, Part II, line 14	15 70 450 %
16a	33 1/3% support test—2011. 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—2010. If the organization did not check the 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—2011. 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 IV 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—2010. 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 IV 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 IIIPart III

Support Schedule for Organizations Described in IRC 509(a)(2)
(Complete only if you checked the box on line 9 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) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(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						
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						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
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						
c Add lines 7a and 7b						
8 Public Support (Subtract line 7c from line 6.)						

Section B. Total Support						
Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b						
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 IV.)						
13 Total support (Add lines 9, 10c, 11 and 12.)						
14 First Five Years If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and stop here						

Section C. Computation of Public Support Percentage		
15 Public Support Percentage for 2011 (line 8 column (f) divided by line 13 column (f))	15	
16 Public support percentage from 2010 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage		
17 Investment income percentage for 2011 (line 10c column (f) divided by line 13 column (f))	17	
18 Investment income percentage from 2010 Schedule A, Part III, line 17	18	
19a 33 1/3% support tests—2011. If the organization did not check the box on line 14, and line 15 is more than 33 1/3% and line 17 is not more than 33 1/3%, check this box and stop here . The organization qualifies as a publicly supported organization		
b 33 1/3% support tests—2010. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and stop here . The organization qualifies as a publicly supported organization		
20 Private Foundation If the organization did not check a box on line 14, 19a or 19b, check this box and see instructions		

Part IV **Supplemental Information.** Supplemental Information. Complete this part to provide the explanation required by Part II, line 10; Part II, line 17a or 17b; or Part III, line 12. Also complete this part for any additional information. (See instructions).

Facts And Circumstances Test

Explanation

SCHEDULE C

(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Political Campaign and Lobbying Activities

For Organizations Exempt From Income Tax Under section 501(c) and section 527

▶ **Complete if the organization is described below.**

▶ **Attach to Form 990 or Form 990-EZ.** ▶ **See separate instructions.**

OMB No 1545-0047

2011

Open to Public
Inspection

If the organization answered “Yes,” to Form 990, Part IV, Line 3, or Form 990-EZ, Part V, line 46 (Political Campaign Activities), then

- Section 501(c)(3) organizations Complete Parts I-A and B Do not complete Part I-C
- Section 501(c) (other than section 501(c)(3)) organizations Complete Parts I-A and C below Do not complete Part I-B
- Section 527 organizations Complete Part I-A only

If the organization answered “Yes,” to Form 990, Part IV, Line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then

- Section 501(c)(3) organizations that have filed Form 5768 (election under section 501(h)) Complete Part II-A Do not complete Part II-B
- Section 501(c)(3) organizations that have NOT filed Form 5768 (election under section 501(h)) Complete Part II-B Do not complete Part II-A

If the organization answered “Yes,” to Form 990, Part IV, Line 5 (Proxy Tax) or Form 990-EZ, line 35c (Proxy Tax), then

- Section 501(c)(4), (5), or (6) organizations Complete Part III

Name of the organization MEMPHIS BIOWORKS FOUNDATION	Employer identification number 62-1858660
---	--

Part I-A

Complete if the organization is exempt under section 501(c) or is a section 527 organization.

- 1
- Provide a description of the organization's direct and indirect political campaign activities on behalf of or in opposition to candidates for public office in Part IV
- 2
- Political expenditures ▶ \$
- 3
- Volunteer hours

Part I-B

Complete if the organization is exempt under section 501(c)(3).

- 1
- Enter the amount of any excise tax incurred by the organization under section 4955 ▶ \$
- 2
- Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$
- 3
- If the organization incurred a section 4955 tax, did it file Form 4720 for this year? ☐ Yes ☐ No
- 4a
- Was a correction made? ☐ Yes ☐ No
- b
- If "Yes," describe in Part IV

Part I-C

Complete if the organization is exempt under section 501(c) except section 501(c)(3).

- 1
- Enter the amount directly expended by the filing organization for section 527 exempt function activities ▶ \$
- 2
- Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt funtion activities ▶ \$
- 3
- Total exempt function expenditures Add lines 1 and 2 Enter here and on Form 1120-POL, line 17b ▶ \$
- 4
- Did the filing organization file **Form 1120-POL** for this year? ☐ Yes ☐ No
- 5
- Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments For each organization listed, enter the amount paid from the filing organization's funds Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC) If additional space is needed, provide information in Part IV

(a) Name	(b) Address	(c) EIN	(d) Amount paid from filing organization's funds If none, enter -0-	(e) Amount of political contributions received and promptly and directly delivered to a separate political organization If none, enter -0-

Part II-A

Complete if the organization is exempt under section 501(c)(3) and filed Form 5768 (election under section 501(h)).

- A

Check

☐

if the filing organization belongs to an affiliated group (and list in Part IV each affiliated group member's name, address, EIN, expenses, and share of excess lobbying expenditures)
- B

Check

☐

if the filing organization checked box A and "limited control" provisions apply

Limits on Lobbying Expenditures (The term "expenditures" means amounts paid or incurred.)		(a) Filing Organization's Totals	(b) Affiliated Group Totals												
1a Total lobbying expenditures to influence public opinion (grass roots lobbying)															
b Total lobbying expenditures to influence a legislative body (direct lobbying)		49,707													
c Total lobbying expenditures (add lines 1a and 1b)		49,707													
d Other exempt purpose expenditures		5,144,036													
e Total exempt purpose expenditures (add lines 1c and 1d)		5,193,743													
f Lobbying nontaxable amount Enter the amount from the following table in both columns		409,687													
<table><tr><td>If the amount on line 1e, column (a) or (b) is:</td><td>The lobbying nontaxable amount is:</td></tr><tr><td>Not over \$500,000</td><td>20% of the amount on line 1e</td></tr><tr><td>Over \$500,000 but not over \$1,000,000</td><td>\$100,000 plus 15% of the excess over \$500,000</td></tr><tr><td>Over \$1,000,000 but not over \$1,500,000</td><td>\$175,000 plus 10% of the excess over \$1,000,000</td></tr><tr><td>Over \$1,500,000 but not over \$17,000,000</td><td>\$225,000 plus 5% of the excess over \$1,500,000</td></tr><tr><td>Over \$17,000,000</td><td>\$1,000,000</td></tr></table>		If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:	Not over \$500,000	20% of the amount on line 1e	Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000	Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000	Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000	Over \$17,000,000	\$1,000,000		
If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:														
Not over \$500,000	20% of the amount on line 1e														
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000														
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000														
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000														
Over \$17,000,000	\$1,000,000														
g Grassroots nontaxable amount (enter 25% of line 1f)		102,422													
h Subtract line 1g from line 1a If zero or less, enter -0-		0													
i Subtract line 1f from line 1c If zero or less, enter -0-		0													
j If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?		<input type="checkbox"/> Yes <input type="checkbox"/> No													

4-Year Averaging Period Under Section 501(h)
(Some organizations that made a section 501(h) election do not have to complete all of the five columns below. See the instructions for lines 2a through 2f on page 4.)

Lobbying Expenditures During 4-Year Averaging Period					
Calendar year (or fiscal year beginning in)	(a) 2008	(b) 2009	(c) 2010	(d) 2011	(e) Total
2a Lobbying non-taxable amount	329,342	332,489	308,520	409,687	1,380,038
b Lobbying ceiling amount (150% of line 2a, column(e))					2,070,057
c Total lobbying expenditures	50,302	50,375	50,346	49,707	200,730
d Grassroots non-taxable amount	79,030	83,122	77,130	102,422	341,704
e Grassroots ceiling amount (150% of line 2d, column (e))					512,556
f Grassroots lobbying expenditures					

Part II-B

Complete if the organization is exempt under section 501(c)(3) and has NOT filed Form 5768 (election under section 501(h)).

		(a)		(b)
		Yes	No	Amount
1	During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of			
a	Volunteers?			
b	Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?			
c	Media advertisements?			
d	Mailings to members, legislators, or the public?			
e	Publications, or published or broadcast statements?			
f	Grants to other organizations for lobbying purposes?			
g	Direct contact with legislators, their staffs, government officials, or a legislative body?			
h	Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?			
i	Other activities? If "Yes," describe in Part IV			
j	Total lines 1c through 1i			
2a	Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?			
b	If "Yes," enter the amount of any tax incurred under section 4912			
c	If "Yes," enter the amount of any tax incurred by organization managers under section 4912			
d	If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?			

Part III-A

Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6).

			Yes	No
1	Were substantially all (90% or more) dues received nondeductible by members?	1		
2	Did the organization make only in-house lobbying expenditures of \$2,000 or less?	2		
3	Did the organization agree to carryover lobbying and political expenditures from the prior year?	3		

Part III-B

Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6) if BOTH Part III-A, lines 1 and 2 are answered "No" OR if Part III-A, line 3 is answered "Yes".

1	Dues, assessments and similar amounts from members	1	
2	Section 162(e) non-deductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid).	2a	
a	Current year		
b	Carryover from last year		
c	Total		
3	Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues	3	
4	If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year?	4	
5	Taxable amount of lobbying and political expenditures (see instructions)	5	

Part IV

Supplemental Information

Complete this part to provide the descriptions required for Part I-A, line 1, Part I-B, line 4, Part I-C, line 5, and Part II-B, line 1i. Also, complete this part for any additional information.

Identifier	Return Reference	Explanation
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SCHEDULE D
(Form 990)

Supplemental Financial Statements

Department of the Treasury
Internal Revenue Service

OMB No 1545-0047

2011

Open to Public Inspection

Complete if the organization answered "Yes," to Form 990, Part IV, line 6, 7, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b

Attach to Form 990. See separate instructions.

Name of the organization
MEMPHIS BOWWORKS FOUNDATION

Employer identification number
62-1858660

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" to Form 990, Part IV, line 6.

	(a) Donor advised funds	(b) Funds and other accounts
1	Total number at end of year	
2	Aggregate contributions to (during year)	
3	Aggregate 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?	
	<div>Yes</div> <div>No</div>	
6	Did the organization inform all grantees, donors, and donor advisors in writing that grant funds may 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	
	<div>Yes</div> <div>No</div>	

Part II Conservation Easements. Complete if the organization answered "Yes" to Form 990, Part IV, line 7.

1

Purpose(s) of conservation easements held by the organization (check all that apply)

☐ Preservation of land for public use (e g , recreation or pleasure)

☐ Preservation of an historically importantly land area

☐ Protection of natural habitat

☐ Preservation of a certified historic structure

☐ Preservation of open space

2

Complete lines 2a–2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year

	Held at the End of the Year
a	Total number of conservation easements
b	Total acreage restricted by conservation easements
c	Number of conservation easements on a certified historic structure included in (a)
d	Number of conservation easements included in (c) acquired after 8/17/06

3

Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the taxable 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?

Yes

No

6

Staff and volunteer hours devoted to monitoring, inspecting and enforcing conservation easements during the year

7

Amount of expenses incurred in monitoring, inspecting, 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 170(h)(4)(B)(ii)?

Yes

No

9

In Part XIV, 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" to Form 990, Part IV, line 8.

1a

If the organization elected, as permitted under SFAS 116, 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 XIV, the text of the footnote to its financial statements that describes these items

b

If the organization elected, as permitted under SFAS 116, 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)

Revenues included in 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 relating to these items

a

Revenues included in 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 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 XIV

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" to 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 XIV and complete the following table

	Amount
1c	
1d	
1e	
1f	

2a

Did the organization include an amount on Form 990, Part X, line 21?

☒ Yes

☐ No

b

If "Yes," explain the arrangement in Part XIV

Part V

Endowment Funds. Complete if the organization answered "Yes" to 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	Investment earnings or 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 year end balance held as

a

Board designated or quasi-endowment ▶

b

Permanent endowment ▶

c

Term endowment ▶

3a

Are there endowment funds not in the possession of the organization that are held and administered for the organization by

	Yes	No
(i) unrelated organizations	3a(i)	
(ii) related organizations	3a(ii)	
b If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R?	3b	

4

Describe in Part XIV the intended uses of the organization's endowment funds

Part VI

Land, Buildings, and Equipment. 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		13,720,475		13,720,475
b Buildings		14,928,648	932,546	13,996,102
c Leasehold improvements				
d Equipment		901,336	432,068	469,268
e Other				
Total. Add lines 1a-1e (Column (d) should equal Form 990, Part X, column (B), line 10(c).) ▶				28,185,845

Part XI

Reconciliation of Change in Net Assets from Form 990 to Financial Statements

1	Total revenue (Form 990, Part VIII, column (A), line 12)	1	
2	Total expenses (Form 990, Part IX, column (A), line 25)	2	
3	Excess or (deficit) for the year Subtract line 2 from line 1	3	
4	Net unrealized gains (losses) on investments	4	
5	Donated services and use of facilities	5	
6	Investment expenses	6	
7	Prior period adjustments	7	
8	Other (Describe in Part XIV)	8	
9	Total adjustments (net) Add lines 4 - 8	9	
10	Excess or (deficit) for the year per financial statements Combine lines 3 and 9	10	

Part XII

Reconciliation of Revenue per Audited Financial Statements With Revenue per Return

1	Total revenue, gains, and other support per audited financial statements	1	
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
a	Net unrealized gains on investments	2a	
b	Donated services and use of facilities	2b	
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIV)	2d	
e	Add lines 2a through 2d	2e	
3	Subtract line 2e from line 1	3	
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	
b	Other (Describe in Part XIV)	4b	
c	Add lines 4a and 4b	4c	
5	Total Revenue Add lines 3 and 4c. (This should equal Form 990, Part I, line 12)	5	

Part XIII

Reconciliation of Expenses per Audited Financial Statements With Expenses per Return

1	Total expenses and losses per audited financial statements	1	
2	Amounts included on line 1 but not on Form 990, Part IX, line 25		
a	Donated services and use of facilities	2a	
b	Prior year adjustments	2b	
c	Other losses	2c	
d	Other (Describe in Part XIV)	2d	
e	Add lines 2a through 2d	2e	
3	Subtract line 2e from line 1	3	
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	
b	Other (Describe in Part XIV)	4b	
c	Add lines 4a and 4b	4c	
5	Total expenses Add lines 3 and 4c. (This should equal Form 990, Part I, line 18)	5	

Part XIV

Supplemental Information

Complete this part to provide the descriptions required for Part II, lines 3, 5, and 9, Part III, lines 1a and 4, Part IV, lines 1b and 2b, Part V, line 4, Part X, Part XI, line 8, Part XII, lines 2d and 4b, and Part XIII, lines 2d and 4b. Also complete this part to provide any additional information.

Identifier	Return Reference	Explanation
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SCHEDULE G
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information Regarding
Fundraising or Gaming Activities

Complete if the organization answered "Yes" to Form 990, Part IV, lines 17, 18, or 19,
or if the organization entered more than \$15,000 on Form 990-EZ, line 6a.
▶ Attach to Form 990 or Form 990-EZ. ▶ See separate instructions.

OMB No 1545-0047

2011

Open to Public
Inspection

Name of the organization
MEMPHIS BIOWORKS FOUNDATION

Employer identification number
62-1858660

Part I Fundraising Activities. Complete if the organization answered "Yes" to Form 990, Part IV, line 17.

1

Indicate whether the organization raised funds through any of the following activities. Check all that apply.

a

☐ Mail solicitations

b

☐ Internet and e-mail solicitations

c

☐ Phone solicitations

d

☐ In-person solicitations

e

☐ Solicitation of non-government grants

f

☐ Solicitation of government grants

g

☐ Special fundraising events

2a

Did the organization have a written or oral agreement with any individual (including officers, directors, trustees or key employees listed in Form 990, Part VII) or entity in connection with professional fundraising services?

☐ Yes ☐ No

b

If "Yes," list the ten highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least \$5,000 by the organization. Form 990-EZ filers are not required to complete this table.

(i) Name and address of individual or entity (fundraiser)	(ii) Activity	(iii) Did fundraiser have custody or control of contributions?		(iv) Gross receipts from activity	(v) Amount paid to (or retained by) fundraiser listed in col (i)	(vi) Amount paid to (or retained by) organization
		Yes	No			
Total ▶						

3

List all states in which the organization is registered or licensed to solicit funds or has been notified it is exempt from registration or licensing.

Part II Fundraising Events. Complete if the organization answered "Yes" to Form 990, Part IV, line 18, or reported more than \$15,000 on Form 990-EZ, line 6a. List events with gross receipts greater than \$5,000.

		(a) Event #1	(b) Event #2	(c) Other Events	(d) Total Events
		MNVC SPONSORSHIP (event type)	(event type)	(total number)	(Add col (a) through col (c))
Revenue	1	Gross receipts	69,250		69,250
	2	Less Charitable contributions	69,250		69,250
	3	Gross income (line 1 minus line 2)			
Direct Expenses	4	Cash prizes			
	5	Non-cash prizes			
	6	Rent/facility costs			
	7	Food and beverages			
	8	Entertainment			
	9	Other direct expenses			
	10	Direct expense summary Add lines 4 through 9 in column (d) ▶			
	11	Net income summary Combine lines 3 and 10 in column (d). ▶			

Part III Gaming. Complete if the organization answered "Yes" to Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a.

		(a) Bingo	(b) Pull tabs/Instant bingo/progressive bingo	(c) Other gaming	(d) Total gaming
					(Add col (a) through col (c))
Revenue	1	Gross revenue			
	2	Cash prizes			
Direct Expenses	3	Non-cash prizes			
	4	Rent/facility costs			
	5	Other direct expenses			
	6	Volunteer labor <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	7	Direct expense summary Add lines 2 through 5 in column (d) ▶			
	8	Net gaming income summary Combine lines 1 and 7 in column (d) ▶			

9 Enter the state(s) in which the organization operates gaming activities _____

a Is the organization licensed to operate gaming activities in each of these states? ☐ Yes ☐ No

b If "No," Explain _____

10a Were any of the organization's gaming licenses revoked, suspended or terminated during the tax year? ☐ Yes ☐ No

b If "Yes," Explain _____

- 11

Does the organization operate gaming activities with nonmembers?

☐ Yes ☐ No
- 12

Is the organization a grantor, beneficiary or trustee of a trust or a member of a partnership or other entity formed to administer charitable gaming?

☐ Yes ☐ No

13

Indicate the percentage of gaming activity operated in

a	The organization's facility	13a
b	An outside facility	13b

14

Provide the name and address of the person who prepares the organization's gaming/special events books and records

Name

Address

15a

Does the organization have a contract with a third party from whom the organization receives gaming revenue?

☐ Yes ☐ No

b

If "Yes," enter the amount of gaming revenue received by the organization \$ and the amount of gaming revenue retained by the third party \$

c

If "Yes," enter name and address

Name

Address

16

Gaming manager information

Name

Gaming manager compensation \$

Description of services provided

☐ Director/officer

☐ Employee

☐ Independent contractor

17

Mandatory distributions

a

Is the organization required under state law to make charitable distributions from the gaming proceeds to retain the state gaming license?

☐ Yes ☐ No

b

Enter the amount of distributions required under state law distributed to other exempt organizations or spent in the organization's own exempt activities during the tax year \$

Part IV

Complete this part to provide additional information for responses to question on Schedule G (see instructions.)

Identifier	ReturnReference	Explanation
------------	-----------------	-------------

Name of the organization
MEMPHIS BIOWORKS FOUNDATION

Employer identification number
62-1858660

Part I General Information on Grants and Assistance

- 1

Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance?

☒ Yes ☐ No
- 2

Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States

Part II Grants and Other Assistance to Governments and Organizations in the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 21 for any recipient that received more than \$5,000. Check this box if no one recipient received more than \$5,000. Use Part IV and Schedule I-1 (Form 990) if additional space is needed ☐

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
(1) MEMPHIS ACADEMY OF SCIENCE AND ENGINEERING20 S DUDLEY STREET SUITE 100 MEMPHIS,TN 38103	72-1552646	501(C)(3)	25,000				CONTRIBUTION
(2) DYERSBURG STATE COMMUNITY COLLEGE 1510 LAKE ROAD DYERSBURG,TN 38024	62-0800930	501(C)(3)	155,652				FLOW THROUGH DOL GRANT
(3) JACKSON STATE COMMUNITY COLLEGE 2046 NORTH PARKWAY JACKSON,TN 38301	62-0762815	501(C)(3)	65,745				FLOW THROUGH DOL GRANT
(4) MID-SOUTH COMMUNITY COLLEGE 2000 W BROADWAY WEST MEMPHIS,AR 72301	71-0533838	501(C)(3)	133,357				FLOW THROUGH DOL GRANT
(5) SOUTHWEST TN COMMUNITY COLLEGE 5983 MACON COVE MEMPHIS,TN 38134	62-1105769	501(C)(3)	1,048,292				FLOW THROUGH DOL GRANT
(6)	62-0451331						FLOW THROUGH TDDC GRANT
(7) NATIONAL ELECTRICAL CONTRACTORS ASSN284 GERMAN OAK DR SUITE 101 CORDOVA,TN 38018		501(C)(3)	60,500				FLOW THROUGH DOL GRANT
(8) LAB FOUR CAREER TRAINING INSTITUTE 6154 MACON ROAD MEMPHIS,TN 38134	13-2875743		2,213				FLOW THROUGH DOL GRANT
(9) SEEDCO20 N FRONT ST SUITE 900 MEMPHIS,TN 38103		501(C)(3)	171,974				FLOW THROUGH DOL GRANT

- 2

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

▶
- 3

Enter total number of other organizations listed in the line 1 table

▶

Part III

Grants and Other Assistance to Individuals in the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 22.
Use Schedule I-1 (Form 990) if additional space is needed.

(a)Type of grant or assistance	(b)Number of recipients	(c)Amount of cash grant	(d)Amount of non-cash assistance	(e)Method of valuation (book, FMV, appraisal, other)	(f)Description of non-cash assistance

Part IV

Supplemental Information. Complete this part to provide the information required in Part I, line 2, and any other additional information.

Identifier	Return Reference	Explanation
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Software ID:
Software Version:
EIN: 62-1858660
Name: MEMPHIS BOWWORKS FOUNDATION

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
MEMPHIS ACADEMY OF SCIENCE AND ENGINEERING20 S DUDLEY STREET SUITE 100 MEMPHIS, TN 38103	72-1552646	501(C)(3)	25,000				CONTRIBUTION
DYERSBURG STATE COMMUNITY COLLEGE1510 LAKE ROAD DYERSBURG, TN 38024	62-0800930	501(C)(3)	155,652				FLOW THROUGH DOL GRANT

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
JACKSON STATE COMMUNITY COLLEGE2046 NORTH PARKWAY JACKSON, TN 38301	62-0762815	501(C)(3)	65,745				FLOW THROUGH DOL GRANT
MID-SOUTH COMMUNITY COLLEGE2000 W BROADWAY WEST MEMPHIS, AR 72301	71-0533838	501(C)(3)	133,357				FLOW THROUGH DOL GRANT

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
SOUTHWEST TN COMMUNITY COLLEGE5983 MACON COVE MEMPHIS,TN 38134	62-1105769	501(C)(3)	1,048,292				FLOW THROUGH DOL GRANT
							FLOW THROUGH TDDC GRANT

Form 990, Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
NATIONAL ELECTRICAL CONTRACTORS ASSN284 GERMAN OAK DR SUITE 101 CORDOVA, TN 38018	62-0451331	501(C)(3)	60,500				FLOW THROUGH DOL GRANT
LAB FOUR CAREER TRAINING INSTITUTE6154 MACON ROAD MEMPHIS, TN 38134			2,213				FLOW THROUGH DOL GRANT

Form 990,Schedule I, Part II, Grants and Other Assistance to Governments and Organizations in the United States

(a) Name and address of organization or government	(b) EIN	(c) IRC Code section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
SEEDCO 20 N FRONT ST SUITE 900 MEMPHIS,TN 38103	13-2875743	501(C)(3)	171,974				FLOW THROUGH DOL GRANT

Schedule J
(Form 990)

Compensation Information

OMB No 1545-0047

2011

Open to Public Inspection

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

▶ Complete if the organization answered "Yes" to Form 990, Part IV, question 23.

▶ Attach to Form 990. ▶ See separate instructions.

Name of the organization
MEMPHIS BIOWORKS FOUNDATION

Employer identification number

62-1858660

Part I

Questions Regarding Compensation

		Yes	No
1a	Check the appropriate box(es) if the organization provided any of the following to or for a person listed in Form 990, Part VII, Section A, line 1a Complete Part III to provide any relevant information regarding these items		
	<div><div><input type="checkbox"/> First-class or charter travel</div><div><input type="checkbox"/> Housing allowance or residence for personal use</div><div><input type="checkbox"/> Travel for companions</div><div><input type="checkbox"/> Payments for business use of personal residence</div><div><input type="checkbox"/> Tax idemnification and gross-up payments</div><div><input type="checkbox"/> Health or social club dues or initiation fees</div><div><input type="checkbox"/> Discretionary spending account</div><div><input type="checkbox"/> Personal services (e g , maid, chauffeur, chef)</div></div>		
b	If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all the expenses described above? If "No," complete Part III to explain	1b	
2	Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all officers, directors, trustees, and the CEO/Executive Director, regarding the items checked in line 1a?	2	Yes
3	Indicate which, if any, of the following the organization uses to establish the compensation of the organization's CEO/Executive Director Check all that apply		
	<div><div><input type="checkbox"/> Compensation committee</div><div><input type="checkbox"/> Written employment contract</div><div><input type="checkbox"/> Independent compensation consultant</div><div><input type="checkbox"/> Compensation survey or study</div><div><input type="checkbox"/> Form 990 of other organizations</div><div><input checked="" type="checkbox"/> Approval by the board or compensation committee</div></div>		
4	During the year, did any person listed in Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization		
a	Receive a severance payment or change-of-control payment?	4a	No
b	Participate in, or receive payment from, a supplemental nonqualified retirement plan?	4b	No
c	Participate in, or receive payment from, an equity-based compensation arrangement?	4c	No
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III		
	Only 501(c)(3) and 501(c)(4) organizations only must complete lines 5-9.		
5	For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of		
a	The organization?	5a	No
b	Any related organization?	5b	No
	If "Yes," to line 5a or 5b, describe in Part III		
6	For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of		
a	The organization?	6a	No
b	Any related organization?	6b	No
	If "Yes," to line 6a or 6b, describe in Part III		
7	For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III	7	No
8	Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regs section 53 4958-4(a)(3)? If "Yes," describe in Part III	8	No
9	If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53 4958-6(c)?	9	

Part II **Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees.** Use Schedule J-1 if additional space needed.

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

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

(A) Name		(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 reported in prior Form 990 or Form 990-EZ
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
(1) STEVEN J BARES	(i)	316,390	0	0	0	7,670	324,060	327,415
	(ii)	50,000	93,061	0	0	0	143,061	0
(2) BRANDON WELLFORD	(i)	136,919	52,500	0	0	10,803	200,222	173,104
	(ii)	20,000	48,135	0	0	0	68,135	0
(3) RODNEY HOLMES	(i)	150,000	0	0	0	24	150,024	0
	(ii)	0	0	0	0	0	0	0
(4) KEN WOODY	(i)	315,164	99,479	0	0	10,512	425,155	0
	(ii)	0	0	0	0	0	0	0
(5) JOHANNES BOUTEN	(i)	158,400	41,045	0	0	0	199,445	0
	(ii)	0	0	0	0	0	0	0

Part III **Supplemental Information**

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

Identifier	Return Reference	Explanation
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Schedule L
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Transactions with Interested Persons

► Complete if the organization answered
"Yes" on Form 990, Part IV, lines 25a, 25b, 26, 27, 28a, 28b, or 28c,
or Form 990-EZ, Part V lines 38a or 40b.
► Attach to Form 990 or Form 990-EZ. ► See separate instructions.

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization MEMPHIS BIOWORKS FOUNDATION	Employer identification number 62-1858660
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Part I Excess Benefit Transactions (section 501(c)(3) and section 501 (c)(4) 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) Description of transaction	(c) Corrected?	
			Yes	No

2 Enter the amount of tax imposed on 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, Part IV, line 26, or Form 990-EZ, Part V, line 38a

(a) Name of interested person and purpose	(b) Loan to or from the organization?		(c)Original principal amount	(d)Balance due	(e) In default?		(f) Approved by board or committee?		(g)Written agreement?	
	To	From			Yes	No	Yes	No	Yes	No
(1) BAPTIST MEMORIAL HOSPITAL										
REAL ESTATE PURCHASE	X		150,000	179,589		No	Yes		Yes	
Total ► \$ 179,589										

Part III Grants or Assistance Benefitting 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 grant or type of assistance

Part IV

Business Transactions Involving Interested Persons.
Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of transaction	(d) Description of transaction	(e) Sharing of organization's revenues?	
				Yes	No

Part V

Supplemental Information
Complete this part to provide additional information for responses to questions on Schedule L (see instructions)

Identifier	Return Reference	Explanation
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SCHEDULE O
(Form 990 or 990-EZ)Department of the Treasury
Internal Revenue Service**Supplemental Information to Form 990 or 990-EZ****Complete to provide information for responses to specific questions on
Form 990 or to provide any additional information.**
► **Attach to Form 990 or 990-EZ.**

OMB No 1545-0047

2011**Open to Public
Inspection**Name of the organization
MEMPHIS BIOWORKS FOUNDATION**Employer identification number**

62-1858660

Identifier	Return Reference	Explanation
	FORM 990, PART VI, SECTION A, LINE 2	BLUE CROSS BLUE SHIELD OF TENNESSEE HAS CONTRACTS WITH SOME BOARD MEMBER'S COMPANIES CALVIN ANDERSON, VP OF BLUE CROSS/BUE SHIELD, SITS ON THE FOUNDATION'S BOARD
	FORM 990, PART VI, SECTION A, LINE 7A	BAPTIST MEMORIAL HEALTH CARE CORP & THE UNIVERSITY OF TENNESSEE HAVE THE RIGHT TO SELECT ONE BOARD MEMBER
	FORM 990, PART VI, SECTION B, LINE 11	THE PRESIDENT AND CFO REVIEW THE 990 BEFORE THE RETURN IS SUBMITTED
	FORM 990, PART VI, SECTION B, LINE 12C	THE CONFLICT OF INTEREST FORM IS DISTRIBUTED ANNUALLY TO ALL BOARD MEMBERS FOR REVIEW AND SIGNATURE
	FORM 990, PART VI, SECTION B, LINE 15	COMPENSATION IS REVIEWED AND APPROVED BY THE EXECUTIVE COMMITTEE
	FORM 990, PART VI, SECTION C, LINE 19	UPON REQUEST
CHANGES IN NET ASSETS OR FUND BALANCES	FORM 990, PART XI, LINE 5	NET UNREALIZED LOSSES ON INVESTMENTS -19,315
	FORM 990, PART XII, LINE 2C	THERE HAS BEEN NO CHANGE IN THE PROCESS FROM THE PRIOR YEAR

SCHEDULE R
(Form 990)

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

▶ Complete if the organization answered "Yes" to Form 990, Part IV, line 33, 34, 35, 36, or 37.
▶ Attach to Form 990. ▶ See separate instructions.

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization
MEMPHIS BIOWORKS FOUNDATION

Employer identification number
62-1858660

Part I

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

(a) Name, address, and EIN 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

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 organization	
						Yes	No
(1) MEMPHIS ACADEMY OF SCIENCE AND ENGINEERING 1254 JEFFERSON AVENUE MEMPHIS, TN 38104 72-1552646	CHARTER SCHOOL	TN	501(C)(3)	107(B)(1)(VI)	MEMPHIS BIOWORKS FOUNDATION		No

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) INNOVA FUND I LP 20 S DUDLEY ST SUITE 900 MEMPHIS, TN 38103 26-2145591	SEED FUND	DE	INNOVA MEMPHIS INC	EXCLUDED	1,132,717	2,283,070		No		Yes		
(2) INNOVA FUND II LP 20 S DUDLEY ST SUITE 900 MEMPHIS, TN 38103 27-0741395	INVESTMENTS	DE	INNOVA MEMPHIS INC	EXCLUDED	91,483	5,140,596		No		Yes		
(3) INNOVA SPECIAL PARTNERS GP 20 S DUDLEY ST SUITE 802 MEMPHIS, TN 38103 24-2491994	INVESTMENTS	TN	INNOVA MEMPHIS INC	EXCLUDED				No		Yes		
(4) INNOVA II SPECIAL PARTNERS GP 20 S DUDLEY ST SUITE 802 MEMPHIS, TN 38103 45-1618838	INVESTMENTS	TN	INNOVA MEMPHIS INC	EXCLUDED				No		Yes		

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
(1) INNOVA MEMPHIS INC 20 S DUDLEY ST SUITE 900 MEMPHIS, TN 38103 26-1475248	BIOSCIENCE RESEARCH AND DEVELOPMENT	TN	MEMPHIS BIOWORKS FOUNDATION	C	1,020,998	2,316,741	100 000 %
(2) TMA DEVELOPMENT CORP 20 S DUDLEY ST SUITE 900 MEMPHIS, TN 38103 20-8195524	INACTIVE	TN	MEMPHIS BIOWORKS FOUNDATION	C	221,729	378,257	100 000 %

Part V

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

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

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 (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

Sale of assets to related organization(s)

g

Purchase of assets from related organization(s)

h

Exchange of assets with related organization(s)

i

Lease of facilities, equipment, or other assets to related organization(s)

j

Lease of facilities, equipment, or other assets from related organization(s)

k

Performance of services or membership or fundraising solicitations for related organization(s)

l

Performance of services or membership or fundraising solicitations by related organization(s)

m

Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)

n

Sharing of paid employees with related organization(s)

o

Reimbursement paid to related organization(s) for expenses

p

Reimbursement paid by related organization(s) for expenses

q

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

r

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

Yes

No

1a

Yes

1b

Yes

1c

No

1d

Yes

1e

No

1f

No

1g

No

1h

No

1i

No

1j

No

1k

Yes

1l

No

1m

No

1n

No

1o

No

1p

No

1q

No

1r

No

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 other organization	(b) Transaction type(a-r)	(c) Amount involved	(d) Method of determining amount involved
(1) See Additional Data Table			
(2)			
(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) RX DISTRIBUTION NETWORK LLC 1900 CAMPUS COMMONS DRIVE SUITE 10RESTON, VA 20191 43-2071407	PHARMA SUPPLY CHAIN MANAGEMENT	VA		Yes				Yes				No	

Part VII

Supplemental Information

Complete this part to provide additional information for responses to questions on Schedule R (see instructions)

Identifier	Return Reference	Explanation	
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Software ID:

Software Version:

EIN: 62-1858660

Name: MEMPHIS BIOWORKS FOUNDATION

Form 990, Schedule R, Part V - Transactions With Related Organizations

(a) Name of other organization	(b) Transaction type(a-r)	(c) Amount Involved (\$)	(d) Method of determining amount involved
(1) INNOVA MEMPHIS - CAPITAL CONTRIBUTION	B	807,772	
(2) INNOVA MEMPHIS - SERVICES PROVIDED	K	14,439	
(3) INNOVA MEMPHIS - RENT PAYMENT	A	20,000	
(4) INNOVA I - SERVICES PROVIDED	K	261,800	
(5) MEMPHIS ACADEMY OF SCIENCE AND ENGINEERING	B	25,000	
(6) MEMPHIS ACADEMY OF SCIENCE AND ENGINEERING	D	649,060	
(7) INNOVA II - SERVICES PROVIDED	K	288,582	
(8) TMA DEVELOPMENT CORP - NOTES PAYABLE	D	147,000	
(9) TMA DEVELOPMENT CORP - INTEREST	A	6,086	

Additional Data

Software ID:
Software Version:
EIN: 62-1858660
Name: MEMPHIS BOWWORKS FOUNDATION

Form 990, Special Condition Description:

Special Condition Description

Form 990, Part III - 4 Program Service Accomplishments (See the Instructions)

4d. Other program services
(Code) (Expenses \$ 210,426 including grants of \$) (Revenue \$ 132,500) MEMPHIS MEDICAL CENTER LEADERSHIP, NON PROFIT AND EARLY STAGE COMPANY ADMINISTRATIVE SUPPORT, GRANT TO SUPPORT PROMISING HEALTHCARE RESEARCH(TOTAL PERSONS BENEFITED >5,000)