

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 private foundations)  
Do not enter social security numbers on this form as it may be made public  
Information about Form 990 and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990)

OMB No 1545-0047  
**2017**  
Open to Public Inspection

**A For the 2017 calendar year, or tax year beginning 07-01-2017, and ending 06-30-2018**

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

**C** Name of organization: KETTERING UNIVERSITY  
 Doing business as:  
 Number and street (or P O box if mail is not delivered to street address): 1700 University Avenue Room/suite:  
 City or town, state or province, country, and ZIP or foreign postal code: Flint, MI 485046214

**D** Employer identification number: 38-2410852  
**E** Telephone number: (810) 762-9790  
**G** Gross receipts \$ 103,761,930

**F** Name and address of principal officer: Dr Robert K McMahan, 1700 University Avenue, Flint, MI 485046214

**H(a)** Is this a group return for subordinates?  Yes  No  
**H(b)** Are all subordinates included?  Yes  No  
 If "No," attach a list (see instructions)  
**H(c)** Group exemption number ▶

**I** Tax-exempt status:  501(c)(3)  501(c) ( ) ◀ (insert no )  4947(a)(1) or  527

**J** Website: ▶ www.kettering.edu

**K** Form of organization:  Corporation  Trust  Association  Other ▶  
**L** Year of formation: 1982  
**M** State of legal domicile: MI

**Part I Summary**

**1** Briefly describe the organization's mission or most significant activities:  
 Education We prepare students for lives of extraordinary leadership and service by linking transformative experiential learning opportunities to rigorous academic programs in engineering, science, mathematics, and business. Founded in 1919 by a group of Flint leaders with a vision for transforming the automobile industry, Kettering University today offers 13 undergraduate degrees, 6 graduate degrees, and a variety of concentrations and minors that allow it to deliver an education that couples theory and practice better than any other institution in the world. The University is dedicated to achieving the extraordinary through technological innovation, leadership and service. Through growth, global leadership, community outreach and an engaged community of stakeholders the University strives to fulfill its mission. The University's actions are imbued by a set of values that foster respect, integrity, creativity, collaboration and excellence.

**2** Check this box  if the organization discontinued its operations or disposed of more than 25% of its net assets

<b>3</b> Number of voting members of the governing body (Part VI, line 1a)	24
<b>4</b> Number of independent voting members of the governing body (Part VI, line 1b)	23
<b>5</b> Total number of individuals employed in calendar year 2017 (Part V, line 2a)	1,014
<b>6</b> Total number of volunteers (estimate if necessary)	1,160
<b>7a</b> Total unrelated business revenue from Part VIII, column (C), line 12	-338,975
<b>7b</b> Net unrelated business taxable income from Form 990-T, line 34	-338,975

	Prior Year	Current Year
<b>8</b> Contributions and grants (Part VIII, line 1h)	8,946,469	10,500,490
<b>9</b> Program service revenue (Part VIII, line 2g)	57,865,067	59,370,051
<b>10</b> Investment income (Part VIII, column (A), lines 3, 4, and 7d)	1,906,082	5,654,941
<b>11</b> Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	614,777	426,388
<b>12</b> Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	69,332,395	75,951,870
<b>13</b> Grants and similar amounts paid (Part IX, column (A), lines 1-3)	3,617,323	3,433,175
<b>14</b> Benefits paid to or for members (Part IX, column (A), line 4)	0	0
<b>15</b> Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	37,975,304	38,062,408
<b>16a</b> Professional fundraising fees (Part IX, column (A), line 11e)	99,907	102,349
<b>b</b> Total fundraising expenses (Part IX, column (D), line 25) ▶ 2,527,996		
<b>17</b> Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	24,546,853	25,659,452
<b>18</b> Total expenses Add lines 13-17 (must equal Part IX, column (A), line 25)	66,239,387	67,257,384
<b>19</b> Revenue less expenses Subtract line 18 from line 12	3,093,008	8,694,486
	Beginning of Current Year	End of Year
<b>20</b> Total assets (Part X, line 16)	194,468,040	203,265,971
<b>21</b> Total liabilities (Part X, line 26)	25,375,406	25,325,306
<b>22</b> Net assets or fund balances Subtract line 21 from line 20	169,092,634	177,940,665

**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: \_\_\_\_\_ Date: 2019-05-09  
 Thomas W Ayers Treasurer  
 Type or print name and title

**Paid Preparer Use Only**

Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
Firm's name ▶	Firm's EIN ▶		Phone no	
Firm's address ▶				

**Part III Statement of Program Service Accomplishments**

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

**1** Briefly describe the organization's mission

**Education** We prepare students for lives of extraordinary leadership and service by linking transformative experiential learning opportunities to rigorous academic programs in engineering, science, mathematics, and business. Founded in 1919 by a group of Flint leaders with a vision for transforming the automobile industry, Kettering University today offers 13 undergraduate degrees, 6 graduate degrees, and a variety of concentrations and minors that allow it to deliver an education that couples theory and practice better than any other institution in the world. The University is dedicated to achieving the extraordinary through technological innovation, leadership and service. Through growth, global leadership, community outreach and an engaged community of stakeholders the University strives to fulfill its mission. The University's actions are imbued by a set of values that foster respect, integrity, creativity, collaboration and excellence.

**2** Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ?  Yes  No

If "Yes," describe these new services on Schedule O

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

If "Yes," describe these changes on Schedule O

**4** Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported

**4a** (Code ) (Expenses \$ 18,568,282 including grants of \$ 3,433,175 ) (Revenue \$ 42,893,815 )  
See Additional Data

**4b** (Code ) (Expenses \$ 2,063,142 including grants of \$ 0 ) (Revenue \$ 6,837,738 )  
See Additional Data

**4c** (Code ) (Expenses \$ 3,242,803 including grants of \$ 1,419,726 ) (Revenue \$ 608,469 )  
See Additional Data

(Code ) (Expenses \$ 32,730,857 including grants of \$ 108,554 ) (Revenue \$ 5,593,879 )  
All other Program Services includes Academic Support, Student Services, Institutional Services, and Auxiliary Services

**4d** Other program services (Describe in Schedule O )  
(Expenses \$ 32,730,857 including grants of \$ 108,554 ) (Revenue \$ 5,593,879 )

**4e Total program service expenses** ▶ 56,605,084

**Part IV Checklist of Required Schedules**

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

**Part IV Checklist of Required Schedules (continued)**

	Yes	No
<b>20a</b> Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H . . . . .</i>		No
<b>b</b> If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
<b>21</b> Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II . . . . .</i>		No
<b>22</b> Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III . . . . .</i>	Yes	
<b>23</b> Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J . . . . .</i>	Yes	
<b>24a</b> Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a . . . . .</i>		No
<b>b</b> Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? . . . . .		
<b>c</b> Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds? . . . . .		
<b>d</b> Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year? . . . . .		
<b>25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations.</b> 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>		No
<b>b</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>		No
<b>26</b> Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II . . . . .</i>		No
<b>27</b> Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III . . . . .</i>		No
<b>28</b> 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)		
<b>a</b> A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV . . . . .</i>		No
<b>b</b> A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV . . . . .</i>		No
<b>c</b> An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV . . . . .</i>		No
<b>29</b> Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M . . . . .</i>	Yes	
<b>30</b> Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M . . . . .</i>		No
<b>31</b> Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I . . . . .</i>		No
<b>32</b> 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>		No
<b>33</b> 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>		No
<b>34</b> Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1 . . . . .</i>		No
<b>35a</b> Did the organization have a controlled entity within the meaning of section 512(b)(13)?		No
<b>b</b> If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2 . . . . .</i>		
<b>36 Section 501(c)(3) organizations.</b> Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2 . . . . .</i>		No
<b>37</b> 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>		No
<b>38</b> Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? <b>Note.</b> All Form 990 filers are required to complete Schedule O . . . . .	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance

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

Table with columns for question ID, question text, and Yes/No response boxes. Includes sections for backup withholding, employee reporting, foreign accounts, prohibited transactions, and charitable contributions.

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to lines 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O See instructions

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

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a (24), 1b (23), 2, 3, 4, 5, 6, 7a, 7b, 8a, 8b, 9.

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

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

Section C. Disclosure

Table with 3 columns: Question, Yes, No. Rows include: 17 (CA), 18 (Own website, Another's website, Upon request, Other), 19, 20 (Nancy A Fike, 1700 University Avenue, Flint, MI 485046214 (810) 762-9925).

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

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

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

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

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation Enter -0- in columns (D), (E), and (F) if no compensation was paid
- List all of the organization's **current** key employees, if any See instructions for definition of "key employee "
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations
- List all of the organization's **former** officers, key employees, 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 organization compensated any current officer, director, or trustee

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
See Additional Data Table										

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

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
See Additional Data Table										

<b>1b Sub-Total</b>			
<b>c Total from continuation sheets to Part VII, Section A</b>			
<b>d Total (add lines 1b and 1c)</b>	2,812,649	0	551,734

**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 ► **46**

<b>3</b> Did the organization list any <b>former</b> officer, director or trustee, key employee, or highest compensated employee on line 1a? If "Yes," complete Schedule J for such individual . . . . .	<b>3</b>		No
<b>4</b> For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? If "Yes," complete Schedule J for such individual . . . . .	<b>4</b>	Yes	
<b>5</b> Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? If "Yes," complete Schedule J for such person . . . . .	<b>5</b>		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
Keypath Education LLC 220 N Smith St 201 Palatine, IL 60067	Recruitment Services	1,699,720
Duffey Petrosky & Company 38505 Country Club Dr Farmington Hills, MI 48331	Marketing Services	593,039
Ruffalo Noel Levitz 1025 Kirkwood Pkwy SW Cedar Rapids, IA 52404	Marketing Services	491,345
Kevin B Kingsbury, Campus Printing Communications 1700 University Ave Flint, MI 48504	Printing Services	160,089
Symmetri Partners LLC 625 N Michigan Avenue STE 2100 Chicago, IL 60611	Website development	117,630

**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 ► **7**



**Part VIII Statement of Revenue**

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

		(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514
<b>Contributions, Gifts, Grants and Other Similar Amounts</b>	<b>1a</b> Federated campaigns . . . . .	<b>1a</b>	0		
	<b>b</b> Membership dues . . . . .	<b>1b</b>	0		
	<b>c</b> Fundraising events . . . . .	<b>1c</b>	0		
	<b>d</b> Related organizations . . . . .	<b>1d</b>	0		
	<b>e</b> Government grants (contributions) . . . . .	<b>1e</b>	0		
	<b>f</b> All other contributions, gifts, grants, and similar amounts not included above . . . . .	<b>1f</b>	10,500,490		
	<b>g</b> Noncash contributions included in lines 1a-1f \$ _____		2,060,197		
	<b>h Total.</b> Add lines 1a-1f . . . . .		10,500,490		

<b>Program Service Revenue</b>			Business Code				
	<b>2a</b> Tuition Undergraduate . . . . .		611310	46,329,965	46,329,965	0	0
<b>b</b> Tuition & Fees Graduate . . . . .		611310	6,837,738	6,837,738	0	0	
<b>c</b> Research . . . . .		611310	608,469	608,469	0	0	
<b>d</b> Continuing Education . . . . .		611310	1,224,504	1,224,504	0	0	
<b>e</b> Auxiliary Services . . . . .		611310	4,369,375	0	0	4,369,375	
<b>f</b> All other program service revenue . . . . .			0	0	0	0	
<b>g Total.</b> Add lines 2a-2f . . . . .			59,370,051				

<b>Other Revenue</b>	<b>3</b> Investment income (including dividends, interest, and other similar amounts) . . . . .			2,115,194	0	-338,975	2,454,169
	<b>4</b> Income from investment of tax-exempt bond proceeds . . . . .			0	0	0	0
	<b>5</b> Royalties . . . . .			0	0	0	0
	<b>6a</b> Gross rents . . . . .	(i) Real	(ii) Personal				
		107,427	0				
	<b>b</b> Less rental expenses . . . . .	0	0				
	<b>c</b> Rental income or (loss) . . . . .	107,427	0				
	<b>d</b> Net rental income or (loss) . . . . .			107,427	0	0	107,427
	<b>7a</b> Gross amount from sales of assets other than inventory . . . . .	(i) Securities	(ii) Other				
		31,349,807	0				
	<b>b</b> Less cost or other basis and sales expenses . . . . .	27,810,060	0				
	<b>c</b> Gain or (loss) . . . . .	3,539,747	0				
	<b>d</b> Net gain or (loss) . . . . .			3,539,747	0	0	3,539,747
	<b>8a</b> Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18 . . . . .	<b>a</b>					
		0					
<b>b</b> Less direct expenses . . . . .	<b>b</b>						
	0						
<b>c</b> Net income or (loss) from fundraising events . . . . .			0		0	0	
<b>9a</b> Gross income from gaming activities See Part IV, line 19 . . . . .	<b>a</b>						
	0						
<b>b</b> Less direct expenses . . . . .	<b>b</b>						
	0						
<b>c</b> Net income or (loss) from gaming activities . . . . .			0		0	0	
<b>10a</b> Gross sales of inventory, less returns and allowances . . . . .	<b>a</b>						
	0						
<b>b</b> Less cost of goods sold . . . . .	<b>b</b>						
	0						
<b>c</b> Net income or (loss) from sales of inventory . . . . .			0		0	0	
Miscellaneous Revenue . . . . .	Business Code						
<b>11a</b> . . . . .							
<b>b</b> . . . . .							
<b>c</b> . . . . .							
<b>d</b> All other revenue . . . . .			318,961	318,961	0	0	
<b>e Total.</b> Add lines 11a-11d . . . . .			318,961				
<b>12 Total revenue.</b> See Instructions . . . . .			75,951,870	55,319,637	-338,975	10,470,718	

**Part IX Statement of Functional Expenses**

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

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

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
<b>Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.</b>				
<b>1</b> Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21.	0	0		
<b>2</b> Grants and other assistance to domestic individuals. See Part IV, line 22.	3,433,175	3,433,175		
<b>3</b> Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, line 15 and 16.	0	0		
<b>4</b> Benefits paid to or for members.	0	0		
<b>5</b> Compensation of current officers, directors, trustees, and key employees.	1,967,605	0	1,570,475	397,130
<b>6</b> Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B).	0	0	0	0
<b>7</b> Other salaries and wages.	26,987,782	23,710,645	2,471,427	805,710
<b>8</b> Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions).	2,166,755	1,776,739	303,346	86,670
<b>9</b> Other employee benefits.	4,826,932	3,958,084	675,771	193,077
<b>10</b> Payroll taxes.	2,113,334	1,732,934	295,867	84,533
<b>11</b> Fees for services (non-employees)				
<b>a</b> Management.	0	0	0	0
<b>b</b> Legal.	84,301	40,424	43,877	0
<b>c</b> Accounting.	65,450	0	65,450	0
<b>d</b> Lobbying.	0	0	0	0
<b>e</b> Professional fundraising services. See Part IV, line 17.	102,349			102,349
<b>f</b> Investment management fees.	0	0	0	0
<b>g</b> Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O).	8,011,706	7,153,790	483,229	374,687
<b>12</b> Advertising and promotion.	150,382	139,172	11,080	130
<b>13</b> Office expenses.	2,673,239	2,495,459	102,477	75,303
<b>14</b> Information technology.	0	0	0	0
<b>15</b> Royalties.	0	0	0	0
<b>16</b> Occupancy.	2,524,153	2,120,289	302,898	100,966
<b>17</b> Travel.	1,070,888	834,664	203,110	33,114
<b>18</b> Payments of travel or entertainment expenses for any federal, state, or local public officials.	0	0	0	0
<b>19</b> Conferences, conventions, and meetings.	138,142	111,943	22,144	4,055
<b>20</b> Interest.	980,316	980,316	0	0
<b>21</b> Payments to affiliates.	0	0	0	0
<b>22</b> Depreciation, depletion, and amortization.	4,032,875	3,387,615	483,945	161,315
<b>23</b> Insurance.	319,302	21,751	297,266	285
<b>24</b> Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
<b>a</b> Equipment.	1,187,400	780,069	407,331	0
<b>b</b> Maintenance.	2,374,242	1,986,170	293,493	94,579
<b>c</b> Student Clubs.	282,046	282,046	0	0
<b>d</b> Miscellaneous.	1,266,167	1,252,934	0	13,233
<b>e</b> All other expenses.	498,843	406,865	91,118	860
<b>25</b> Total functional expenses. Add lines 1 through 24e.	67,257,384	56,605,084	8,124,304	2,527,996
<b>26</b> Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720).				

**Part X Balance Sheet**

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

		(A) Beginning of year		(B) End of year
<b>Assets</b>	<b>1</b> Cash—non-interest-bearing . . . . .	0	<b>1</b>	0
	<b>2</b> Savings and temporary cash investments . . . . .	14,429,201	<b>2</b>	10,969,861
	<b>3</b> Pledges and grants receivable, net . . . . .	2,110,334	<b>3</b>	2,770,982
	<b>4</b> Accounts receivable, net . . . . .	1,587,926	<b>4</b>	1,718,285
	<b>5</b> Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L . . . . .	0	<b>5</b>	0
	<b>6</b> Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions) Complete Part II of Schedule L . . . . .	0	<b>6</b>	0
	<b>7</b> Notes and loans receivable, net . . . . .	0	<b>7</b>	0
	<b>8</b> Inventories for sale or use . . . . .	0	<b>8</b>	0
	<b>9</b> Prepaid expenses and deferred charges . . . . .	1,432,250	<b>9</b>	1,537,553
	<b>10a</b> Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	180,153,936		
	<b>b</b> Less accumulated depreciation	99,145,172		
		77,582,531	<b>10c</b>	81,008,764
	<b>11</b> Investments—publicly traded securities . . . . .	88,124,365	<b>11</b>	82,592,830
	<b>12</b> Investments—other securities See Part IV, line 11 . . . . .	7,347,856	<b>12</b>	20,800,364
	<b>13</b> Investments—program-related See Part IV, line 11 . . . . .	0	<b>13</b>	0
	<b>14</b> Intangible assets . . . . .	0	<b>14</b>	0
<b>15</b> Other assets See Part IV, line 11 . . . . .	1,853,577	<b>15</b>	1,867,332	
<b>16</b> <b>Total assets.</b> Add lines 1 through 15 (must equal line 34) . . . . .	194,468,040	<b>16</b>	203,265,971	
<b>Liabilities</b>	<b>17</b> Accounts payable and accrued expenses . . . . .	2,808,578	<b>17</b>	3,102,595
	<b>18</b> Grants payable . . . . .	0	<b>18</b>	0
	<b>19</b> Deferred revenue . . . . .	1,102,955	<b>19</b>	1,145,962
	<b>20</b> Tax-exempt bond liabilities . . . . .	18,751,613	<b>20</b>	17,920,857
	<b>21</b> Escrow or custodial account liability Complete Part IV of Schedule D	0	<b>21</b>	0
	<b>22</b> Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons Complete Part II of Schedule L . . . . .	0	<b>22</b>	0
	<b>23</b> Secured mortgages and notes payable to unrelated third parties . . . . .	251,298	<b>23</b>	210,065
	<b>24</b> Unsecured notes and loans payable to unrelated third parties . . . . .	0	<b>24</b>	0
	<b>25</b> 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	2,460,962	<b>25</b>	2,945,827
	<b>26</b> <b>Total liabilities.</b> Add lines 17 through 25 . . . . .	25,375,406	<b>26</b>	25,325,306
<b>Net Assets or Fund Balances</b>	<b>Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.</b>			
	<b>27</b> Unrestricted net assets	89,217,504	<b>27</b>	91,897,454
	<b>28</b> Temporarily restricted net assets . . . . .	29,364,825	<b>28</b>	34,025,067
	<b>29</b> Permanently restricted net assets	50,510,305	<b>29</b>	52,018,144
	<b>Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.</b>			
	<b>30</b> Capital stock or trust principal, or current funds . . . . .		<b>30</b>	
	<b>31</b> Paid-in or capital surplus, or land, building or equipment fund . . . . .		<b>31</b>	
	<b>32</b> Retained earnings, endowment, accumulated income, or other funds		<b>32</b>	
<b>33</b> Total net assets or fund balances . . . . .	169,092,634	<b>33</b>	177,940,665	
<b>34</b> Total liabilities and net assets/fund balances . . . . .	194,468,040	<b>34</b>	203,265,971	

**Part XI Reconciliation of Net Assets**

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

<b>1</b>	Total revenue (must equal Part VIII, column (A), line 12) . . . . .	<b>1</b>	75,951,870
<b>2</b>	Total expenses (must equal Part IX, column (A), line 25) . . . . .	<b>2</b>	67,257,384
<b>3</b>	Revenue less expenses Subtract line 2 from line 1 . . . . .	<b>3</b>	8,694,486
<b>4</b>	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A)) . . . . .	<b>4</b>	169,092,634
<b>5</b>	Net unrealized gains (losses) on investments . . . . .	<b>5</b>	70,562
<b>6</b>	Donated services and use of facilities . . . . .	<b>6</b>	0
<b>7</b>	Investment expenses . . . . .	<b>7</b>	0
<b>8</b>	Prior period adjustments . . . . .	<b>8</b>	0
<b>9</b>	Other changes in net assets or fund balances (explain in Schedule O) . . . . .	<b>9</b>	82,983
<b>10</b>	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	<b>10</b>	177,940,665

**Part XII Financial Statements and Reporting**

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

		Yes	No
<p><b>1</b> Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____</p> <p>If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O</p>			
<p><b>2a</b> Were the organization's financial statements compiled or reviewed by an independent accountant?</p> <p>If 'Yes,' check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both</p> <p><input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>	<b>2a</b>		No
<p><b>b</b> Were the organization's financial statements audited by an independent accountant?</p> <p>If 'Yes,' check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both</p> <p><input type="checkbox"/> Separate basis <input checked="" type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>	<b>2b</b>	Yes	
<p><b>c</b> If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant?</p> <p>If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O</p>	<b>2c</b>	Yes	
<p><b>3a</b> 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?</p>	<b>3a</b>	Yes	
<p><b>b</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</p>	<b>3b</b>	Yes	

## Additional Data

**Software ID:** 17005980

**Software Version:** v1.00

**EIN:** 38-2410852

**Name:** KETTERING UNIVERSITY

Form 990 (2017)

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**Form 990, Part III, Line 4a:**

Undergraduate Instruction Delivered 66,104 undergraduate student credit hours of instruction (one student credit hour represents 10 hours of instruction for one student)  
Awarded 368 baccalaureate degrees in 15 different programs

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**Form 990, Part III, Line 4b:**

Graduate Instruction Delivered 7,624 graduate student credit hours of instruction (one student credit hour represents 10 hours of instruction for one student) Awarded 158 master's degrees in 6 different programs

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**Form 990, Part III, Line 4c:**

Research Top three projects (1) MRI Acquisition of a High Performance Computing Cluster for Multi-Disciplinary Research & Education at a Primarily Undergraduate Institution In October 2017, Kettering University was granted a National Science Foundation Major Research Instrumentation award titled "MRI Acquisition of a High Performance Computing Cluster for Multi-Disciplinary Research & Education at a Primarily Undergraduate Institution " A high-performance computing cluster (KUHPC) was purchased for \$319,580 and installed on campus in April 2018 KUHPC provides computational resources to support ongoing research and educational opportunities for faculty and undergraduate students in disciplines such as physics, biology, chemical engineering, chemistry, mathematics, and industrial engineering The original award included nine faculty PIs or Senior Personnel, and one additional faculty member has been recruited to use the equipment since its installation As of November 2018 a total of six undergraduate students have also been trained to use the cluster, including three NSF-REU students during the 2018 summer term (2) MRI Acquisition of a Spectroscopic Ellipsometer to Enhance Multidisciplinary Undergraduate Research and Educational Experiences In September 2017, The National Science Foundation awarded Kettering University a grant to purchase a spectroscopic ellipsometer to support both research and educational efforts at the University The ellipsometer was installed at Kettering in March 2018 Since then, this instrument has been integrated into four faculty members' research projects Several undergraduate students have been trained and have used the instrument for thesis projects Additionally, it has been used to enhance learning in an undergraduate physics course (Optoelectronics and Photonics) Some of the work supported by the ellipsometer has already been presented at regional conferences and will be a part of two manuscripts in preparation for publication (3) Support Through Robotics for Underserved Talented Students (STRUTS) In July 2014, Kettering University was granted a NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) award titled "Support Through Robotics for Underserved Talented Students (STRUTS) " This award aims to supplement tuition costs for students with a past record of participation in FIRST Robotics who also have demonstrated financial need Financial need was determined by review of students' federal financial aid awards and expected family contributions In the 2017/2018 fiscal year, a STRUTS scholarship of a maximum amount of \$10,000 was awarded to ten Kettering University undergraduate students across science and engineering disciplines The scholarship amounts varied based on individual student needs In addition to scholarship support, these students were provided with opportunities for professional development, networking, and mentoring as part of the STRUTS program, which were also funded by this award

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**Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors**

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
Henio Arcangeli Jr Trustee and Vice Chair	2	X		X				0	0	0
Lizabeth A Ardisana Trustee	2	X						0	0	0
Carla J Bailo Trustee	2	X						0	0	0
Jane E Boon Trustee and Secretary	2	X		X				0	0	0
Walter G Borst Trustee	2	X						0	0	0
Donald B Chaffin Trustee	2	X						0	0	0
Bruce D Coventry Trustee	2	X						0	0	0
Gary L Cowger Trustee	2	X						0	0	0
Jacqueline A Dedo Trustee	2	X						0	0	0
Phillip C Dutcher Trustee	2	X						0	0	0



**Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors**

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
David S Hoyte Trustee	2	X						0	0	0
Gerald Johnson Trustee	2	X						0	0	0
Charles F Kettering III Trustee	2	X						0	0	0
Jesse M Lopez Trustee	2	X						0	0	0
Michael Mansuetti Trustee	2	X						0	0	0
John W Moyer Trustee	2	X						0	0	0
Raj Nair Trustee	2	X						0	0	0
Jeffrey J Owens Trustee	2	X						0	0	0
Raymond E Scott Trustee	2	X						0	0	0
Marjorie Sorge Trustee	2	X						0	0	0

**Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors**

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
Lyn St James Trustee	2	X						0	0	0
Norman J Szydowski Trustee	2	X						0	0	0
Diana D Tremblay Trustee and Chair	4	X		X				0	0	0
Robert K McMahan President	75	X		X				642,482	0	198,472
James Zhang Provost	55			X				267,532	0	40,810
Donald Rockwell University Counsel	55			X				155,463	0	24,810
Thomas W Ayers Treasurer	55			X				253,061	0	40,327
Susan Davies VP University Advancement & External Relations	60				X			245,620	0	38,819
Cornelius Darcy VP Marketing, Communication & Enrollment	55				X			226,146	0	29,580
Christine Wallace Vice President Kettering Global	55				X			187,048	0	35,057

**Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors**

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
Craig Hoff ..... Dean of College of Engineering	55 .....					X		174,358	0	36,505
Michael Smith ..... Dean School of Managment	55 .....					X		169,615	0	30,575
Jane Homsher ..... VP Student Life & Dean of Students	55 .....					X		167,189	0	22,331
Petros Gheresus ..... Reiss Chair of Industrial Engineering	55 .....					X		165,180	0	34,797
Bassem Ramadan ..... Department Head - Mechanical Engineering	55 .....					X		158,955	0	19,651

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

**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.

**2017**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
KETTERING UNIVERSITY

▶ Information about Schedule A (Form 990 or 990-EZ) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

Employer identification number

38-2410852

**Part I Reason for Public Charity Status** (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is (For lines 1 through 12, check only one box.)

- 1  A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i)**.
- 2  A school described in **section 170(b)(1)(A)(ii)**. (Attach Schedule E (Form 990 or 990-EZ) )
- 3  A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii)**.
- 4  A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii)**. Enter the hospital's name, city, and state \_\_\_\_\_
- 5  An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv)**. (Complete Part II )
- 6  A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v)**.
- 7  An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)**. (Complete Part II )
- 8  A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II )
- 9  An agricultural research organization described in **170(b)(1)(A)(ix)** operated in conjunction with a land-grant college or university or a non-land grant college of agriculture See instructions Enter the name, city, and state of the college or university \_\_\_\_\_
- 10  An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2)**. (Complete Part III )
- 11  An organization organized and operated exclusively to test for public safety See **section 509(a)(4)**.
- 12  An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2)**. See **section 509(a)(3)**. Check the box in lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g
  - a  **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization **You must complete Part IV, Sections A and B.**
  - b  **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s) **You must complete Part IV, Sections A and C.**
  - c  **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions) **You must complete Part IV, Sections A, D, and E.**
  - d  **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions) **You must complete Part IV, Sections A and D, and Part V.**
  - e  Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization
  - f Enter the number of supported organizations \_\_\_\_\_
  - g Provide the following information about the supported organization(s)

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

**Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv), 170(b)(1)(A)(vi), and 170(b)(1)(A)(ix)**

(Complete only if you checked the box on line 5, 7, 8, or 9 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

**Section A. Public Support**

	Calendar year (or fiscal year beginning in) ►	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
<b>1</b>	Gifts, grants, contributions, and membership fees received (Do not include any "unusual grant")						
<b>2</b>	Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
<b>3</b>	The value of services or facilities furnished by a governmental unit to the organization without charge						
<b>4</b>	<b>Total.</b> Add lines 1 through 3						
<b>5</b>	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)						
<b>6</b>	<b>Public support.</b> Subtract line 5 from line 4						

**Section B. Total Support**

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

**13 First five years.** If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here** . . . . .

**Section C. Computation of Public Support Percentage**

<b>14</b>	Public support percentage for 2017 (line 6, column (f) divided by line 11, column (f))	<b>14</b>	
<b>15</b>	Public support percentage for 2016 Schedule A, Part II, line 14	<b>15</b>	

- 16a 33 1/3% support test—2017.** If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and **stop here.** The organization qualifies as a publicly supported organization ►
- b 33 1/3% support test—2016.** If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and **stop here.** The organization qualifies as a publicly supported organization ►
- 17a 10%-facts-and-circumstances test—2017.** If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and **stop here.** Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization ►
- b 10%-facts-and-circumstances test—2016.** If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and **stop here.** Explain in Part VI how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization ►
- 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 ►

**Part III Support Schedule for Organizations Described in Section 509(a)(2)**

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

**Section A. Public Support**

Calendar year (or fiscal year beginning in) ►		(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
<b>1</b>	Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
<b>2</b>	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						
<b>3</b>	Gross receipts from activities that are not an unrelated trade or business under section 513						
<b>4</b>	Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
<b>5</b>	The value of services or facilities furnished by a governmental unit to the organization without charge						
<b>6</b>	<b>Total.</b> Add lines 1 through 5						
<b>7a</b>	Amounts included on lines 1, 2, and 3 received from disqualified persons						
<b>b</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						
<b>c</b>	Add lines 7a and 7b						
<b>8</b>	<b>Public support.</b> (Subtract line 7c from line 6)						

**Section B. Total Support**

Calendar year (or fiscal year beginning in) ►		(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
<b>9</b>	Amounts from line 6						
<b>10a</b>	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
<b>b</b>	Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
<b>c</b>	Add lines 10a and 10b						
<b>11</b>	Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
<b>12</b>	Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
<b>13</b>	<b>Total support.</b> (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 section 501(c)(3) organization, check this box and **stop here** ►

**Section C. Computation of Public Support Percentage**

<b>15</b>	Public support percentage for 2017 (line 8, column (f) divided by line 13, column (f))	<b>15</b>	
<b>16</b>	Public support percentage from 2016 Schedule A, Part III, line 15	<b>16</b>	

**Section D. Computation of Investment Income Percentage**

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

**19a 33 1/3% support tests—2017.** 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—2016.** 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 Supporting Organizations**

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

**Section A. All Supporting Organizations**

		Yes	No
<b>1</b>	Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in <b>Part VI</b> how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.		
	<b>1</b>		
<b>2</b>	Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in <b>Part VI</b> how the organization determined that the supported organization was described in section 509(a)(1) or (2).		
	<b>2</b>		
<b>3a</b>	Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer (b) and (c) below.		
	<b>3a</b>		
<b>b</b>	Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in <b>Part VI</b> when and how the organization made the determination.		
	<b>3b</b>		
<b>c</b>	Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in <b>Part VI</b> what controls the organization put in place to ensure such use.		
	<b>3c</b>		
<b>4a</b>	Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you checked 12a or 12b in Part I, answer (b) and (c) below.		
	<b>4a</b>		
<b>b</b>	Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in <b>Part VI</b> how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.		
	<b>4b</b>		
<b>c</b>	Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in <b>Part VI</b> what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.		
	<b>4c</b>		
<b>5a</b>	Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in <b>Part VI</b> , including (i) the names and EIN numbers of the supported organizations added, substituted, or removed, (ii) the reasons for each such action, (iii) the authority under the organization's organizing document authorizing such action, and (iv) how the action was accomplished (such as by amendment to the organizing document).		
	<b>5a</b>		
<b>b</b>	<b>Type I or Type II only.</b> Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
	<b>5b</b>		
<b>c</b>	<b>Substitutions only.</b> Was the substitution the result of an event beyond the organization's control?		
	<b>5c</b>		
<b>6</b>	Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in <b>Part VI</b> .		
	<b>6</b>		
<b>7</b>	Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).		
	<b>7</b>		
<b>8</b>	Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).		
	<b>8</b>		
<b>9a</b>	Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in <b>Part VI</b> .		
	<b>9a</b>		
<b>b</b>	Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in <b>Part VI</b> .		
	<b>9b</b>		
<b>c</b>	Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in <b>Part VI</b> .		
	<b>9c</b>		
<b>10a</b>	Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes," answer line 10b below.		
	<b>10a</b>		
<b>b</b>	Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)		
	<b>10b</b>		

**Part IV Supporting Organizations** (continued)

		Yes	No
<b>11</b>	Has the organization accepted a gift or contribution from any of the following persons?		
<b>a</b>	A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?		
<b>b</b>	A family member of a person described in (a) above?		
<b>c</b>	A 35% controlled entity of a person described in (a) or (b) above? <i>If "Yes" to a, b, or c, provide detail in Part VI</i>		

**Section B. Type I Supporting Organizations**

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

**Section C. Type II Supporting Organizations**

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

**Section D. All Type III Supporting Organizations**

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

**Section E. Type III Functionally-Integrated Supporting Organizations**

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



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

- Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (explain in Part VI). **See instructions.** All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

<b>Section A - Adjusted Net Income</b>		(A) Prior Year	(B) Current Year (optional)
<b>1</b>	Net short-term capital gain	<b>1</b>	
<b>2</b>	Recoveries of prior-year distributions	<b>2</b>	
<b>3</b>	Other gross income (see instructions)	<b>3</b>	
<b>4</b>	Add lines 1 through 3	<b>4</b>	
<b>5</b>	Depreciation and depletion	<b>5</b>	
<b>6</b>	Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	<b>6</b>	
<b>7</b>	Other expenses (see instructions)	<b>7</b>	
<b>8</b>	<b>Adjusted Net Income</b> (subtract lines 5, 6 and 7 from line 4)	<b>8</b>	
<b>Section B - Minimum Asset Amount</b>		(A) Prior Year	(B) Current Year (optional)
<b>1</b>	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year)	<b>1</b>	
<b>a</b>	Average monthly value of securities	<b>1a</b>	
<b>b</b>	Average monthly cash balances	<b>1b</b>	
<b>c</b>	Fair market value of other non-exempt-use assets	<b>1c</b>	
<b>d</b>	<b>Total</b> (add lines 1a, 1b, and 1c)	<b>1d</b>	
<b>e</b>	<b>Discount</b> claimed for blockage or other factors (explain in detail in Part VI)		
<b>2</b>	Acquisition indebtedness applicable to non-exempt use assets	<b>2</b>	
<b>3</b>	Subtract line 2 from line 1d	<b>3</b>	
<b>4</b>	Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions)	<b>4</b>	
<b>5</b>	Net value of non-exempt-use assets (subtract line 4 from line 3)	<b>5</b>	
<b>6</b>	Multiply line 5 by .035	<b>6</b>	
<b>7</b>	Recoveries of prior-year distributions	<b>7</b>	
<b>8</b>	<b>Minimum Asset Amount</b> (add line 7 to line 6)	<b>8</b>	
<b>Section C - Distributable Amount</b>			Current Year
<b>1</b>	Adjusted net income for prior year (from Section A, line 8, Column A)	<b>1</b>	
<b>2</b>	Enter 85% of line 1	<b>2</b>	
<b>3</b>	Minimum asset amount for prior year (from Section B, line 8, Column A)	<b>3</b>	
<b>4</b>	Enter greater of line 2 or line 3	<b>4</b>	
<b>5</b>	Income tax imposed in prior year	<b>5</b>	
<b>6</b>	<b>Distributable Amount.</b> Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	<b>6</b>	
<b>7</b>	<input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)		

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

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

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

## Additional Data

**Software ID:** 17005980

**Software Version:** v1.00

**EIN:** 38-2410852

**Name:** KETTERING UNIVERSITY

**Part VI Supplemental Information.** Provide the explanations required by Part II, line 10, Part II, line 17a or 17b, Part III, line 12, Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c, Part IV, Section B, lines 1 and 2, Part IV, Section C, line 1, Part IV, Section D, lines 2 and 3, Part IV, Section E, lines 1c, 2a, 2b, 3a and 3b, Part V, line 1, Part V, Section B, line 1e, Part V Section D, lines 5, 6, and 8, and Part V, Section E, lines 2, 5, and 6 Also complete this part for any additional information (See instructions)

<b>Facts And Circumstances Test</b>

**SCHEDULE D**  
(Form 990)  
  
Department of the Treasury  
Internal Revenue Service

**Supplemental Financial Statements**  
**► Complete if the organization answered "Yes," on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. Attach to Form 990.**  
**Information about Schedule D (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).**

OMB No 1545-0047  
**2017**  
**Open to Public Inspection**

**Name of the organization**  
KETTERING UNIVERSITY

**Employer identification number**  
38-2410852

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

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

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

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

Preservation of land for public use (e g , recreation or education)       Preservation of an historically important land area

Protection of natural habitat       Preservation of a certified historic structure

Preservation of open space

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

	Held at the End of the Year	
<b>a</b> Total number of conservation easements	<b>2a</b>	
<b>b</b> Total acreage restricted by conservation easements	<b>2b</b>	
<b>c</b> Number of conservation easements on a certified historic structure included in (a)	<b>2c</b>	
<b>d</b> Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register	<b>2d</b>	

**3** Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ► \_\_\_\_\_

**4** Number of states where property subject to conservation easement is located ► \_\_\_\_\_

**5** Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?  Yes  No

**6** Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ► \_\_\_\_\_

**7** Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ► \$ \_\_\_\_\_

**8** Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?  Yes  No

**9** In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements

**Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.**  
Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

**1a** If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items

**b** If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items

**(i)** Revenue included on Form 990, Part VIII, line 1 ► \$ \_\_\_\_\_

**(ii)** Assets included in Form 990, Part X ► \$ \_\_\_\_\_

**2** If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items

**a** Revenue included on Form 990, Part VIII, line 1 ► \$ \_\_\_\_\_ 0

**b** Assets included in Form 990, Part X ► \$ \_\_\_\_\_ 0

**Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets** (continued)

- 3** Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply)
- a**  Public exhibition
  - b**  Scholarly research
  - c**  Preservation for future generations
  - d**  Loan or exchange programs
  - e**  Other
- 4** Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII
- 5** During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection?  Yes  No

**Part IV Escrow and Custodial Arrangements.**

Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

- 1a** Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?  Yes  No
- b** If "Yes," explain the arrangement in Part XIII and complete the following table
- |  | Amount |
|--|--------|
| <b>c</b> Beginning balance             |        |
| <b>d</b> Additions during the year     |        |
| <b>e</b> Distributions during the year |        |
| <b>f</b> Ending balance                |        |
- 2a** Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability?  Yes  No
- b** If "Yes," explain the arrangement in Part XIII Check here if the explanation has been provided in Part XIII

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

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
<b>1a</b> Beginning of year balance . . . . .	82,614,985	75,431,508	80,958,608	81,288,498	70,740,094
<b>b</b> Contributions . . . . .	1,435,912	972,330	577,288	1,517,780	2,320,408
<b>c</b> Net investment earnings, gains, and losses	5,637,810	9,584,419	-2,876,553	1,214,063	11,243,780
<b>d</b> Grants or scholarships . . . . .	1,413,250	1,586,845	1,492,072	1,390,500	1,378,607
<b>e</b> Other expenditures for facilities and programs . . . . .	1,597,475	1,661,427	1,610,763	1,546,233	1,542,086
<b>f</b> Administrative expenses . . . . .	125,000	125,000	125,000	125,000	95,091
<b>g</b> End of year balance . . . . .	86,552,982	82,614,985	75,431,508	80,958,608	81,288,498

- 2** Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as
- a** Board designated or quasi-endowment ▶ 12 %
  - b** Permanent endowment ▶ 60 %
  - c** Temporarily restricted endowment ▶ 28 %
- The percentages on lines 2a, 2b, and 2c should equal 100%
- 3a** Are there endowment funds not in the possession of the organization that are held and administered for the organization by
- |  | Yes           | No |
|--|---------------|----|
| <b>(i)</b> unrelated organizations . . . . .   | <b>3a(i)</b>  | No |
| <b>(ii)</b> related organizations . . . . .  | <b>3a(ii)</b> | No |
| <b>b</b> If "Yes" on 3a(ii), are the related organizations listed as required on Schedule R? . . . . . | <b>3b</b>     |    |
- 4** Describe in Part XIII the intended uses of the organization's endowment funds

**Part VI Land, Buildings, and Equipment.**

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

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
<b>1a</b> Land . . . . .	0	5,878,776		5,878,776
<b>b</b> Buildings . . . . .	0	127,119,937	72,386,983	54,732,954
<b>c</b> Leasehold improvements	0	0	0	0
<b>d</b> Equipment . . . . .	0	34,276,472	21,331,514	12,944,958
<b>e</b> Other . . . . .	0	12,878,751	5,426,675	7,452,076
<b>Total.</b> Add lines 1a through 1e (Column (d) must equal Form 990, Part X, column (B), line 10(c)) . . . ▶				81,008,764

**Part VII Investments—Other Securities.** Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(1) Financial derivatives . . . . .	0	
(2) Closely-held equity interests . . . . .	0	
(3) Other		
See Additional Data Table (A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
<b>Total.</b> (Column (b) must equal Form 990, Part X, col (B) line 12 )	20,800,364	

**Part VIII Investments—Program Related.** Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

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

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

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

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

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
Gift Annuities	377,617
Accrued Expenses	1,244,277
Asset Retirement Obligation	1,323,933
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
<b>Total.</b> (Column (b) must equal Form 990, Part X, col (B) line 25 )	2,945,827

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

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

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

<b>1</b>	Total revenue, gains, and other support per audited financial statements . . . . .		<b>1</b>	68,978,948
<b>2</b>	Amounts included on line 1 but not on Form 990, Part VIII, line 12			
<b>a</b>	Net unrealized gains (losses) on investments . . . . .	<b>2a</b>	0	
<b>b</b>	Donated services and use of facilities . . . . .	<b>2b</b>	0	
<b>c</b>	Recoveries of prior year grants . . . . .	<b>2c</b>	0	
<b>d</b>	Other (Describe in Part XIII ) . . . . .	<b>2d</b>	0	
<b>e</b>	Add lines <b>2a</b> through <b>2d</b> . . . . .		<b>2e</b>	0
<b>3</b>	Subtract line <b>2e</b> from line <b>1</b> . . . . .		<b>3</b>	68,978,948
<b>4</b>	Amounts included on Form 990, Part VIII, line 12, but not on line <b>1</b>			
<b>a</b>	Investment expenses not included on Form 990, Part VIII, line 7b . . . . .	<b>4a</b>	0	
<b>b</b>	Other (Describe in Part XIII ) . . . . .	<b>4b</b>	6,972,922	
<b>c</b>	Add lines <b>4a</b> and <b>4b</b> . . . . .		<b>4c</b>	6,972,922
<b>5</b>	Total revenue Add lines <b>3</b> and <b>4c</b> . (This must equal Form 990, Part I, line 12 ) . . . . .		<b>5</b>	75,951,870

**Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.**

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

<b>1</b>	Total expenses and losses per audited financial statements . . . . .		<b>1</b>	59,791,334
<b>2</b>	Amounts included on line 1 but not on Form 990, Part IX, line 25			
<b>a</b>	Donated services and use of facilities . . . . .	<b>2a</b>	0	
<b>b</b>	Prior year adjustments . . . . .	<b>2b</b>	0	
<b>c</b>	Other losses . . . . .	<b>2c</b>	0	
<b>d</b>	Other (Describe in Part XIII ) . . . . .	<b>2d</b>	0	
<b>e</b>	Add lines <b>2a</b> through <b>2d</b> . . . . .		<b>2e</b>	0
<b>3</b>	Subtract line <b>2e</b> from line <b>1</b> . . . . .		<b>3</b>	59,791,334
<b>4</b>	Amounts included on Form 990, Part IX, line 25, but not on line <b>1</b> :			
<b>a</b>	Investment expenses not included on Form 990, Part VIII, line 7b . . . . .	<b>4a</b>	0	
<b>b</b>	Other (Describe in Part XIII ) . . . . .	<b>4b</b>	7,466,050	
<b>c</b>	Add lines <b>4a</b> and <b>4b</b> . . . . .		<b>4c</b>	7,466,050
<b>5</b>	Total expenses Add lines <b>3</b> and <b>4c</b> . (This must equal Form 990, Part I, line 18 ) . . . . .		<b>5</b>	67,257,384

**Part XIII Supplemental Information**

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

Return Reference	Explanation
See Additional Data Table	

**Part XIII** Supplemental Information *(continued)*

Return Reference	Explanation



## Additional Data

**Software ID:** 17005980

**Software Version:** v1.00

**EIN:** 38-2410852

**Name:** KETTERING UNIVERSITY

### Form 990, Schedule D, Part VII - Investments Other Securities

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(A) Acadian Global Managed Volatility Equity	4,269,810	F
(A) ArcLight Energy Partners VI	1,677,306	F
(B) Arrowgrass International Fund Ltd	4,366,166	F
(C) Columbia Capital Equity Partners VI	912,685	F
(D) EnCap Energy Cap Fund	140,855	F
(E) Henderson Park Real Estate Fund I	814,876	F
(F) Oak Hill Capital Partners IV	661,604	F
(G) Oak Hill Strategic Credit Fund II	113,734	F
(H) Parametric Defensive Equity Fund LLC	4,356,036	F
(I) Walton Street RE Fund VIII, L P	717,827	F

**Form 990, Schedule D, Part VII - Investments Other Securities**

<b>(a)</b> Description of security or category (including name of security)	<b>(b)</b> Book value	<b>(c)</b> Method of valuation Cost or end-of-year market value
(K) Warburg Pincus Private Equity XII, L P	1,171,946	F
(A) WCP Real Estate Fund IV, L P	1,597,519	F

## Supplemental Information

Return Reference	Explanation
Schedule D, Part III, Line 1	The University holds an historical collection with an approximate value of \$1,200,000 that has not been capitalized, as any proceeds from the sales would be reinvested in the collection

## Supplemental Information

Return Reference	Explanation
Schedule D, Part III, Line 4	<p>Since 1973, GMI and Kettering Alumni have assisted in creating one of the largest automotive archives in the country that attracts researchers from around the globe. They assisted the University in receiving the Charles Kettering Collection, which attracts many researchers with its hundreds of patents and documents related to gasoline, Freon, jet fuel, and fast drying paint, to name only a few subject areas. The Frigidaire Collection, another General Motors Division, showcases the advancement of refrigeration in the 20th century and highlights the advancement of technology in the home. Alumni also assisted us in getting the photograph collection of AC Spark Plug donated, and estimated collection of 40,000 negatives.</p>

## Supplemental Information

Return Reference	Explanation
Schedule D, Part V, Line 4	The Kettering University Endowment Fund is used for a variety of purposes including Schola rships, Instructional Chairs and support of specific programs

## Supplemental Information

Return Reference	Explanation
Schedule D, Part XI, Line 4b	Grant and Scholarship assistance of \$3,433,175 netted with tuition revenue in audited financials plus realized gains on investments of \$3,539,747

## Supplemental Information

Return Reference	Explanation
Schedule D, Part XII, Line 4b	Depreciation, Amortization and Accretion expense of \$4,032,875, Grants and Scholarships expense netted with tuition revenue \$3,433,175

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

# Schools

OMB No 1545-0047

## 2017

**Open to Public Inspection**

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 13, or Form 990-EZ, Part VI, line 48.**  
▶ **Attach to Form 990 or Form 990-EZ.**

▶ **Information about Schedule E (Form 990 or 990-EZ) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).**

Department of the Treasury  
Name of the organization  
KETTERING UNIVERSITY

**Employer identification number**  
38-2410852

**Part I**

	YES	NO
<b>1</b> Does the organization have a racially nondiscriminatory policy toward students by statement in its charter, bylaws, other governing instrument, or in a resolution of its governing body?	Yes	
<b>2</b> Does the organization include a statement of its racially nondiscriminatory policy toward students in all its brochures, catalogues, and other written communications with the public dealing with student admissions, programs, and scholarships?	Yes	
<b>3</b> Has the organization publicized its racially nondiscriminatory policy through newspaper or broadcast media during the period of solicitation for students, or during the registration period if it has no solicitation program, in a way that makes the policy known to all parts of the general community it serves? If "Yes," please describe. If "No," please explain. If you need more space use Part II.	Yes	
<b>4</b> Does the organization maintain the following? <b>a</b> Records indicating the racial composition of the student body, faculty, and administrative staff? <b>b</b> Records documenting that scholarships and other financial assistance are awarded on a racially nondiscriminatory basis? <b>c</b> Copies of all catalogues, brochures, announcements, and other written communications to the public dealing with student admissions, programs, and scholarships? <b>d</b> Copies of all material used by the organization or on its behalf to solicit contributions? If you answered "No" to any of the above, please explain. If you need more space, use Part II.	Yes	
<b>5</b> Does the organization discriminate by race in any way with respect to: <b>a</b> Students' rights or privileges? <b>b</b> Admissions policies? <b>c</b> Employment of faculty or administrative staff? <b>d</b> Scholarships or other financial assistance? <b>e</b> Educational policies? <b>f</b> Use of facilities? <b>g</b> Athletic programs? <b>h</b> Other extracurricular activities? If you answered "Yes" to any of the above, please explain. If you need more space, use Part II.		No
<b>6a</b> Does the organization receive any financial aid or assistance from a governmental agency? <b>b</b> Has the organization's right to such aid ever been revoked or suspended? If you answered "Yes" to either line 6a or line 6b, explain on Part II.	Yes	No
<b>7</b> Does the organization certify that it has complied with the applicable requirements of sections 4 01 through 4 05 of Rev Proc 75-50, 1975-2 C B 587, covering racial nondiscrimination? If "No," explain on Part II.	Yes	



**Part II Supplemental Information.** Provide the explanations required by Part I, lines 3, 4d, 5h, 6b, and 7, as applicable. Also provide any other additional information (see instructions).

Return Reference	Explanation
Schedule E, Part I, Line 3	In public relations releases and interviews with the media, the policy of nondiscrimination is made clear. All published recruiting materials for both students and employees carry a statement which declares the institution's policy of discrimination.
Schedule E, Part I, Line 6	Kettering University receives multiple state and federal grants.

**SCHEDULE F  
(Form 990)**  
  
Department of the Treasury  
Internal Revenue Service

# Statement of Activities Outside the United States

▶ Complete if the organization answered "Yes" to Form 990, Part IV, line 14b, 15, or 16.  
▶ Attach to Form 990.  
▶ Information about Schedule F (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047  
**2017**  
**Open to Public Inspection**

Name of the organization  
KETTERING UNIVERSITY

**Employer identification number**  
38-2410852

**Part I** **General Information on Activities Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 14b.

**1 For grantmakers.** Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance?  Yes  No

**2 For grantmakers.** Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States

**3** Activities per Region (The following Part I, line 3 table can be duplicated if additional space is needed )

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in region	(d) Activities conducted in region (by type) (e g , fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for and investments in region
See Add'l Data					
<b>3a</b> Sub-total					
<b>b</b> Total from continuation sheets to Part I					
<b>c Totals</b> (add lines 3a and 3b)	0	2			5,228,342

**Part II Grants and Other Assistance to Organizations or Entities Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 15, for any recipient who received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)

- 2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax-exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter . . . . . ▶ \_\_\_\_\_
- 3 Enter total number of other organizations or entities . . . . . ▶ \_\_\_\_\_

**Part III Grants and Other Assistance to Individuals Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 16.

Part III can be duplicated if additional space is needed.

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

**Part IV Foreign Forms**

- 1 Was the organization a U S transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U S Transferor of Property to a Foreign Corporation (see Instructions for Form 926)*  Yes  No
- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return to Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U S Owner (see Instructions for Forms 3520 and 3520-A, do not file with Form 990)*  Yes  No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U S Persons with Respect to Certain Foreign Corporations (see Instructions for Form 5471)*  Yes  No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)*  Yes  No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U S Persons with Respect to Certain Foreign Partnerships (see Instructions for Form 8865)*  Yes  No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713, do not file with Form 990)*  Yes  No

**Part V Supplemental Information**

Provide the information required by Part I, line 2 (monitoring of funds); Part I, line 3, column (f) (accounting method; amounts of investments vs. expenditures per region); Part II, line 1 (accounting method); Part III (accounting method); and Part III, column (c) (estimated number of recipients), as applicable. Also complete this part to provide any additional information (see instructions).

ReturnReference	Explanation

## Additional Data

**Software ID:** 17005980

**Software Version:** v1.00

**EIN:** 38-2410852

**Name:** KETTERING UNIVERSITY

### Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Central America and the Caribbean	0	0	Investments		4,366,166
Europe (including Iceland and Greenland)	0	0	Investments		814,876

**Form 990 Schedule F Part I - Activities Outside The United States**

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Europe (including Iceland and Greenland)	0	1	Program Services	Online instructor	42,300
South Asia	0	1	Program Services	Recruiting services	5,000



**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" on 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.

▶ Information about Schedule G (Form 990 or 990-EZ) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047

**2017**

**Open to Public Inspection**

Name of the organization  
KETTERING UNIVERSITY

**Employer identification number**  
38-2410852

**Part I Fundraising Activities.** Complete if the organization answered "Yes" on Form 990, Part IV, line 17. Form 990-EZ filers are not required to complete this part.

- 1** Indicate whether the organization raised funds through any of the following activities. Check all that apply.
- a**  Mail solicitations
  - b**  Internet and email 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

(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			
Ruffalo Noel Levitz 1025 Kirkwood Parkway  Cedar Rapids, IA 52404	Phone Solicitation		No	97,788	102,349	-4,561
<b>Total</b>				97,788	102,349	-4,561

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

.....  
All States  
.....

**Part II Fundraising Events.** Complete if the organization answered "Yes" on Form 990, Part IV, line 18, or reported more than \$15,000 of fundraising event contributions and gross income on Form 990-EZ, lines 1 and 6b. List events with gross receipts greater than \$5,000.

		(a) Event #1	(b) Event #2	(c) Other events	(d)
		(event type)	(event type)	(total number)	Total events (add col (a) through col (c))
<b>Revenue</b>	<b>1</b> Gross receipts . . . . .				
	<b>2</b> Less Contributions . . . . .				
	<b>3</b> Gross income (line 1 minus line 2) . . . . .				
<b>Direct Expenses</b>	<b>4</b> Cash prizes . . . . .				
	<b>5</b> Noncash prizes . . . . .				
	<b>6</b> Rent/facility costs . . . . .				
	<b>7</b> Food and beverages . . . . .				
	<b>8</b> Entertainment . . . . .				
	<b>9</b> Other direct expenses . . . . .				
	<b>10</b> Direct expense summary Add lines 4 through 9 in column (d) . . . . . ▶				
	<b>11</b> Net income summary Subtract line 10 from line 3, column (d) . . . . . ▶				

**Part III Gaming.** Complete if the organization answered "Yes" on 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))
		<b>1</b> Gross revenue . . . . .			
<b>Direct Expenses</b>	<b>2</b> Cash prizes . . . . .				
	<b>3</b> Noncash prizes . . . . .				
	<b>4</b> Rent/facility costs . . . . .				
	<b>5</b> Other direct expenses . . . . .				
	<b>6</b> 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	
	<b>7</b> Direct expense summary Add lines 2 through 5 in column (d) . . . . . ▶				
	<b>8</b> Net gaming income summary Subtract line 7 from line 1, column (d) . . . . . ▶				

**9** Enter the state(s) in which the organization conducts gaming activities \_\_\_\_\_

**a** Is the organization licensed to conduct 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 conduct 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 conducted in
 

<b>a</b>	The organization's facility	%
<b>b</b>	An outside facility	%

**14** Enter 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 of the third party

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 Supplemental Information.** Provide the explanations required by Part I, line 2b, columns (iii) and (v); and Part III, lines 9, 9b, 10b, 15b, 15c, 16, and 17b, as applicable. Also provide any additional information (see instructions).

Return Reference	Explanation
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**Schedule I  
(Form 990)**

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

OMB No 1545-0047

**2017**

**Open to Public  
Inspection**

Department of the  
Treasury  
Internal Revenue Service

Complete if the organization answered "Yes," on Form 990, Part IV, line 21 or 22.  
▶ Attach to Form 990.  
▶ Information about Schedule I (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

Name of the organization  
KETTERING UNIVERSITY

Employer identification number  
38-2410852

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

(a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1)							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							

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

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

Part III can be duplicated if additional space is needed

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of noncash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash assistance
(1) SEOG Financial Aid	208	285,008	0		
(2) Donor Restricted Annual Scholarships	211	1,734,917			
(3) Endowed Scholarships	490	1,413,250			
(3)					
(4)					
(5)					
(6)					
(7)					

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

Return Reference	Explanation
Schedule I, Part I, Line 2	The grants are distributed to the student accounts as payments to offset tuition costs

**Schedule J**  
(Form 990)

**Compensation Information**

OMB No 1545-0047

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees  
 ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23.  
 ▶ Attach to Form 990.  
 ▶ Information about Schedule J (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

**2017**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
KETTERING UNIVERSITY

Employer identification number

38-2410852

**Part I Questions Regarding Compensation**

	Yes	No
<p><b>1a</b> Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.</p> <p> <input type="checkbox"/> First-class or charter travel  <input checked="" type="checkbox"/> Travel for companions  <input checked="" type="checkbox"/> Tax indemnification and gross-up payments  <input type="checkbox"/> Discretionary spending account                 </p> <p> <input checked="" type="checkbox"/> Housing allowance or residence for personal use  <input type="checkbox"/> Payments for business use of personal residence  <input type="checkbox"/> Health or social club dues or initiation fees  <input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)                 </p>		
<p><b>b</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 of the expenses described above? If "No," complete Part III to explain.</p>	1b Yes	
<p><b>2</b> Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked in line 1a?</p>	2 Yes	
<p><b>3</b> Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.</p> <p> <input type="checkbox"/> Compensation committee  <input checked="" type="checkbox"/> Independent compensation consultant  <input type="checkbox"/> Form 990 of other organizations                 </p> <p> <input checked="" type="checkbox"/> Written employment contract  <input checked="" type="checkbox"/> Compensation survey or study  <input checked="" type="checkbox"/> Approval by the board or compensation committee                 </p>		
<p><b>4</b> During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:</p> <p><b>a</b> Receive a severance payment or change-of-control payment?</p> <p><b>b</b> Participate in, or receive payment from, a supplemental nonqualified retirement plan?</p> <p><b>c</b> Participate in, or receive payment from, an equity-based compensation arrangement?</p> <p>If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.</p>	4a No 4b No 4c No	
<p><b>Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.</b></p>		
<p><b>5</b> For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:</p> <p><b>a</b> The organization?</p> <p><b>b</b> Any related organization?</p> <p>If "Yes," on line 5a or 5b, describe in Part III.</p>	5a No 5b No	
<p><b>6</b> For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:</p> <p><b>a</b> The organization?</p> <p><b>b</b> Any related organization?</p> <p>If "Yes," on line 6a or 6b, describe in Part III.</p>	6a No 6b No	
<p><b>7</b> For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described in lines 5 and 6? If "Yes," describe in Part III.</p>	7 Yes	
<p><b>8</b> Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III.</p>	8 No	
<p><b>9</b> If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?</p>	9	

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

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

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

(A) Name and Title	(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
	(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
See Additional Data Table							

**Part III Supplemental Information**

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

Return Reference	Explanation
Schedule J, Part I, Line 1a	Residence is provided to President in which he is required by the Board of Trustees to reside as a condition of employment
Schedule J, Part I, Line 7	Performance based bonuses paid to employees as listed in Schedule J, Part II, Column B(ii)
Schedule J, Part II	Schedule J, Part II, Line 1, Column B(ii) - Amount shown is a performance based bonus paid to President Robert K McMahan as solely determined by the Board of Trustees. Schedule J, Part II, Line 1, Column C - Amount shown includes \$50,000 allowance for deferred compensation that will not be received by President Robert K McMahan until a future year contingent on contractual conditions authorized by the Board of Trustees being met. Schedule J, Part II, Line 1, Column D - Non-taxable Benefits for President Robert K McMahan include \$62,154 in tuition waiver benefits provided to the employee's family members and required to be reported as a non-taxable benefit on this schedule. \$36,511 representing the estimated benefit value of the President's House in which the President is required by the Board of Trustees to reside as a condition of employment and is required to be reported as a non-taxable benefit on this schedule.





**SCHEDULE M  
(Form 990)**

**Noncash Contributions**

OMB No 1545-0047

**2017**

▶ **Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.**  
 ▶ **Attach to Form 990.**  
 ▶ **Information about Schedule M (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990)**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
KETTERING UNIVERSITY

Employer identification number  
38-2410852

**Part I Types of Property**

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art—Works of art . . . . .				
2 Art—Historical treasures . . . . .				
3 Art—Fractional interests . . . . .				
4 Books and publications . . . . .	X		10	Documentation supplied by donor
5 Clothing and household goods . . . . .				
6 Cars and other vehicles . . . . .	X	2	89,825	Documentation supplied by donor
7 Boats and planes . . . . .				
8 Intellectual property . . . . .				
9 Securities—Publicly traded . . . . .	X	23	1,864,299	Avg high and low share price on date of gift
10 Securities—Closely held stock . . . . .				
11 Securities—Partnership, LLC, or trust interests . . . . .				
12 Securities—Miscellaneous . . . . .				
13 Qualified conservation contribution—Historic structures . . . . .				
14 Qualified conservation contribution—Other . . . . .				
15 Real estate—Residential . . . . .				
16 Real estate—Commercial . . . . .				
17 Real estate—Other . . . . .				
18 Collectibles . . . . .				
19 Food inventory . . . . .				
20 Drugs and medical supplies . . . . .				
21 Taxidermy . . . . .				
22 Historical artifacts . . . . .				
23 Scientific specimens . . . . .				
24 Archeological artifacts . . . . .				
25 Other ▶ ( Lab Equipment )	X	3	91,815	Documentation supplied by donor
26 Other ▶ ( Trustee Travel )	X	13	14,248	Documentation supplied by donor
27 Other ▶ ( _____ )				
28 Other ▶ ( _____ )				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement **29** 0

	Yes	No
30a During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which is not required to be used for exempt purposes for the entire holding period?		No
b If "Yes," describe the arrangement in Part II		
31 Does the organization have a gift acceptance policy that requires the review of any nonstandard contributions?	Yes	
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?		No
b If "Yes," describe in Part II		
33 If the organization did not report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II		

**Part II** **Supplemental Information.**

Provide the information required by Part I, lines 30b, 32b, and 33, and whether the organization is reporting in Part I, column (b), the number of contributions, the number of items received, or a combination of both. Also complete this part for any additional information.

Return Reference

Explanation

**SCHEDULE O**  
(Form 990 or 990-EZ)**Supplemental Information to Form 990 or 990-EZ**

Complete to provide information for responses to specific questions on Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

**2017****Open to Public Inspection**

Department of the Treasury

Internal Revenue Service

Name of the organization

KETTERING UNIVERSITY

Employer identification number

38-2410852

**990 Schedule O, Supplemental Information**

Return Reference	Explanation
Form 990, Part VI, Section B, Line 11b	Kettering University reviews the form with the Committee for Audit and Compliance and provides an electronic copy to all Board of Trustees members prior to filing the form 990

# 990 Schedule O, Supplemental Information

Return Reference	Explanation
Form 990, Part VI, Section B, Line 12c	Annual conflict of interest policy is distributed annually and required to be signed by all I Reviewed by HR (faculty and staff) and President's Office (trustees)

## 990 Schedule O, Supplemental Information

Return Reference	Explanation
Form 990, Part VI, Section B, Line 15	Board of Trustees hired a search firm to conduct the Presidential search. Benchmarking and market data was used to determine compensation package offered and contract renewals. All increases to compensation are reviewed and approved by the executive committee of the Board.

## 990 Schedule O, Supplemental Information

Return Reference	Explanation
Form 990, Part VI, Section C, Line 19	Kettering University's governing documents, conflict of interest policy (code of ethics) and financial statements are available on its website <a href="http://www.kettering.edu">www.kettering.edu</a> for public inspection as well as available in hard copy form in the Office of Administration and Finance as well as upon request

**990 Schedule O, Supplemental Information**

<b>Return Reference</b>	<b>Explanation</b>
Form 990, Part IX, Line 11g	Contracted Services \$5,978,809, Kettering University online service firm \$1,940,256, Misc \$92,641



## 990 Schedule O, Supplemental Information

Return Reference	Explanation
Form 990, Part XI, Line 9	Change in fair value - Beneficial Interest Trusts