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Extended to May 15, 2018

Form **990-PF**

Department of the Treasury Internal Revenue Service

Return of Private Foundation

or Section 4947(a)(1) Trust Treated as Private Foundation

▶ Do not enter social security numbers on this form as it may be made public.

▶ Information about Form 990-PF and its separate instructions is at www.irs.gov/form990pf.

1706

OMB No 1545-0052

2016

Open to Public Inspection

For calendar year 2016 or tax year beginning JUL 1, 2016 , and ending JUN 30, 2017

Name of foundation	A Employer identification number
THE WILLIAM R KENAN JR FUND FOR ENGINEERING, TECHNOLOGY AND SCIENCE	56-1761145
Number and street (or P O box number if mail is not delivered to street address): P O BOX 4150 — Room/suite:	B Telephone number: 919-962-8150
City or town, state or province, country, and ZIP or foreign postal code: CHAPEL HILL, NC 27515-4150	C If exemption application is pending, check here ▶ ☐

G Check all that apply: ☐ Initial return ☐ Initial return of a former public charity ☐ Final return ☐ Amended return ☐ Address change ☐ Name change

D 1. Foreign organizations, check here ▶ ☐

2. Foreign organizations meeting the 85% test, check here and attach computation ▶ ☐

H Check type of organization: [X] Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation

E If private foundation status was terminated under section 507(b)(1)(A), check here ▶ ☐

I Fair market value of all assets at end of year (from Part II, col (c), line 16) ▶$ 31556683.

J Accounting method: [X] Cash ☐ Accrual ☐ Other (specify) (Part I, column (d) must be on cash basis)

F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here ▶ ☐

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a))

		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
Revenue	1 Contributions, gifts, grants, etc., received			N/A	
	2 Check ▶ [X] if the foundation is not required to attach Sch B				
	3 Interest on savings and temporary cash investments	7642.	7642.		Statement 1
	4 Dividends and interest from securities	644271.	644271.		Statement 2
	5a Gross rents				
	b Net rental income or (loss)				
	6a Net gain or (loss) from sale of assets not on line 10	528617.			
	b Gross sales price for all assets on line 6a 1938659.				
	7 Capital gain net income (from Part IV, line 2)		528617.		
	8 Net short-term capital gain				
	9 Income modifications				
	10a Gross sales less returns and allowances				
	b Less Cost of goods sold				
	c Gross profit or (loss)				
	11 Other income	2724.	2724.		Statement 3
	12 Total. Add lines 1 through 11	1183254.	1183254.		
Operating and Administrative Expenses	13 Compensation of officers, directors, trustees, etc	0.	0.		0.
	14 Other employee salaries and wages				
	15 Pension plans, employee benefits				
	16a Legal fees				
	b Accounting fees Stmt 4	16092.	3360.		12732.
	c Other professional fees Stmt 5	68745.	68745.		0.
	17 Interest	11.	11.		0.
	18 Taxes Stmt 6	20858.	25858.		0.
	19 Depreciation and depletion				
	20 Occupancy				
	21 Travel, conferences, and meetings	538.	0.		538.
	22 Printing and publications				
	23 Other expenses Stmt 7	96313.	10710.		85603.
	24 Total operating and administrative expenses. Add lines 13 through 23	202557.	108684.		98873.
	25 Contributions, gifts, grants paid	1390000.			1390000.
	26 Total expenses and disbursements. Add lines 24 and 25	1592557.	108684.		1488873.
	27 Subtract line 26 from line 12:				
	a Excess of revenue over expenses and disbursements	-409303.			
	b Net investment income (if negative, enter -0-)		1074570.		
	c Adjusted net income (if negative, enter -0-)			N/A	

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623501 11-23-16 LHA For Paperwork Reduction Act Notice, see instructions. Form **990-PF** (2016)

14101206 794104 WTKETS97 2016.05000 THE WILLIAM R KENAN JR FUND WTKETS91

Part II Balance Sheets Attached schedules and amounts in the description column should be for end-of-year amounts only

	Beginning of year (a) Book Value	End of year (b) Book Value	(c) Fair Market Value
Assets			
1 Cash - non-interest-bearing	16770.	25183.	25183.
2 Savings and temporary cash investments	782782.	1186132.	1186132.
3 Accounts receivable ▶			
Less: allowance for doubtful accounts ▶			
4 Pledges receivable ▶			
Less: allowance for doubtful accounts ▶			
5 Grants receivable			
6 Receivables due from officers, directors, trustees, and other disqualified persons			
7 Other notes and loans receivable ▶			
Less: allowance for doubtful accounts ▶			
8 Inventories for sale or use			
9 Prepaid expenses and deferred charges			
10a Investments - U.S. and state government obligations			
b Investments - corporate stock Stmt 10	14652651.	14201844.	23084476.
c Investments - corporate bonds			
11 Investments - land, buildings, and equipment basis ▶			
Less accumulated depreciation ▶			
12 Investments - mortgage loans			
13 Investments - other Stmt 11	7895065.	7527222.	7260892.
14 Land, buildings, and equipment basis ▶			
Less accumulated depreciation ▶			
15 Other assets (describe ▶)			
16 **Total assets** (to be completed by all filers - see the instructions. Also, see page 1, item I)	23347268.	22940381.	31556683.
Liabilities			
17 Accounts payable and accrued expenses			
18 Grants payable			
19 Deferred revenue			
20 Loans from officers, directors, trustees, and other disqualified persons			
21 Mortgages and other notes payable			
22 Other liabilities (describe ▶)			
23 **Total liabilities** (add lines 17 through 22)	0.	0.	
Net Assets or Fund Balances			
Foundations that follow SFAS 117, check here ▶ ☐ and complete lines 24 through 26 and lines 30 and 31.			
24 Unrestricted			
25 Temporarily restricted			
26 Permanently restricted			
Foundations that do not follow SFAS 117, check here ▶ [X] and complete lines 27 through 31.			
27 Capital stock, trust principal, or current funds	16770.	25183.	
28 Paid-in or capital surplus, or land, bldg., and equipment fund	0.	0.	
29 Retained earnings, accumulated income, endowment, or other funds	23330498.	22915198.	Statement 9
30 **Total net assets or fund balances**	23347268.	22940381.	
31 **Total liabilities and net assets/fund balances**	23347268.	22940381.	

Part III Analysis of Changes in Net Assets or Fund Balances

1 Total net assets or fund balances at beginning of year - Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return)	1	23347268.
2 Enter amount from Part I, line 27a	2	-409303.
3 Other increases not included in line 2 (itemize) ▶ See Statement 8	3	2416.
4 Add lines 1, 2, and 3	4	22940381.
5 Decreases not included in line 2 (itemize) ▶	5	0.
6 Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 30	6	22940381.

Part IV Capital Gains and Losses for Tax on Investment Income

	(a) List and describe the kind(s) of property sold (e.g., real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.)	(b) How acquired P - Purchase D - Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a	SEE STATEMENT	P		
b	DISTRIB. EXCESS BASIS AVENUE INT'L			
c	FROM JPM GROWTH DOM., LP K-1			
d	FROM AIF VII K-1			
e	Capital Gains Dividends			

	(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
a	1917110.		1495245.	421865.
b				62654.
c				4084.
d				18465.
e	21549.			21549.

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69

	(i) F.M.V. as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h))
a				421865.
b				62654.
c				4084.
d				18465.
e				21549.

2	Capital gain net income or (net capital loss) { If gain, also enter in Part I, line 7; If (loss), enter -0- in Part I, line 7 }	2	528617.
3	Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): If gain, also enter in Part I, line 8, column (c). If (loss), enter -0- in Part I, line 8	3	N/A

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income.)

If section 4940(d)(2) applies, leave this part blank.

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? ☐ Yes ☒ No

If "Yes," the foundation does not qualify under section 4940(e). Do not complete this part.

1 Enter the appropriate amount in each column for each year; see the instructions before making any entries.

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2015	1437423.	28273455.	.050840
2014	1417330.	30497537.	.046474
2013	1319896.	29112381.	.045338
2012	1208097.	26431208.	.045707
2011	1396814.	24641961.	.056684

2	**Total** of line 1, column (d)	2	.245043
3	Average distribution ratio for the 5-year base period - divide the total on line 2 by 5, or by the number of years the foundation has been in existence if less than 5 years	3	.049009
4	Enter the net value of noncharitable-use assets for 2016 from Part X, line 5	4	29761663.
5	Multiply line 4 by line 3	5	1458589.
6	Enter 1% of net investment income (1% of Part I, line 27b)	6	10746.
7	Add lines 5 and 6	7	1469335.
8	Enter qualifying distributions from Part XII, line 4	8	1488873.

If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate. See the Part VI instructions.

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948 - see instructions)

1a Exempt operating foundations described in section 4940(d)(2), check here ▶ ☐ and enter "N/A" on line 1. Date of ruling or determination letter: ____ **(attach copy of letter if necessary-see instructions)**				
b Domestic foundations that meet the section 4940(e) requirements in Part V, check here ▶ ☒ and enter 1% of Part I, line 27b			1	10746.
c All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, col. (b).				
2 Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)			2	0.
3 Add lines 1 and 2			3	10746.
4 Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)			4	0.
5 **Tax based on investment income.** Subtract line 4 from line 3. If zero or less, enter -0-			5	10746.
6 Credits/Payments:				
a 2016 estimated tax payments and 2015 overpayment credited to 2016	6a	16975.		
b Exempt foreign organizations - tax withheld at source	6b			
c Tax paid with application for extension of time to file (Form 8868)	6c			
d Backup withholding erroneously withheld	6d			
7 Total credits and payments. Add lines 6a through 6d			7	16975.
8 Enter any **penalty** for underpayment of estimated tax. Check here ☒ if Form 2220 is attached			8	
9 **Tax due.** If the total of lines 5 and 8 is more than line 7, enter **amount owed** ▶			9	
10 **Overpayment.** If line 7 is more than the total of lines 5 and 8, enter the **amount overpaid** ▶			10	6229.
11 Enter the amount of line 10 to be: **Credited to 2017 estimated tax** ▶		6229. **Refunded** ▶	11	0.

Part VII-A Statements Regarding Activities

		Yes	No
1a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?	1a		X
b Did it spend more than $100 during the year (either directly or indirectly) for political purposes (see instructions for the definition)? *If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities*	1b		X
c Did the foundation file **Form 1120-POL** for this year?	1c		X
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year: **(1)** On the foundation. ▶ $ 0. **(2)** On foundation managers. ▶ $ 0.			
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers. ▶ $ 0.			
2 Has the foundation engaged in any activities that have not previously been reported to the IRS? *If "Yes," attach a detailed description of the activities*	2		X
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? *If "Yes," attach a conformed copy of the changes*	3		X
4a Did the foundation have unrelated business gross income of $1,000 or more during the year?	4a		X
b If "Yes," has it filed a tax return on **Form 990-T** for this year? N/A	4b		
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? *If "Yes," attach the statement required by General Instruction T*	5		X
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either: ● By language in the governing instrument, or ● By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	6	X	
7 Did the foundation have at least $5,000 in assets at any time during the year? *If "Yes," complete Part II, col (c), and Part XV*	7	X	
8a Enter the states to which the foundation reports or with which it is registered (see instructions) ▶ NC			
b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by *General Instruction G? If "No," attach explanation*	8b	X	
9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2016 or the taxable year beginning in 2016 (see instructions for Part XIV)? *If "Yes," complete Part XIV*	9		X
10 Did any persons become substantial contributors during the tax year? *If "Yes," attach a schedule listing their names and addresses*	10		X

Part VII-A Statements Regarding Activities *(continued)*

			Yes	No
11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions)	11		X
12	Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions)	12		X
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application?	13	X	

Website address ▶ N/A

14 The books are in care of ▶ STEVEN R. ARMSTRONG Telephone no. ▶ 919-967-0618

Located at ▶ STE 525, 100 EUROPA DRIVE, CHAPEL HILL, NC ZIP+4 ▶ 27514

15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of **Form 1041** - Check here ▶ ☐

and enter the amount of tax-exempt interest received or accrued during the year ▶ 15 N/A

			Yes	No
16	At any time during calendar year 2016, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country?	16		X
	See the instructions for exceptions and filing requirements for FinCEN Form 114. If "Yes," enter the name of the foreign country ▶			

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

			Yes	No
1a	During the year did the foundation (either directly or indirectly):			
	(1) Engage in the sale or exchange, or leasing of property with a disqualified person? ☐ Yes ☒ No			
	(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person? ☐ Yes ☒ No			
	(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person? ☐ Yes ☒ No			
	(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person? ☐ Yes ☒ No			
	(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)? ☐ Yes ☒ No			
	(6) Agree to pay money or property to a government official? (**Exception.** Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days.) ☐ Yes ☒ No			
b	If any answer is "Yes" to 1a(1)-(6), did **any** of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see instructions)? N/A	1b		
	Organizations relying on a current notice regarding disaster assistance check here ▶ ☐			
c	Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2016?	1c		X
2	Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):			
a	At the end of tax year 2016, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2016? ☐ Yes ☒ No			
	If "Yes," list the years ▶ ____, ____, ____, ____			
b	Are there any years listed in 2a for which the foundation is **not** applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to **all** years listed, answer "No" and attach statement - see instructions.) N/A	2b		
c	If the provisions of section 4942(a)(2) are being applied to **any** of the years listed in 2a, list the years here. ▶ ____, ____, ____, ____			
3a	Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year? ☐ Yes ☒ No			
b	If "Yes," did it have excess business holdings in 2016 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969; (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest; or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? *(Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2016.)* N/A	3b		
4a	Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?	4a		X
b	Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2016?	4b		X

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required *(continued)*

5a During the year did the foundation pay or incur any amount to:

(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? ☐ Yes ☒ No

(2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive? ☐ Yes ☒ No

(3) Provide a grant to an individual for travel, study, or other similar purposes? ☐ Yes ☒ No

(4) Provide a grant to an organization other than a charitable, etc., organization described in section 4945(d)(4)(A)? (see instructions) ☐ Yes ☒ No

(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? ☐ Yes ☒ No

b If any answer is "Yes" to 5a(1)-(5), did **any** of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)? N/A | **5b** |

Organizations relying on a current notice regarding disaster assistance check here ▶ ☐

c If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? N/A ☐ Yes ☐ No

If "Yes," attach the statement required by Regulations section 53 4945-5(d)

6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? ☐ Yes ☒ No

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? | **6b** | | X (No)

If "Yes" to 6b, file Form 8870

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? ☐ Yes ☒ No

b If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction? N/A | **7b** |

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors

1 List all officers, directors, trustees, foundation managers and their compensation.

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
See Statement 12		0.	0.	0.

2 Compensation of five highest-paid employees (other than those included on line 1). If none, enter "NONE."

(a) Name and address of each employee paid more than $50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
NONE				

Total number of other employees paid over $50,000 ▶ 0

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Part VIII **Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors** *(continued)*

3 Five highest-paid independent contractors for professional services. If none, enter "NONE."

(a) Name and address of each person paid more than $50,000	(b) Type of service	(c) Compensation
NONE		
Total number of others receiving over $50,000 for professional services ▶		0

Part IX-A **Summary of Direct Charitable Activities**

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.	Expenses
1 N/A	
2	
3	
4	

Part IX-B **Summary of Program-Related Investments**

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2.	Amount
1 N/A	
2	
All other program-related investments. See instructions.	
3	
Total. Add lines 1 through 3 ▶	0.

Part X Minimum Investment Return (All domestic foundations must complete this part Foreign foundations, see instructions.)

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes:		
a	Average monthly fair market value of securities	1a	29653719.
b	Average of monthly cash balances	1b	561167.
c	Fair market value of all other assets	1c	
d	**Total** (add lines 1a, b, and c)	1d	30214886.
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation) — 1e: 0.		
2	Acquisition indebtedness applicable to line 1 assets	2	0.
3	Subtract line 2 from line 1d	3	30214886.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	453223.
5	**Net value of noncharitable-use assets.** Subtract line 4 from line 3. Enter here and on Part V, line 4	5	29761663.
6	**Minimum investment return.** Enter 5% of line 5	6	1488083.

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here ▶ ☐ and do not complete this part.)

1	Minimum investment return from Part X, line 6	1	1488083.
2a	Tax on investment income for 2016 from Part VI, line 5 — 2a: 10746.		
b	Income tax for 2016. (This does not include the tax from Part VI.) — 2b:		
c	Add lines 2a and 2b	2c	10746.
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	1477337.
4	Recoveries of amounts treated as qualifying distributions	4	0.
5	Add lines 3 and 4	5	1477337.
6	Deduction from distributable amount (see instructions)	6	0.
7	**Distributable amount** as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1	7	1477337.

Part XII Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:		
a	Expenses, contributions, gifts, etc. - total from Part I, column (d), line 26	1a	1488873.
b	Program-related investments - total from Part IX-B	1b	0.
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2	
3	Amounts set aside for specific charitable projects that satisfy the:		
a	Suitability test (prior IRS approval required)	3a	
b	Cash distribution test (attach the required schedule)	3b	
4	**Qualifying distributions.** Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	4	1488873.
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b	5	10746.
6	**Adjusted qualifying distributions.** Subtract line 5 from line 4	6	1478127.

Note: The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2015	(c) 2015	(d) 2016
1 Distributable amount for 2016 from Part XI, line 7				1477337.
2 Undistributed income, if any, as of the end of 2016				
a Enter amount for 2015 only			0.	
b Total for prior years: ______ , ______ , ______		0.		
3 Excess distributions carryover, if any, to 2016:				
a From 2011 91038.				
b From 2012				
c From 2013				
d From 2014				
e From 2015 36404.				
f **Total** of lines 3a through e	127442.			
4 Qualifying distributions for 2016 from Part XII, line 4: ▶ $ 1488873.				
a Applied to 2015, but not more than line 2a			0.	
b Applied to undistributed income of prior years (Election required - see instructions)		0.		
c Treated as distributions out of corpus (Election required - see instructions)	0.			
d Applied to 2016 distributable amount				1477337.
e Remaining amount distributed out of corpus	11536.			
5 Excess distributions carryover applied to 2016 (If an amount appears in column (d), the same amount must be shown in column (a).)	0.			0.
6 **Enter the net total of each column as indicated below:**				
a Corpus Add lines 3f, 4c, and 4e Subtract line 5	138978.			
b Prior years' undistributed income. Subtract line 4b from line 2b		0.		
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed		0.		
d Subtract line 6c from line 6b. Taxable amount - see instructions		0.		
e Undistributed income for 2015. Subtract line 4a from line 2a. Taxable amount - see instr.			0.	
f Undistributed income for 2016. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2017				0.
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required - see instructions)	0.			
8 Excess distributions carryover from 2011 not applied on line 5 or line 7	91038.			
9 **Excess distributions carryover to 2017.** Subtract lines 7 and 8 from line 6a	47940.			
10 Analysis of line 9:				
a Excess from 2012				
b Excess from 2013				
c Excess from 2014				
d Excess from 2015 36404.				
e Excess from 2016 11536.				

Part XIV Private Operating Foundations (see instructions and Part VII-A, question 9) N/A

1 a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2016, enter the date of the ruling ▶

b Check box to indicate whether the foundation is a private operating foundation described in section ☐ 4942(j)(3) or ☐ 4942(j)(5)

	Tax year (a) 2016	Prior 3 years (b) 2015	(c) 2014	(d) 2013	(e) Total
2 a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed					
b 85% of line 2a					
c Qualifying distributions from Part XII, line 4 for each year listed					
d Amounts included in line 2c not used directly for active conduct of exempt activities					
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c					
3 Complete 3a, b, or c for the alternative test relied upon: a "Assets" alternative test - enter: (1) Value of all assets					
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)					
b "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed					
c "Support" alternative test - enter: (1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)					
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)					
(3) Largest amount of support from an exempt organization					
(4) Gross investment income					

Part XV Supplementary Information (Complete this part only if the foundation had $5,000 or more in assets at any time during the year-see instructions.)

1 **Information Regarding Foundation Managers:**

a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than $5,000). (See section 507(d)(2).)

None

b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest.

None

2 **Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:**

Check here ▶ ☒ if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc. (see instructions) to individuals or organizations under other conditions, complete items 2a, b, c, and d.

a The name, address, and telephone number or e-mail address of the person to whom applications should be addressed:

N/A

b The form in which applications should be submitted and information and materials they should include:

N/A

c Any submission deadlines:

N/A

d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors

N/A

Part XV Supplementary Information (continued)

3 Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient: Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
a *Paid during the year*				
NORTH CAROLINA STATE UNIVERSITY BOX 7006 RALEIGH, NC 27695-7006	NONE	PUBLIC	SUPPORT FOR THE KENAN INSTITUTE FOR ENG., TECH., AND SCIENCE	1390000.
Total			▶ 3a	1390000.
b *Approved for future payment*				
None				
Total			▶ 3b	0.

Part XVI-A Analysis of Income-Producing Activities

Enter gross amounts unless otherwise indicated.	Unrelated business income (a) Business code	(b) Amount	Excluded by section 512, 513, or 514 (c) Exclusion code	(d) Amount	(e) Related or exempt function income
1 Program service revenue:					
a					
b					
c					
d					
e					
f					
g Fees and contracts from government agencies					
2 Membership dues and assessments					
3 Interest on savings and temporary cash investments			14	7642.	
4 Dividends and interest from securities			14	644271.	
5 Net rental income or (loss) from real estate:					
a Debt-financed property					
b Not debt-financed property					
6 Net rental income or (loss) from personal property					
7 Other investment income			14	2724.	
8 Gain or (loss) from sales of assets other than inventory			18	528617.	
9 Net income or (loss) from special events					
10 Gross profit or (loss) from sales of inventory					
11 Other revenue:					
a					
b					
c					
d					
e					
12 Subtotal. Add columns (b), (d), and (e)		0.		1183254.	0.

13 Total. Add line 12, columns (b), (d), and (e) 13 1183254.

(See worksheet in line 13 instructions to verify calculations.)

Part XVI-B Relationship of Activities to the Accomplishment of Exempt Purposes

Line No. ▼	Explain below how each activity for which income is reported in column (e) of Part XVI-A contributed importantly to the accomplishment of the foundation's exempt purposes (other than by providing funds for such purposes).

Part XVII Information Regarding Transfers To and Transactions and Relationships With Noncharitable Exempt Organizations

			Yes	No
1	Did the organization directly or indirectly engage in any of the following with any other organization described in section 501(c) of the Code (other than section 501(c)(3) organizations) or in section 527, relating to political organizations?			
a	Transfers from the reporting foundation to a noncharitable exempt organization of:			
	(1) Cash	1a(1)		X
	(2) Other assets	1a(2)		X
b	Other transactions:			
	(1) Sales of assets to a noncharitable exempt organization	1b(1)		X
	(2) Purchases of assets from a noncharitable exempt organization	1b(2)		X
	(3) Rental of facilities, equipment, or other assets	1b(3)		X
	(4) Reimbursement arrangements	1b(4)		X
	(5) Loans or loan guarantees	1b(5)		X
	(6) Performance of services or membership or fundraising solicitations	1b(6)		X
c	Sharing of facilities, equipment, mailing lists, other assets, or paid employees	1c		X

d If the answer to any of the above is "Yes," complete the following schedule. Column **(b)** should always show the fair market value of the goods, other assets, or services given by the reporting foundation. If the foundation received less than fair market value in any transaction or sharing arrangement, show in column **(d)** the value of the goods, other assets, or services received.

(a) Line no	(b) Amount involved	(c) Name of noncharitable exempt organization	(d) Description of transfers, transactions, and sharing arrangements
		N/A	

2a Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) of the Code (other than section 501(c)(3)) or in section 527? ☐ Yes ☒ No

b If "Yes," complete the following schedule.

(a) Name of organization	(b) Type of organization	(c) Description of relationship
N/A		

Sign Here

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 taxpayer) is based on all information of which preparer has any knowledge

Signature of officer or trustee: [signature] Date: 1/25/18 Title: PRESIDENT

May the IRS discuss this return with the preparer shown below (see instr)? ☒ Yes ☐ No

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check ☒ if self-employed	PTIN
STEVEN R. ARMSTRONG	[signature]	1/25/18		P01366491
Firm's name ▶ STEVEN R. ARMSTRONG CPA			Firm's EIN ▶	
Firm's address ▶ STE 525, 100 EUROPA DRIVE CHAPEL HILL, NC 27514			Phone no. 919-967-0618	

Form 990-PF Interest on Savings and Temporary Cash Investments Statement 1

Source	(a) Revenue Per Books	(b) Net Investment Income	(c) Adjusted Net Income
FROM AIF VII PRIVATE INVESTORS K-1	739.	739.	
JPMORGAN CHASE BANK	6861.	6861.	
US TREASURY INTEREST ON OVERPAYMENT	42.	42.	
Total to Part I, line 3	7642.	7642.	

Form 990-PF Dividends and Interest from Securities Statement 2

Source	Gross Amount	Capital Gains Dividends	(a) Revenue Per Books	(b) Net Investment Income	(c) Adjusted Net Income
FROM AIF VII PRIVATE INVESTORS K-1	2234.	0.	2234.	2234.	
FROM JPM US RE GROWTH DOMESTIC, K-1	11343.	0.	11343.	11343.	
JPMORGAN CHASE BANK	652243.	21549.	630694.	630694.	
To Part I, line 4	665820.	21549.	644271.	644271.	

Form 990-PF Other Income Statement 3

Description	(a) Revenue Per Books	(b) Net Investment Income	(c) Adjusted Net Income
FROM AIF VII PRIVATE INVESTORS K-1	2724.	2724.	
Total to Form 990-PF, Part I, line 11	2724.	2724.	

Form 990-PF	Accounting Fees			Statement 4
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
STEVEN R. ARMSTRONG, CPA	16092.	3360.		12732.
To Form 990-PF, Pg 1, ln 16b	16092.	3360.		12732.

Form 990-PF	Other Professional Fees			Statement 5
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
JPMORGAN CHASE BANK	68745.	68745.		0.
FROM JPM RE INC/GRWTH LP	0.	0.		0.
To Form 990-PF, Pg 1, ln 16c	68745.	68745.		0.

Form 990-PF	Taxes			Statement 6
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
FEDERAL EXCISE TAX	-5000.	0.		0.
FOREIGN TAX	25858.	25858.		0.
To Form 990-PF, Pg 1, ln 18	20858.	25858.		0.

Form 990-PF	Other Expenses			Statement 7
Description	(a) Expenses Per Books	(b) Net Invest- ment Income	(c) Adjusted Net Income	(d) Charitable Purposes
ADMINISTRATIVE SERVICES	85603.	0.		85603.
OTHER PORTFOLIO EXPENSES	224.	224.		0.
FROM JPM RE GROWTH DOM., LP	9057.	9057.		0.
FROM AIF VII PRIVATE INV., LP	1429.	1429.		0.
To Form 990-PF, Pg 1, ln 23	96313.	10710.		85603.

Form 990-PF Other Increases in Net Assets or Fund Balances Statement 8

Description	Amount
NONTAXABLE DISTRIBUTIION DUE TO TAX BASIS (BOOK/TAX DIFFERENCE)	2414.
ROUNDING	2.
Total to Form 990-PF, Part III, line 3	2416.

Form 990-PF Other Funds Statement 9

Description	(A) Beginning of Year	(B) End of Year
Endowment Fund	23330498.	22915198.
Total to Form 990-PF, Part II, line 29	23330498.	22915198.

Form 990-PF Corporate Stock Statement 10

Description	Book Value	Fair Market Value
JPMORGAN EQUITIES	4335009.	6158031.
JPMORGAN LARGE CAPS	9866835.	16926445.
Total to Form 990-PF, Part II, line 10b	14201844.	23084476.

Form 990-PF Other Investments Statement 11

Description	Valuation Method	Book Value	Fair Market Value
JPMORGAN FIXED INCOME HOLDINGS	COST	4065705.	4085542.
JPMORGAN ALTERNATIVES	COST	3461517.	3175350.
Total to Form 990-PF, Part II, line 13		7527222.	7260892.

Form 990-PF Part VIII - List of Officers, Directors Trustees and Foundation Managers Statement 12

Name and Address	Title and Avrg Hrs/Wk	Compen-sation	Employee Ben Plan Contrib	Expense Account
DANIEL W DRAKE 11 FERRIS HILL ROAD NEW CANAAN, CT	CHAIRMAN/PRESIDENT 0.00	0.	0.	0.
THOMAS S KENAN III 106 LAUREL HILL CIRCLE CHAPEL HILL, NC	VICE PRESIDENT/DIRECTOR 0.00	0.	0.	0.
LIZA KENAN HOWELL 4940 BEAR VIEW DR PARK CITY, UT	DIRECTOR 0.00	0.	0.	0.
ELIZABETH PRICE KENAN P.O. BOX 4150 CHAPEL HILL, NC	DIRECTOR 0.00	0.	0.	0.
J HAYWOOD DAVIS 150 EAST 73RD STREET NEW YORK, NY	DIRECTOR 0.00	0.	0.	0.
ROBERT P. BAYNARD 345 PARK AVENUE, FLOOR 7 NEW YORK, NY	DIRECTOR 0.00	0.	0.	0.
STEVEN R ARMSTRONG 111 CHARIOT COURT CARY, NC	ASSISTANT TREASURER 0.00	0.	0.	0.
VANESSA TALBERT 5131 DAWNWOOD DRIVE MEBANE, NC	ASSISTANT SECRETARY 0.00	0.	0.	0.
Totals included on 990-PF, Page 6, Part VIII		0.	0.	0.

DETAIL OF LONG-TERM CAPITAL GAINS AND LOSSES

Capital Gain/Loss Detail	Date Acquired	Date Sold	Gross Sales Price	Cost or Other Basis	Adjustment Code(s)	Amount of Adjustment	Gain or Loss
140. APPLE COMPUTER INC	04/15/2014	05/19/2017	21,482.75	10,343.44			11,139.31
. BAXTER INTL INC		03/30/2017	14 47	NONE			14.47
1190. COCA COLA CO	01/29/2014	04/04/2017	50,677 43	45,091.72			5,585.71
260. COCA COLA CO	01/29/2014	05/19/2017	11,425 00	9,851.97			1,573 03
762.569 DODGE & INTERNATIONAL STOCK FUND	07/11/2007	04/04/2017	31,700.00	37,975.94			-6,275.94
265.203 DODGE & INTERNATIONAL STOCK FUND	07/11/2007	05/19/2017	11,600.00	13,207.11			-1,607.11
1238.274 DOUBLELINE TOTL RET BND-I	02/03/2012	04/04/2017	13,200 00	13,794 37			-594.37
438.433 DOUBLELINE TOTL RET BND-I	02/03/2012	05/19/2017	4,700 00	4,884 14			-184.14
1040. EMERSON ELEC CO	VAR	04/04/2017	62,062.74	48,552.68			13,510.06
230. EMERSON ELEC CO	08/30/2011	05/19/2017	13,708 43	10,657.44			3,050.99
150. ENBRIDGE INC	04/11/2013	05/19/2017	5,925.82	4,684 79			1,241.03
. FEDERAL NATL MTG ASSN		12/28/2016	14.96	NONE			14.96
. FEDERAL NATL MTG ASSN		02/28/2017	81.41	NONE			81 41
300 INTEL CORP	04/11/2013	05/19/2017	10,654 90	6,518.13			4,136 77
180. INTERNATIONAL BUSINESS MACHS CORP	06/25/2013	04/04/2017	31,463.03	34,922.68			-3,459 65
40. INTERNATIONAL BUSINESS MACHS CORP	06/25/2013	05/19/2017	6,088 87	7,760.60			-1,671 73
2630. INTERNATIONAL BUSINESS MACHS CORP	VAR	06/28/2017	408,392.50	484,820.90			-76,428 40
150. ISHARES RUSSELL MIDCAP INDEX FUND	03/30/2015	04/04/2017	27,906 14	26,111.25			1,794.89
50. ISHARES RUSSELL MIDCAP INDEX FUND	03/30/2015	05/19/2017	9,450 81	8,703.75			747.06
1130. JOHNSON & JOHNSON	VAR	04/04/2017	140,625.81	76,298.35			64,327 46
250. JOHNSON & JOHNSON	07/13/2010	05/19/2017	31,681.75	15,168.53			16,513.22
2640. JOHNSON & JOHNSON	VAR	06/28/2017	352,845.47	160,171.50			192,673.97
2594.502 JPMORGAN STRATEGIC INCOME OPPTYS FUND SEL	11/11/2009	04/04/2017	30,200 00	29,966.50			233.50
905.983 JPMORGAN STRATEGIC INCOME OPPTYS FUND SEL	11/11/2009	05/19/2017	10,600 00	10,464 10			135.90
1347.709 JPMORGAN HIGHYIELD BOND FUND	10/25/2007	04/04/2017	10,000.00	11,308.13			-1,308.13
466.667 JPMORGAN HIGHYIELD BOND FUND	10/25/2007	05/19/2017	3,500 00	3,915.63			-415.63
4441.367 JPMORGAN SHORT DURATION BOND FUND	02/29/2008	04/04/2017	48,100 00	48,011.18			88.82
1557.604 JPMORGAN SHORT DURATION BOND FUND	02/29/2008	05/19/2017	16,900.00	16,837.70			62 30
430. KIMBERLY CLARK CORP	08/31/2010	04/04/2017	56,795.05	26,573.62			30,221.43
90. KIMBERLY CLARK CORP	08/31/2010	05/19/2017	11,464 40	5,561.92			5,902 48
339.375 MATTHEWS PACIFIC TIGER INSTL FUND	07/06/2006	04/04/2017	8,800 00	6,810.08			1,989.92
117.734 MATTHEWS PACIFIC TIGER INSTL FUND	07/06/2006	05/19/2017	3,200.00	2,362.51			837.49
. MERCK & CO INC		02/28/2017	10.59	NONE			10.59
Totals							

JSA
XG900 3 000

DETAIL OF LONG-TERM CAPITAL GAINS AND LOSSES

Capital Gain/Loss Detail	Date Acquired	Date Sold	Gross Sales Price	Cost or Other Basis	Adjustment Code(s)	Amount of Adjustment	Gain or Loss
380 MICROSOFT CORP	06/01/2012	05/19/2017	25,790 64	10,878.98			14,911.66
1800 MICROSOFT CORP	06/01/2012	06/28/2017	125,502 27	51,532 02			73,970.25
910. PROCTER & GAMBLE CO	VAR	04/04/2017	81,748 15	57,838.75			23,909.40
200. PROCTER & GAMBLE CO	07/13/2010	05/19/2017	17,230 63	12,536.02			4,694 61
1480 846 T ROWE PRICE NEW ASIA-I	07/11/2007	04/04/2017	25,900.00	27,945.45			-2,045.45
514 905 T ROWE PRICE NEW ASIA-I	07/11/2007	05/19/2017	9,500.00	9,716.91			-216.91
320. S & P 500 DEP RCPTS	04/10/2014	04/04/2017	75,356.15	59,837.92			15,518 23
110. S & P 500 DEP RCPTS	04/10/2014	05/19/2017	26,288.48	20,569.28			5,719.20
1439.252 VANGUARD TOTAL BOND MARKET INDEX FUND-ADM	05/28/2008	04/04/2017	15,400.00	14,507.66			892.34
500.928 VANGUARD TOTAL BOND MARKET INDEX FUND-ADM	05/28/2008	05/19/2017	5,400.00	5,049.35			350.65
710. WAL MART STORES INC	08/09/2011	04/04/2017	51,114.13	35,501.77			15,612.36
160. WAL MART STORES INC	08/09/2011	05/19/2017	12,606.94	8,000.40			4,606.54
Totals			1,917,109 72	1,495,245.17			421,864.55

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