

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.
 ▶ Go to www.irs.gov/Form990PF for instructions and the latest information.

OMB No. 1545-0052
2019
Open to Public Inspection

For calendar year 2019, or tax year beginning 01-01-2019 , and ending 12-31-2019

Name of foundation KATHERYN MURPHY TUW		A Employer identification number 38-6473593	
Number and street (or P.O. box number if mail is not delivered to street address) 116 ALLEGHENY CENTER MALL P8YB3502L		B Telephone number (see instructions) (412) 762-0861	
Room/suite		C If exemption application is pending, check here <input type="checkbox"/>	
City or town, state or province, country, and ZIP or foreign postal code PITTSBURGH, PA 15212		D 1. Foreign organizations, check here..... <input type="checkbox"/> 2. Foreign organizations meeting the 85% test, check here and attach computation ... <input type="checkbox"/>	
G Check all that apply: <input type="checkbox"/> Initial return <input type="checkbox"/> Initial return of a former public charity <input type="checkbox"/> Final return <input type="checkbox"/> Amended return <input type="checkbox"/> Address change <input type="checkbox"/> Name change		E If private foundation status was terminated under section 507(b)(1)(A), check here <input type="checkbox"/>	
H Check type of organization: <input checked="" type="checkbox"/> Section 501(c)(3) exempt private foundation <input type="checkbox"/> Section 4947(a)(1) nonexempt charitable trust <input type="checkbox"/> Other taxable private foundation		F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here <input type="checkbox"/>	
I Fair market value of all assets at end of year (from Part II, col. (c), line 16) ▶ \$ <u>126,786</u>		J Accounting method: <input type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____ (Part I, column (d) must be on cash basis.)	

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) (see instructions).)		(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 (attach schedule)				
	2 Check <input checked="" type="checkbox"/> if the foundation is not required to attach Sch. B				
	3 Interest on savings and temporary cash investments				
	4 Dividends and interest from securities	3,136	3,136		
	5a Gross rents				
	b Net rental income or (loss)				
	6a Net gain or (loss) from sale of assets not on line 10	13,174			
	b Gross sales price for all assets on line 6a <u>141,767</u>				
	7 Capital gain net income (from Part IV, line 2)		13,174		
	8 Net short-term capital gain			0	
	9 Income modifications				
	10a Gross sales less returns and allowances				
b Less: Cost of goods sold					
c Gross profit or (loss) (attach schedule)					
11 Other income (attach schedule)	7				
12 Total. Add lines 1 through 11	16,317	16,310			
Operating and Administrative Expenses	13 Compensation of officers, directors, trustees, etc.	1,724	1,379		345
	14 Other employee salaries and wages		0	0	0
	15 Pension plans, employee benefits		0	0	
	16a Legal fees (attach schedule)				0
	b Accounting fees (attach schedule)				
	c Other professional fees (attach schedule)				0
	17 Interest				0
	18 Taxes (attach schedule) (see instructions)				0
	19 Depreciation (attach schedule) and depletion	0	0		
	20 Occupancy				
	21 Travel, conferences, and meetings		0	0	
	22 Printing and publications		0	0	
	23 Other expenses (attach schedule)				
	24 Total operating and administrative expenses. Add lines 13 through 23	1,724	1,379	0	345
	25 Contributions, gifts, grants paid	6,254			6,254
26 Total expenses and disbursements. Add lines 24 and 25	7,978	1,379	0	6,599	
27 Subtract line 26 from line 12:					
a Excess of revenue over expenses and disbursements	8,339				
b Net investment income (if negative, enter -0-)		14,931			
c Adjusted net income (if negative, enter -0-)			0		

Part II Balance Sheets Attached schedules and amounts in the description column should be for end-of-year amounts only. (See instructions.)		Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1 Cash—non-interest-bearing			
	2 Savings and temporary cash investments	8,300	7,055	7,055
	3 Accounts receivable ▶ _____ Less: allowance for doubtful accounts ▶ _____		0	0
	4 Pledges receivable ▶ _____ Less: allowance for doubtful accounts ▶ _____			
	5 Grants receivable			
	6 Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)			
	7 Other notes and loans receivable (attach schedule) ▶ _____ Less: allowance for doubtful accounts ▶ _____ 0			
	8 Inventories for sale or use			
	9 Prepaid expenses and deferred charges			
	10a Investments—U.S. and state government obligations (attach schedule)			
	b Investments—corporate stock (attach schedule)			
	c Investments—corporate bonds (attach schedule)			
	11 Investments—land, buildings, and equipment: basis ▶ _____ Less: accumulated depreciation (attach schedule) ▶ _____			
	12 Investments—mortgage loans			
	13 Investments—other (attach schedule)	139,393	112,611	119,731
	14 Land, buildings, and equipment: basis ▶ _____ Less: accumulated depreciation (attach schedule) ▶ _____			
15 Other assets (describe ▶ _____)				
16 Total assets (to be completed by all filers—see the instructions. Also, see page 1, item I)	147,693	119,666	126,786	
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 (attach schedule)			
	22 Other liabilities (describe ▶ _____)			
	23 Total liabilities (add lines 17 through 22)		0	
Net Assets or Fund Balances	Foundations that follow FASB ASC 958, check here ▶ <input type="checkbox"/> and complete lines 24, 25, 29 and 30.			
	24 Net assets without donor restrictions			
	25 Net assets with donor restrictions			
	Foundations that do not follow FASB ASC 958, check here ▶ <input checked="" type="checkbox"/> and complete lines 26 through 30.			
	26 Capital stock, trust principal, or current funds	146,701	119,666	
	27 Paid-in or capital surplus, or land, bldg., and equipment fund			
	28 Retained earnings, accumulated income, endowment, or other funds	992		
29 Total net assets or fund balances (see instructions)	147,693	119,666		
30 Total liabilities and net assets/fund balances (see instructions) .	147,693	119,666		

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 29 (must agree with end-of-year figure reported on prior year's return)	1	147,693
2 Enter amount from Part I, line 27a	2	8,339
3 Other increases not included in line 2 (itemize) ▶ _____	3	5,102
4 Add lines 1, 2, and 3	4	161,134
5 Decreases not included in line 2 (itemize) ▶ _____	5	41,468
6 Total net assets or fund balances at end of year (line 4 minus line 5)—Part II, column (b), line 29 .	6	119,666

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 Additional Data Table			
b			
c			
d			
e			

(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 See Additional Data Table			
b			
c			
d			
e			

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
(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	
a See Additional Data Table			
b			
c			
d			
e			

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	13,174
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) (see instructions). If (loss), enter -0- in Part I, line 8	{			3	

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 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))
2018			
2017			
2016			
2015			
2014			

2 Total of line 1, column (d)	2	
3 Average distribution ratio for the 5-year base period—divide the total on line 2 by 5.0, or by the number of years the foundation has been in existence if less than 5 years	3	
4 Enter the net value of noncharitable-use assets for 2019 from Part X, line 5	4	
5 Multiply line 4 by line 3	5	
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	
7 Add lines 5 and 6	7	
8 Enter qualifying distributions from Part XII, line 4	8	

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)

Table with 11 rows for excise tax calculation. Includes questions about exempt foundations, tax under section 511, and tax due. Total tax due is 123.

Part VII-A Statements Regarding Activities

Table with 10 rows for statements regarding activities. Includes questions about political campaigns, political expenditures, and state reporting. Includes Yes/No columns.

Part VII-A Statements Regarding Activities (continued)

Table with 3 columns: Question, Yes, No. Rows 11-16 covering questions about controlled entities, distributions, public inspection, books in care, and nonexempt trusts.

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.

Table with 3 columns: Question, Yes, No. Rows 1a-4b covering questions about disqualifying acts, taxes on failure to distribute income, and business enterprise interest.

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

3 Five highest-paid independent contractors for professional services (see instructions). 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	
2	
3	
4	

Part IX-B Summary of Program-Related Investments (see instructions)

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

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 128,315
b	Average of monthly cash balances.	1b 0
c	Fair market value of all other assets (see instructions).	1c 0
d	Total (add lines 1a, b, and c).	1d 128,315
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.	3 128,315
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions).	4 1,925
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5 126,390
6	Minimum investment return. Enter 5% of line 5.	6 6,320

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 6,320
2a	Tax on investment income for 2019 from Part VI, line 5.	2a 299
b	Income tax for 2019. (This does not include the tax from Part VI.).	2b
c	Add lines 2a and 2b.	2c 299
3	Distributable amount before adjustments. Subtract line 2c from line 1.	3 6,021
4	Recoveries of amounts treated as qualifying distributions.	4 0
5	Add lines 3 and 4.	5 6,021
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 6,021

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 6,599
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 0
3	Amounts set aside for specific charitable projects that satisfy the:	
a	Suitability test (prior IRS approval required).	3a 0
b	Cash distribution test (attach the required schedule).	3b 0
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	4 6,599
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. See instructions.	5 0
6	Adjusted qualifying distributions. Subtract line 5 from line 4.	6 6,599

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 2018	(c) 2018	(d) 2019
1 Distributable amount for 2019 from Part XI, line 7				6,021
2 Undistributed income, if any, as of the end of 2019:				
a Enter amount for 2018 only.			5,193	
b Total for prior years: 20____, 20____, 20____		0		
3 Excess distributions carryover, if any, to 2019:				
a From 2014.	0			
b From 2015.	0			
c From 2016.	0			
d From 2017.	0			
e From 2018.	0			
f Total of lines 3a through e.	0			
4 Qualifying distributions for 2019 from Part XII, line 4: ▶ \$ _____ 6,599				
a Applied to 2018, but not more than line 2a			5,193	
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 2019 distributable amount.				1,406
e Remaining amount distributed out of corpus	0			
5 Excess distributions carryover applied to 2019. (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	0			
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 2018. Subtract line 4a from line 2a. Taxable amount—see instructions			0	
f Undistributed income for 2019. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2020				4,615
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 2014 not applied on line 5 or line 7 (see instructions).	0			
9 Excess distributions carryover to 2020. Subtract lines 7 and 8 from line 6a	0			
10 Analysis of line 9:				
a Excess from 2015.	0			
b Excess from 2016.	0			
c Excess from 2017.	0			
d Excess from 2018.	0			
e Excess from 2019.	0			

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

1a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2019, enter the date of the ruling. ▶

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

	Tax year	Prior 3 years			(e) Total
	(a) 2019	(b) 2018	(c) 2017	(d) 2016	
2a 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).)

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.

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. to individuals or organizations under other conditions, complete items 2a, b, c, and d. See instructions

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

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

c Any submission deadlines:

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

Part XV **Supplementary Information** (continued)

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

Recipient	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
Name and address (home or business)				
<i>a Paid during the year</i>				
See Additional Data Table				
Total			▶ 3a	6,254
<i>b Approved for future payment</i>				
Total			▶ 3b	

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e.g., real estate, (a) 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.)
1. ISHARES TIPS BOND ETF		2016-08-25	2019-01-10
8. ISHARES CORE US AGGREGATE BOND ETF		2014-10-22	2019-01-10
1. ISHARES TR S&P 500/BARRA GROWTH INDEX FD		2018-11-28	2019-01-10
64.76 VANGUARD TOTL BD MKT IDX-ADM		2014-10-22	2019-01-10
10.294 VIRTUS SEIX FLOATING RATE HIGH INCOME FUND CLASS I		2016-08-05	2019-01-10
17.407 WESTERN ASSET CORE PLUS BOND FD CLASS I FD 287		2018-04-05	2019-01-10
2. WISDOMTREE U.S. QUALITY DIVI ETF		2018-04-05	2019-01-10
82.13 CAMBIAR INTL EQUITY FUND-INS		2018-09-26	2019-03-07
39.742 BAIRD MIDCAP INST			2019-03-07
21.85 BAIRD MIDCAP INST		2016-04-06	2019-03-07

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(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)
110		116	-6
852		884	-32
154		162	-8
676		707	-31
87		88	-1
197		201	-4
78		82	-4
2,051		2,282	-231
804		786	18
442		331	111

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
(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	
			-6
			-32
			-8
			-31
			-1
			-4
			-4
			-231
			18
			111

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e.g., real estate, (a) 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.)
143.381 WCM FOCUSED INTL GROWTH-INS		2018-09-26	2019-03-07
46. ISHARES TIPS BOND ETF			2019-03-07
36. ISHARES CORE US AGGREGATE BOND ETF		2014-10-22	2019-03-07
8. ISHARES MSCI EMERGING MKTS INDEX FUND		2019-01-10	2019-03-07
11. ISHARES MSCI EMERGING MKTS INDEX FUND		2011-09-23	2019-03-07
18. ISHARES TR S&P 500/BARRA GROWTH INDEX FD		2018-11-28	2019-03-07
3. ISHARES TR S&P SMLCP VALU		2011-09-23	2019-03-07
2. ISHARES TR S&P SMLCP GROW		2014-03-14	2019-03-07
7. ISHARES EDGE MSCI USA QUALITY FACTOR ETF		2016-10-03	2019-03-07
21. ISHARES EDGE MSCI USA QUALITY FACTOR ETF		2018-04-05	2019-03-07

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(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)
2,189		2,393	-204
5,112		5,327	-215
3,861		3,978	-117
336		325	11
462		392	70
3,007		2,908	99
446		177	269
355		240	115
602		471	131
1,805		1,750	55

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
(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	
			-204
			-215
			-117
			11
			70
			99
			269
			115
			131
			55

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(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.)
18. ISHARES EDGE MSCI USA VALUE FACTOR ETF			2019-03-07
6. ISHARES EDGE MSCI USA MOMENTUM FACTOR ETF		2018-09-28	2019-03-07
117.71 LAZARD GLOBAL LISTED INFRASTRUCTURE PORTFOLIO		2018-09-26	2019-03-07
82.19 MFS VALUE FUND CLASS I FUND 893			2019-03-07
42.736 T ROWE PRICE GROWTH STOCK FUND		2018-04-05	2019-03-07
92.758 ROWE T PRICE VALUE FD INC COM		2018-04-05	2019-03-07
348.645 VANGUARD TOTL BD MKT IDX-ADM		2014-10-22	2019-03-07
430.582 VIRTUS SEIX FLOATING RATE HIGH INCOME FUND CLASS I		2016-08-05	2019-03-07
140.96 WASATCH INTL OPPORTUNIT-INST		2018-04-05	2019-03-07
4.582 WELLS FARGO SPECIAL US MID CAP VALUE I		2016-05-26	2019-03-07

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(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)
1,419		1,475	-56
653		716	-63
1,728		1,801	-73
3,223		3,264	-41
2,741		2,797	-56
3,108		3,414	-306
3,675		3,804	-129
3,681		3,699	-18
462		502	-40
169		147	22

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
(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	
			-56
			-63
			-73
			-41
			-56
			-306
			-129
			-18
			-40
			22

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e.g., real estate, (a) 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.)
28.186 WELLS FARGO SPECIAL US MID CAP VALUE I			2019-03-07
169.127 WESTERN ASSET CORE PLUS BOND FD CLASS I FD 287		2018-04-05	2019-03-07
10. WISDOMTREE U.S. QUALITY DIVI ETF		2016-10-03	2019-03-07
34. WISDOMTREE U.S. QUALITY DIVI ETF		2018-04-05	2019-03-07
43. ISHARES TR S&P 500/BARRA GROWTH INDEX FD		2018-11-28	2019-03-27
.229 T ROWE PRICE GROWTH STOCK FUND		2018-04-05	2019-03-28
.785 CAMBIAR INTL EQUITY FUND-INS		2018-09-26	2019-04-04
137.414 BAIRD MIDCAP INST		2016-04-06	2019-04-04
42.761 WCM FOCUSED INTL GROWTH-INS		2018-09-26	2019-04-04
4. ISHARES CORE US AGGREGATE BOND ETF			2019-04-04

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(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)
1,037		1,037	
1,925		1,955	-30
418		322	96
1,422		1,386	36
7,331		6,946	385
15		15	
20		22	-2
2,926		2,080	846
682		714	-32
433		427	6

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
(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	
			-30
			96
			36
			385
			-2
			846
			-32
			6

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(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.)
111. ISHARES CORE US AGGREGATE BOND ETF			2019-04-04
53. ISHARES MSCI EMERGING MKTS INDEX FUND			2019-04-04
7. ISHARES TR S&P SMLCP VALU		2011-09-23	2019-04-04
6. ISHARES TR S&P SMLCP GROW		2014-03-14	2019-04-04
66. ISHARES EDGE MSCI USA QUALITY FACTOR ETF		2016-10-03	2019-04-04
52. ISHARES EDGE MSCI USA VALUE FACTOR ETF		2016-10-03	2019-04-04
13. ISHARES EDGE MSCI USA MOMENTUM FACTOR ETF			2019-04-04
40.711 JENSEN QUALITY GROWTH-Y		2019-03-28	2019-04-04
8.227 MFS VALUE FUND CLASS I FUND 893		2019-01-10	2019-04-04
191.317 MFS VALUE FUND CLASS I FUND 893		2011-09-23	2019-04-04

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(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)
12,011		12,263	-252
2,328		1,886	442
1,054		414	640
1,087		719	368
5,916		4,437	1,479
4,243		3,386	857
1,454		1,533	-79
2,047		2,004	43
332		301	31
7,727		3,861	3,866

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
(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	
			-252
			442
			640
			368
			1,479
			857
			-79
			43
			31
			3,866

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

List and describe the kind(s) of property sold (e.g., real estate, (a) 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.)
97.785 T ROWE PRICE GROWTH STOCK FUND		2013-10-07	2019-04-04
6.117 T ROWE PRICE GROWTH STOCK FUND			2019-04-04
35.596 ROWE T PRICE VALUE FD INC COM			2019-04-04
198.113 ROWE T PRICE VALUE FD INC COM			2019-04-04
1124.075 VANGUARD TOTL BD MKT IDX-ADM			2019-04-04
534.933 WELLS FARGO CORE BOND FUND		2019-03-07	2019-04-04
76.023 WELLS FARGO SPECIAL US MID CAP VALUE I		2016-05-26	2019-04-04
113. WISDOMTREE U.S. QUALITY DIVI ETF		2016-10-03	2019-04-04
CAPITAL GAIN DIVIDENDS	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(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)
6,598		4,576	2,022
413		373	40
1,237		1,138	99
6,886		6,488	398
11,949		12,258	-309
6,815		6,751	64
2,900		2,442	458
4,931		3,640	1,291
			1,145

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
(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	
			2,022
			40
			99
			398
			-309
			64
			458
			1,291

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient	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
Name and address (home or business)				
a <i>Paid during the year</i>				
BORGESS HEALTH ALLIANCE INC 1521 GULL ROAD KALAMAZOO, MI 49048	NONE	PC	GENERAL SUPPORT	3,127
HERITAGE COMMUNITY SR CITZN FD 2400 PORTAGE KALAMAZOO, MI 490013793	NONE	PC	GENERAL SUPPORT	3,127
Total ▶ 3a				6,254

TY 2019 Investments - Other Schedule**Name:** KATHERYN MURPHY TUW**EIN:** 38-6473593**Investments Other Schedule 2**

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
MUTUAL FUNDS - FIXED	AT COST	37,931	39,065
MUTUAL FUNDS - EQUITY	AT COST	74,680	80,666

TY 2019 Other Decreases Schedule**Name:** KATHERYN MURPHY TUW**EIN:** 38-6473593

Description	Amount
HISTORICAL MAKE UP DISTRIBUTION	41,468

TY 2019 Other Income Schedule**Name:** KATHERYN MURPHY TUW**EIN:** 38-6473593**Other Income Schedule**

Description	Revenue And Expenses Per Books	Net Investment Income	Adjusted Net Income
FEDERAL TAX REFUND FROM PRIOR YEAR	7	0	

TY 2019 Other Increases Schedule**Name:** KATHERYN MURPHY TUW**EIN:** 38-6473593

Description	Amount
ROUNDING ADJ FOR SALES AND TRANSACTIONS	3
REIMBURSEMENT FOR PRIOR YEARS	5,099