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Form **990-PF**

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

OMB No. 1545-0052

2017

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

▶ 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.

For calendar year 2017 or tax year beginning , 2017, and ending , 20

Name of foundation THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE		A Employer identification number 41-1563321
Number and street (or P.O. box number if mail is not delivered to street address) 710 SOUTH SECOND STREET	Room/suite STE 400	B Telephone number (see instructions) (612) 333-4220
City or town, state or province, country, and ZIP or foreign postal code MINNEAPOLIS, MN 55401		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: ☒ 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) ▶ \$ 18,752	J Accounting method: ☒ Cash ☐ Accrual ☐ Other (specify) _____	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) (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)	3,718,000			
	2 Check ☐ if the foundation is not required to attach Sch. B				
	3 Interest on savings and temporary cash investments				
	4 Dividends and interest from securities				
	5a Gross rents				
	b Net rental income or (loss)				
	6a Net gain or (loss) from sale of assets not on line 10	0			
	b Gross sales price for all assets on line 6a				
	7 Capital gain net income (from Part IV, line 2)		0		
	8 Net short-term capital gain			0	
	9 Income modifications				
	10a Gross sales less returns and allowances	0			
Operating and Administrative Expenses	b Less: Cost of goods sold	0			
	c Gross profit or (loss) (attach schedule)	0			
	11 Other income (attach schedule)	0	0	0	
	12 Total. Add lines 1 through 11	3,718,000	0	0	
	13 Compensation of officers, directors, trustees, etc.	50,500			50,500
	14 Other employee salaries and wages				
	15 Pension plans, employee benefits				
	16a Legal fees (attach schedule)	0	0	0	0
	b Accounting fees (attach schedule)	8,384	0	0	8,384
	c Other professional fees (attach schedule)	161,000	0	0	161,000
	17 Interest				
	18 Taxes (attach schedule) (see instructions)	0	0	0	0
	19 Depreciation (attach schedule) and depletion	0	0	0	
	20 Occupancy				
	21 Travel, conferences, and meetings	338,550			338,550
	22 Printing and publications				
	23 Other expenses (attach schedule)	13,122	0	0	13,122
	24 Total operating and administrative expenses. Add lines 13 through 23	571,556	0	0	571,556
	25 Contributions, gifts, grants paid	3,148,550			3,148,550
	26 Total expenses and disbursements. Add lines 24 and 25	3,720,106	0	0	3,720,106
	27 Subtract line 26 from line 12:				
	a Excess of revenue over expenses and disbursements	(2,106)			
	b Net investment income (if negative, enter -0-)		0		
	c Adjusted net income (if negative, enter -0-)			0	

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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		20,858	18,752	18,752
	2	Savings and temporary cash investments				
	3	Accounts receivable ▶				
		Less: allowance for doubtful accounts ▶	0	0	0	
	4	Pledges receivable ▶				
		Less: allowance for doubtful accounts ▶	0	0	0	
	5	Grants receivable				
	6	Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)	0	0	0	
	7	Other notes and loans receivable (attach schedule) ▶	0			
		Less: allowance for doubtful accounts ▶	0	0	0	
	8	Inventories for sale or use				
	9	Prepaid expenses and deferred charges				
	10a	Investments—U.S. and state government obligations (attach schedule)	0	0	0	
	b	Investments—corporate stock (attach schedule)	0	0	0	
	c	Investments—corporate bonds (attach schedule)	0	0	0	
	11	Investments—land, buildings, and equipment: basis ▶	0			
	Less: accumulated depreciation (attach schedule) ▶	0	0	0		
12	Investments—mortgage loans					
13	Investments—other (attach schedule)	0	0	0		
14	Land, buildings, and equipment: basis ▶	0				
	Less: accumulated depreciation (attach schedule) ▶	0	0	0		
15	Other assets (describe ▶)	0	0	0		
16	Total assets (to be completed by all filers—see the instructions. Also, see page 1, item I)	20,858	18,752	18,752		
Liabilities	17	Accounts payable and accrued expenses				
	18	Grants payable				
	19	Deferred revenue				
	20	Loans from officers, directors, trustees, and other disqualified persons	0	0		
	21	Mortgages and other notes payable (attach schedule)	0	0		
	22	Other liabilities (describe ▶)	0	0		
23	Total liabilities (add lines 17 through 22)	0	0			
Net Assets or Fund Balances		Foundations that follow SFAS 117, check here ☐				
	24	Unrestricted				
	25	Temporarily restricted				
	26	Permanently restricted				
		Foundations that do not follow SFAS 117, check here ▶ ☒				
	27	Capital stock, trust principal, or current funds				
	28	Paid-in or capital surplus, or land, bldg., and equipment fund				
	29	Retained earnings, accumulated income, endowment, or other funds	20,858	18,752		
	30	Total net assets or fund balances (see instructions)	20,858	18,752		
	31	Total liabilities and net assets/fund balances (see instructions)	20,858	18,752		

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	20,858
2	Enter amount from Part I, line 27a	2	(2,106)
3	Other increases not included in line 2 (itemize) ▶	3	0
4	Add lines 1, 2, and 3	4	18,752
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	18,752

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Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (for example, 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				
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				
b				
c				
d				
e				
Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69.				
(i) FMV 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				
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	0
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	0

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 doesn't qualify under section 4940(e). Do not complete this part.

(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))
2016			
2015			
2014			
2013			
2012			
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 2017 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 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.		8

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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: 08/11/1986 (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	N/A	
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		
3	Add lines 1 and 2	3	0	
4	Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)	4		
5	Tax based on investment income. Subtract line 4 from line 3. If zero or less, enter -0-	5	0	
6	Credits/Payments:			
a	2017 estimated tax payments and 2016 overpayment credited to 2017	6a	0	
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	0	
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	0	
10	Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid	10	0	
11	Enter the amount of line 10 to be: Credited to 2018 estimated tax 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?		✓
b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes? See the 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.		✓
c Did the foundation file Form 1120-POL for this year?		✓
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.		✓
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		✓
4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?		✓
b If "Yes," has it filed a tax return on Form 990-T for this year?		
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by <i>General Instruction T</i> .		✓
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?	✓	
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	✓	
8a Enter the states to which the foundation reports or with which it is registered. See instructions. ▶ MN		
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 <i>General Instruction G</i> ? If "No," attach explanation	✓	
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 2017 or the tax year beginning in 2017? See the instructions for Part XIV. If "Yes," complete Part XIV	✓	
10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses		✓

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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	✓
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	✓
13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address ► <u>WWW.NEUROSCIENCE.MCKNIGHT.ORG</u>	13	✓
14 The books are in care of ► <u>RICK SCOTT</u> Telephone no. ► <u>(612) 333-4220</u> Located at ► <u>710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN</u> ZIP+4 ► <u>55401</u>		
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		
16 At any time during calendar year 2017, 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? See the instructions for exceptions and filing requirements for FinCEN Form 114. If "Yes," enter the name of the foreign country ►	16	✓

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 Organizations relying on a current notice regarding disaster assistance, check here ► ☐	1b	✓
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 2017?	1c	✓
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 2017, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2017? ☐ Yes ☒ No If "Yes," list the years ► 20____, 20____, 20____, 20____		
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.)	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. ► 20____, 20____, 20____, 20____		
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 2017 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 2017.)	3b	
4a Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?	4a	✓
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 2017?	4b	✓

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

	Yes	No
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	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?	☐ 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	☒
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?	7b	

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors**1 List all officers, directors, trustees, and foundation managers and their compensation. See instructions.**

(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
HUDA ZOGHBI, M.D. 710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	PRESIDENT, 1.2	13,000	0	0
THOMAS JESSELL, PH.D. 710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	VICE PRESIDENT, 1.1	8,000	0	0
ERIKA BINGER 710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	SECRETARY AND TREASURER, 0.8	0	0	0
(SEE STATEMENT)				

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

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
THE MCKNIGHT FOUNDATION 710 SECOND STREET, SUITE 400, MINNEAPOLIS, MN 55401	ADMINISTRATIVE SERVICES	100,000
Total number of others receiving over \$50,000 for professional services		1

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 SEE SCHEDULE O	315,637
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 N/A	
2	
All other program-related investments. See instructions.	
3	

Total. Add lines 1 through 3 **0**Form **990-PF** (2017)

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	0
b	Average of monthly cash balances	1b	896,542
c	Fair market value of all other assets (see instructions)	1c	0
d	Total (add lines 1a, b, and c)	1d	896,542
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	896,542
4	Cash deemed held for charitable activities. Enter 1½% of line 3 (for greater amount, see instructions)	4	13,448
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	883,094
6	Minimum investment return. Enter 5% of line 5	6	44,155

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	
2a	Tax on investment income for 2017 from Part VI, line 5	2a	
b	Income tax for 2017. (This does not include the tax from Part VI.)	2b	
c	Add lines 2a and 2b	2c	
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	
4	Recoveries of amounts treated as qualifying distributions	4	
5	Add lines 3 and 4	5	
6	Deduction from distributable amount (see instructions)	6	
7	Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1	7	

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	3,720,106
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	0
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8; and Part XIII, line 4	4	3,720,106
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	
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6	3,720,106

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.

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Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2016	(c) 2016	(d) 2017
1 Distributable amount for 2017 from Part XI, line 7				
2 Undistributed income, if any, as of the end of 2017:				
a Enter amount for 2016 only				
b Total for prior years: 20____, 20____, 20____				
3 Excess distributions carryover, if any, to 2017:				
a From 2012				
b From 2013				
c From 2014				
d From 2015				
e From 2016				
f Total of lines 3a through e				
4 Qualifying distributions for 2017 from Part XII, line 4: ► \$ _____				
a Applied to 2016, but not more than line 2a				
b Applied to undistributed income of prior years (Election required—see instructions)				
c Treated as distributions out of corpus (Election required—see instructions)				
d Applied to 2017 distributable amount				
e Remaining amount distributed out of corpus				
5 Excess distributions carryover applied to 2017 (If an amount appears in column (d), the same amount must be shown in column (a).)				
6 Enter the net total of each column as indicated below:				
a Corpus. Add lines 3f, 4c, and 4e. Subtract line 5				
b Prior years' undistributed income. Subtract line 4b from line 2b				
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				
d Subtract line 6c from line 6b. Taxable amount—see instructions				
e Undistributed income for 2016. Subtract line 4a from line 2a. Taxable amount—see instructions				
f Undistributed income for 2017. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2018				
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)				
8 Excess distributions carryover from 2012 not applied on line 5 or line 7 (see instructions)				
9 Excess distributions carryover to 2018. Subtract lines 7 and 8 from line 6a				
10 Analysis of line 9:				
a Excess from 2013				
b Excess from 2014				
c Excess from 2015				
d Excess from 2016				
e Excess from 2017				

Form **990-PF** (2017)

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 2017, enter the date of the ruling **08/11/1986**
- b** Check box to indicate whether the foundation is a private operating foundation described in section ☒ 4942(j)(3) or ☐ 4942(j)(5)

	Prior 3 years				(e) Total
	(a) 2017	(b) 2016	(c) 2015	(d) 2014	
2a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed	0	0	0	0	0
b 85% of line 2a	0	0	0	0	0
c Qualifying distributions from Part XII, line 4 for each year listed	3,720,106	3,758,647	3,710,738	3,713,180	14,902,671
d Amounts included in line 2c not used directly for active conduct of exempt activities	3,148,550	3,149,388	3,148,679	3,149,931	12,596,548
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c	571,556	609,259	562,059	563,249	2,306,123
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 $\frac{2}{3}$ of minimum investment return shown in Part X, line 6 for each year listed	29,436	27,680	15,978	14,093	87,187
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)(ii)					
(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., 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:
MEFN SELECTION COMMITTEE, 710 SECOND STREET SOUTH, MINNEAPOLIS, MN 55401, NEURO@MCKNIGHT.ORG
- b** The form in which applications should be submitted and information and materials they should include:
SEE SUPPLEMENTAL INFORMATION
- c** Any submission deadlines:
SEE SUPPLEMENTAL INFORMATION
- d** Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors:
SEE SUPPLEMENTAL INFORMATION

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)				
a Paid during the year (SEE STATEMENT)				
Total			3a	3,148,550
b Approved for future payment (SEE STATEMENT)				
Total			3b	2,400,000

Form **990-PF** (2017)

Part XVI-A Analysis of Income-Producing Activities

Enter gross amounts unless otherwise indicated.

Enter gross amounts unless otherwise indicated.		Unrelated business income		Excluded by section 512, 513, or 514		(e) Related or exempt function income (See instructions.)
		(a) Business code	(b) Amount	(c) Exclusion code	(d) Amount	
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					
4	Dividends and interest from securities					
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					
8	Gain or (loss) from sales of assets other than inventory					
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		0	0
13	Total. Add line 12, columns (b), (d), and (e)					

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

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

[illegible]

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) (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)	✓
	(2) Other assets	1a(2)	✓
b	Other transactions:		
	(1) Sales of assets to a noncharitable exempt organization	1b(1)	✓
	(2) Purchases of assets from a noncharitable exempt organization	1b(2)	✓
	(3) Rental of facilities, equipment, or other assets	1b(3)	✓
	(4) Reimbursement arrangements	1b(4)	✓
	(5) Loans or loan guarantees	1b(5)	✓
	(6) Performance of services or membership or fundraising solicitations	1b(6)	✓
c	Sharing of facilities, equipment, mailing lists, other assets, or paid employees	1c	✓
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.		

[illegible]

2a Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) (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

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.		
		6-24-68	DIRECTOR
	Signature of officer or trustee	Date	Title

May the IRS discuss this return with the preparer shown below? See instructions. ☒ Yes ☐ No

Paid Preparer Use Only	Print/Type preparer's name NICOLE BENCIK	Preparer's signature <i>Nicole Benick</i>	Date 6/15/2018	Check ☐ if self-employed	PTIN P00756195
	Firm's name ▶ CROWE LLP			Firm's EIN ▶ 35-0921680	
	Firm's address ▶ 225 WEST WACKER DRIVE SUITE 2600, CHICAGO, IL 60606-1224			Phone no. (312) 899-7000	

Form **990-PF** (2017)

Schedule B(Form 990, 990-EZ,
or 990-PF)Department of the Treasury
Internal Revenue Service**Schedule of Contributors**▶ Attach to Form 990, Form 990-EZ, or Form 990-PF.
▶ Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017**Name of the organization**

THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

Employer identification number

41-1563321

Organization type (check one):**Filers of:****Section:**

Form 990 or 990-EZ

☐ 501(c)() (enter number) organization☐ 4947(a)(1) nonexempt charitable trust **not** treated as a private foundation☐ 527 political organization

Form 990-PF

☒ 501(c)(3) exempt private foundation☐ 4947(a)(1) nonexempt charitable trust treated as a private foundation☐ 501(c)(3) taxable private foundationCheck if your organization is covered by the **General Rule** or a **Special Rule**.**Note:** Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.**General Rule**

- ☒ For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or property) from any one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.

Special Rules

- ☐ For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33 $\frac{1}{3}$ % support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990 or 990-EZ), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of (1) \$5,000; or (2) 2% of the amount on (i) Form 990, Part VIII, line 1h; or (ii) Form 990-EZ, line 1. Complete Parts I and II.
- ☐ For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 *exclusively* for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals. Complete Parts I, II, and III.
- ☐ For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions *exclusively* for religious, charitable, etc., purposes, but no such contributions totaled more than \$1,000. If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc., purpose. Don't complete any of the parts unless the **General Rule** applies to this organization because it received *nonexclusively* religious, charitable, etc., contributions totaling \$5,000 or more during the year ▶ \$ _____

Caution: An organization that isn't covered by the General Rule and/or the Special Rules doesn't file Schedule B (Form 990, 990-EZ, or 990-PF), but it **must** answer "No" on Part IV, line 2, of its Form 990; or check the box on line H of its Form 990-EZ or on its Form 990-PF, Part I, line 2, to certify that it doesn't meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF).

For Paperwork Reduction Act Notice, see the instructions for Form 990, 990-EZ, or 990-PF. Cat. No. 30613X Schedule B (Form 990, 990-EZ, or 990-PF) (2017)

Name of organization

THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

Employer identification number

41-1563321

Part I Contributors (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	THE MCKNIGHT FOUNDATION 710 SOUTH SECOND STREET, SUITE 400 MINNEAPOLIS, MN 55401	\$ 3,718,000	Person ☒ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)

Name of organization

THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

Employer identification number

41-1563321

Part II Noncash Property (see instructions). Use duplicate copies of Part II if additional space is needed.

(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	

Name of organization

THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

Employer identification number

41-1563321

Part III Exclusively religious, charitable, etc., contributions to organizations described in section 501(c)(7), (8), or (10) that total more than \$1,000 for the year from any one contributor. Complete columns (a) through (e) and the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of \$1,000 or less for the year. (Enter this information once. See instructions.) ► \$ _____

Use duplicate copies of Part III if additional space is needed.

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee

Return Reference - Identifier	Explanation
FORM 990-PF, PART IX, LINE 1 - SUPPLEMENTARY INFORMATION-ANNUAL CONFERENCE	THE 2017 MCKNIGHT CONFERENCE ON NEUROSCIENCE WAS HELD FROM FRIDAY EVENING, JUNE 9 THROUGH MONDAY MORNING, JUNE 12, 2017. ONE HUNDRED AND ELEVEN NEUROSCIENTISTS ATTENDED, INCLUDING EIGHT MEMBERS OF THE BOARD OF DIRECTORS OF THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE, TEN MEMBERS OF THE AWARDS SELECTION COMMITTEES, FIVE DOUPE FELLOWS, AND FIVE GUEST SPEAKERS. TWENTY-FOUR MCKNIGHT AWARD RECIPIENTS, FIVE MCKNIGHT DOUPE FELLOWS, AND FIVE GUEST SPEAKERS PRESENTED THE FINDINGS OF THEIR BRAIN RESEARCH PROJECTS OVER THE COURSE OF THE WEEKEND. THE SPECIAL LECTURE TOPICS WERE: "TREATING THE BIOLOGICAL STATE OF THE DEVELOPING BRAIN: IMPLICATIONS FROM PRECLINICAL MOUSE AND HUMAN STUDIES," PRESENTED BY DR. BJ CASEY, YALE UNIVERSITY; AND "FROM SONG TO SYNAPSE. VOCAL COMMUNICATION IN SPARROWS, FINCHES AND MICE," PRESENTED BY DR. RICHARD MOONEY, DUKE UNIVERSITY. THE BRAIN DISEASE WORKSHOP WAS ON "ANXIETY/PTSD" AND FEATURED RENOWNED ANXIETY/PTSD RESEARCHERS DR. JOSH GORDON (DIRECTOR OF THE NATIONAL INSTITUTE OF MENTAL HEALTH), KERRY RESSLER (HARVARD) AND DANIEL SALZMAN (COLUMBIA) THE SESSIONS INCLUDED *AWARD RECIPIENT SCIENTIFIC SPEAKING PRESENTATIONS (THREE SESSIONS) *THE TECHNOLOGY WORKSHOP AND TECHNOLOGY DEMONSTRATIONS (ONE SESSION) *AWARD RECIPIENT SCIENTIFIC POSTER PRESENTATIONS (TWO SESSIONS) SINCE THE CONFERENCE PROGRAM INCORPORATES 15 MINUTES OF QUESTION AND ANSWER FOLLOWING EACH PRESENTATION, THE CONFERENCE AUDIENCE BENEFITED FROM AN OPEN DISCUSSION OF THE RESEARCH WORK PRESENTED. ADDITIONALLY, THE POSTER SESSION AND THE TECH DEMO SESSION ARE INTERACTIVE AND INCLUDE OPEN DISCUSSIONS. THE MCKNIGHT CONFERENCE ON NEUROSCIENCE PROVIDES A FORUM FOR. 1) SHARING OF RESEARCH DEVELOPMENTS BY AND BETWEEN MCKNIGHT AWARDEES THROUGH THE FORMAL PRESENTATIONS, 2) SHARING OF RESEARCH WORK IN INFORMAL DISCUSSIONS, AND 3) MONITORING BY THE BOARD OF DIRECTORS AND REVIEW COMMITTEE MEMBERS OF THE RESEARCH WORK BEING SUPPORTED BY THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE THE NEXT MCKNIGHT CONFERENCE ON NEUROSCIENCE IS SCHEDULED TO BE HELD JUNE 8-11, 2018 IN ASPEN, CO. THIRTEEN RECENT RECIPIENTS OF A MCKNIGHT AWARD, TWO FORMER RECIPIENTS OF A MCKNIGHT AWARD; AND FIVE GUEST SPEAKERS WILL PRESENT THE FINDINGS OF THEIR BRAIN RESEARCH PROJECTS.

Return Reference - Identifier	Explanation
FORM 990-PF, PART XV, LINE 2B - SUPPLEMENTARY INFORMATION-AWARDS	THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE IS AN INDEPENDENT CHARITABLE ORGANIZATION ESTABLISHED BY THE MCKNIGHT FOUNDATION TO CARRY OUT THE INTENTION OF ITS FOUNDER, WILLIAM L. MCKNIGHT (1887-1979). MR. MCKNIGHT, WHO LED THE 3M COMPANY FOR THREE DECADES, HAD A PERSONAL INTEREST IN MEMORY AND ITS DISEASES AND SET ASIDE PART OF HIS LEGACY TO BRING HOPE TO THOSE SUFFERING FROM BRAIN INJURY OR DISEASE AND COGNITIVE IMPAIRMENT. THE ENDOWMENT FUND FULFILLS THIS MISSION BY SUPPORTING INNOVATIVE RESEARCH IN NEUROSCIENCE THROUGH THREE COMPETITIVE ANNUAL AWARDS. THE AWARDS COMPLEMENT EACH OTHER TO SUPPORT BOTH YOUNG AND ESTABLISHED NEUROSCIENTISTS AND TO ENCOURAGE INTERDISCIPLINARY COLLABORATION. EACH IN A DIFFERENT WAY, THE THREE PROGRAMS SEEK OUT INVESTIGATORS WHOSE RESEARCH SHOWS PROMISE IN BRINGING SOCIETY CLOSER TO PREVENTIONS, TREATMENTS, AND CURES FOR MANY DEVASTATING DISEASES. RESEARCH SUPPORTED BY THE ENDOWMENT FUND HAS FURTHERED UNDERSTANDING OF ALZHEIMER'S DISEASE, PARKINSON'S DISEASE, SPINAL CORD INJURIES, AND MANY OTHER COGNITIVE IMPAIRMENTS. THE ENDOWMENT FUND IS LED BY A BOARD OF EMINENT NEUROSCIENTISTS, WITH ADMINISTRATIVE SUPPORT FROM THE MCKNIGHT FOUNDATION. EACH AWARD HAS ITS OWN SELECTION COMMITTEE, ALSO MADE UP OF PROMINENT SCIENTISTS. THE COMMITTEE RECOMMENDS AWARDEES, AND THE BOARD HAS THE FINAL APPROVAL. MCKNIGHT SCHOLAR AWARDS THE MCKNIGHT SCHOLAR AWARDS ENCOURAGE NEUROSCIENTISTS IN THE EARLY STAGES OF THEIR CAREERS TO FOCUS ON DISORDERS OF LEARNING AND MEMORY. THESE AWARDS SUPPORT YOUNG SCIENTISTS WHO HOLD THE M.D. AND/OR PH.D. DEGREE, WHO HAVE COMPLETED FORMAL POSTDOCTORAL TRAINING AND WHO DEMONSTRATE A COMMITMENT TO NEUROSCIENCE. THE ENDOWMENT FUND ESPECIALLY SEEKS APPLICANTS WORKING ON PROBLEMS THAT, IF SOLVED AT THE BASIC LEVEL, WOULD HAVE IMMEDIATE AND SIGNIFICANT IMPACT ON CLINICALLY RELEVANT ISSUES, ESPECIALLY THOSE RELATED TO DEFICITS OF MEMORY AND COGNITION. FOR DESCRIPTIONS OF PREVIOUS AWARDS, PLEASE GO TO THE ENDOWMENT FUND WEBSITE. EACH YEAR UP TO SIX SCHOLARS ARE SELECTED TO RECEIVE THREE YEARS OF SUPPORT AT \$75,000 PER YEAR. FUNDS MAY BE USED IN ANY WAY THAT WILL FACILITATE DEVELOPMENT OF THE SCHOLAR'S RESEARCH PROGRAM, BUT NOT FOR INDIRECT COSTS. SCHOLARS MUST HAVE AUTHORIZATION FROM THE HOME INSTITUTION TO WORK IN THE U.S. AND MUST HOLD FULL TIME APPOINTMENTS AT THE RANK OF ASSISTANT PROFESSOR AT THEIR SPONSORING INSTITUTION, SCIENTISTS HOLDING OTHER TITLES SUCH AS RESEARCH ASSISTANT PROFESSOR, ADJUNCT ASSISTANT PROFESSOR, ASSISTANT PROFESSOR RESEARCH TRACK, VISITING PROFESSOR OR INSTRUCTOR ARE NOT ELIGIBLE. EMPLOYEES OF THE HOWARD HUGHES MEDICAL INSTITUTE OR SCIENTISTS WITHIN THE INTRAMURAL PROGRAM OF THE NATIONAL INSTITUTES OF HEALTH ARE NOT ELIGIBLE. APPLICATION MATERIALS ARE AVAILABLE IN SEPTEMBER EACH YEAR, AND COMPLETED APPLICATIONS SHOULD BE EMAILED TO AN EMAIL ACCOUNT SET UP FOR THIS PURPOSE (NEURO@MCKNIGHT.ORG) IN EARLY JANUARY OF THE FOLLOWING YEAR. EACH APPLICANT MUST ENSURE THAT FOUR LETTERS OF REFERENCE ARE SUBMITTED TO THE EMAIL ACCOUNT; THESE LETTERS ARE AN INTEGRAL PART OF THE APPLICATION. AWARDS ARE ANNOUNCED IN MAY AND BEGIN ON JULY 1. MCKNIGHT TECHNOLOGICAL INNOVATIONS IN NEUROSCIENCE AWARDS THESE AWARDS ENCOURAGE AND SUPPORT SCIENTISTS WORKING ON THE DEVELOPMENT OF NOVEL AND CREATIVE APPROACHES TO UNDERSTANDING BRAIN FUNCTION. THE ENDOWMENT FUND IS INTERESTED IN HOW A NEW TECHNOLOGY MAY BE USED TO MONITOR, MANIPULATE, ANALYZE, OR MODEL BRAIN FUNCTION AT ANY LEVEL, FROM THE MOLECULAR TO THE ENTIRE ORGANISM. TECHNOLOGY MAY TAKE ANY FORM, FROM BIOCHEMICAL TOOLS TO INSTRUMENTS TO SOFTWARE AND MATHEMATICAL APPROACHES. BECAUSE THE PROGRAM SEEKS TO ADVANCE AND ENLARGE THE RANGE OF TECHNOLOGIES AVAILABLE TO THE NEUROSCIENCES, RESEARCH BASED PRIMARILY ON EXISTING TECHNIQUES WILL NOT BE CONSIDERED. FOR DESCRIPTIONS OF PREVIOUS AWARDS, PLEASE GO TO THE ENDOWMENT FUND WEBSITE. THE FIRST STEP IS TO SUBMIT A TWO-PAGE LETTER OF INTENT DESCRIBING THE PROJECT AND HOW THE TECHNOLOGY INVOLVED WILL ENRICH THE NEUROSCIENCES AND BECOME ACCESSIBLE TO OTHER RESEARCH IN THE FIELD. INVESTIGATORS MUST HAVE AUTHORIZATION FROM THE HOME INSTITUTION TO WORK IN THE U.S. AND MUST HOLD FULL TIME APPOINTMENTS AT THE RANK OF ASSISTANT PROFESSOR OR HIGHER AT THE SPONSORING INSTITUTION, SCIENTISTS HOLDING OTHER TITLES SUCH AS RESEARCH PROFESSOR, ADJUNCT PROFESSOR, PROFESSOR RESEARCH TRACK, VISITING PROFESSOR, OR INSTRUCTOR ARE NOT ELIGIBLE. FUNDS MAY BE USED TOWARD A VARIETY OF RESEARCH ACTIVITIES, BUT NOT THE RECIPIENT'S SALARY. EMPLOYEES OF THE HOWARD HUGHES MEDICAL INSTITUTE OR SCIENTISTS WITHIN THE INTRAMURAL PROGRAM OF THE NATIONAL INSTITUTES OF HEALTH ARE NOT ELIGIBLE. THE SELECTION COMMITTEE WILL INVITE A FEW APPLICANTS TO SEND DETAILED PROPOSALS, FROM WHICH UP TO THREE AWARDS WILL BE MADE. EACH AWARD PROVIDES \$100,000 ANNUALLY FOR TWO YEARS. LETTERS OF INTENT ARE DUE IN EARLY DECEMBER AND CAN BE UPLOADED BY ACCESSING THE ONLINE URL SET UP FOR THIS PURPOSE. AWARDS ARE ANNOUNCED IN LATE JUNE AND BEGIN ON AUGUST 1. MCKNIGHT MEMORY AND COGNITIVE DISORDERS AWARDS THE MEMORY AND COGNITIVE DISORDERS AWARDS SUPPORT NEUROSCIENTISTS WHO ARE WORKING TO APPLY THE KNOWLEDGE ACHIEVED THROUGH BASIC OR CLINICAL RESEARCH TO HUMAN BRAIN DISORDERS THAT AFFECT MEMORY OR COGNITION. THEY ARE DESIGNED TO STIMULATE INNOVATIVE APPROACHES THAT MIGHT LEAD TO THERAPIES AND CURES. COMPETITIVE PROJECTS WOULD INCLUDE THOSE THAT ADDRESS MEMORY OR COGNITION UNDER NORMAL AND PATHOLOGICAL CONDITIONS, INCLUDING PROPOSALS THAT ADDRESS THE MECHANISMS OF MEMORY OR COGNITION AT THE SYNAPTIC, CELLULAR, MOLECULAR, GENETIC OR BEHAVIORAL LEVEL IN ANIMALS, INCLUDING HUMANS. WE ARE PARTICULARLY INTERESTED IN PROPOSALS THAT INCORPORATE FUNDAMENTALLY NEW APPROACHES, AS WELL AS THOSE THAT INVOLVE HUMAN EXPERIMENTATION. COLLABORATIVE AND CROSS-DISCIPLINARY APPLICATIONS ARE ENCOURAGED. FOR DESCRIPTIONS OF PREVIOUS AWARDS, PLEASE GO TO THE ENDOWMENT FUND WEBSITE. THE FIRST STEP IS TO SUBMIT A TWO-PAGE LETTER OF INTENT DESCRIBING THE PROJECT AND HOW THE RESEARCH WILL BE APPLIED TO IMPROVING THE UNDERSTANDING OF A BRAIN DISORDER OR DISEASE,

Return Reference - Identifier	Explanation
	ESPECIALLY DISEASES RELATED TO MEMORY OR COGNITIVE DISORDERS. THE LETTER SHOULD CLEARLY DESCRIBE HOW THE PROPOSED RESEARCH WILL UNCOVER MECHANISMS OF BRAIN INJURY OR DISEASE AND HOW IT COULD TRANSLATE TO DIAGNOSIS, PREVENTION, TREATMENT, OR CURE. INVESTIGATORS MUST HAVE AUTHORIZATION FROM THE HOME INSTITUTION TO WORK IN THE U.S. AND MUST HOLD FULL TIME APPOINTMENTS AT THE RANK OF ASSISTANT PROFESSOR OR HIGHER AT THE SPONSORING INSTITUTION. SCIENTISTS HOLDING OTHER TITLES SUCH AS RESEARCH PROFESSOR, ADJUNCT PROFESSOR, PROFESSOR RESEARCH TRACK, VISITING PROFESSOR, OR INSTRUCTOR ARE NOT ELIGIBLE. FUNDS MAY BE USED TOWARD A VARIETY OF RESEARCH ACTIVITIES, BUT NOT THE RECIPIENT'S SALARY. EMPLOYEES OF THE HOWARD HUGHES MEDICAL INSTITUTE OR SCIENTISTS WITHIN THE INTRAMURAL PROGRAM OF THE NATIONAL INSTITUTES OF HEALTH ARE NOT ELIGIBLE. THE SELECTION COMMITTEE WILL INVITE A FEW APPLICANTS TO SUBMIT DETAILED PROPOSALS, FROM WHICH UP TO FOUR AWARDS WILL BE SELECTED. EACH PROVIDES \$100,000 ANNUALLY FOR THREE YEARS. LETTERS OF INTENT ARE DUE IN LATE MARCH/EARLY APRIL AND CAN BE UPLOADED BY ACCESSING THE ONLINE URL SET UP FOR THIS PURPOSE. AWARDS ARE ANNOUNCED IN DECEMBER AND BEGIN FEBRUARY 1 OF THE FOLLOWING YEAR.

Part I, Line 16b

Accounting fees

Description	(a) Revenue and expenses	(b) Net investment income	(c) Adjusted net income	(d) Charitable disbursements
(1) PROFESSIONAL FEES	8,384	0	0	8,384
TOTAL	8,384	0	0	8,384

Description	(a) Revenue and expenses	(b) Net investment income	(c) Adjusted net income	(d) Charitable disbursements
(1) ADMINISTRATIVE SERVICE FEES	100,000	0	0	100,000
(2) COMMITTEE FEES	61,000	0	0	61,000
TOTAL	161,000	0	0	161,000

Description	(a) Revenue and expenses	(b) Net investment income	(c) Adjusted net income	(d) Charitable disbursements
(1) POSTAGE AND SHIPPING	1,817	0	0	1,817
(2) COMMUNICATION EXPENSE	5,000	0	0	5,000
(3) MISCELLANEOUS	505	0	0	505
(4) COMPUTER SERVICES	5,800	0	0	5,800
TOTAL	13,122	0	0	13,122

Name	Address	Title, and average hours per week devoted to position	Compensation (If not paid, enter -0-)	Contributions to employee benefit plans and deferred compensation	Expense account, other allowances
CARLA J SHATZ, PH D.	710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	DIRECTOR, 0.8	3,000	0	0
J. ANTHONY MOVSHON, PH.D.	710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	DIRECTOR, 1.8	8,000	0	0
KELSEY MARTIN, M.D. PH.D.	710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	DIRECTOR, 1.5	6,000	0	0
MARKUS MEISTER, PH D.	710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	DIRECTOR, 1.6	5,500	0	0
MICHAEL D. EHLERS, M.D. PH.D.	710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	DIRECTOR, 0.8	0	0	0
RICK SCOTT	710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	DIRECTOR, 0.2	0	0	0
WENDY SUZUKI, PH D.	710 SOUTH SECOND STREET, STE 400, MINNEAPOLIS, MN 55401	DIRECTOR, 1.8	7,000	0	0

Name and Address	Relationship	Foundation status	Purpose	Amount
JACQUELINE GOTTLIEB COLUMBIA UNIVERSITY NEW YORK, NY, 10027	NONE	PC	POPULATION DYNAMICS ENCODING UNCERTAINTY AND REWARD IN THE FRONTAL PARIETAL CORTEX	100,000
MICHAEL GRECIUS STANFORD UNIVERSITY PALO ALTO, CA, 94305	NONE	PC	ELUCIDATING THE INTERACTION BETWEEN SEX AND APOE ON ALZHEIMER'S DISEASE RISK	100,000
STEPHEN MAREN TEXAS A & M UNIVERSITY COLLEGE STATION, TX, 77843	NONE	GOV	PREFRONTAL-HIPPOCAMPAL INTERPLAY IN CONTEXTUAL MEMORY RETRIEVAL	100,000
PHILIP WONG AND LIAM CHEN JOHNS HOPKINS UNIVERSITY BALTIMORE, MD, 21218	NONE	PC	CHARACTERIZATION AND VALIDATION OF A NEW THERAPEUTIC TARGET IN TDP- 43 ANIMAL MODELS OF FRONTOTEMPORAL DEMENTIA	100,000
DAVID FOSTER JOHNS HOPKINS SCHOOL OF MEDICINE BALTIMORE, MD, 21218	NONE	PC	THE DUEL ROLE OF HIPPOCAMPAL PLACE-CELL SEQUENCES IN LEARNING AND MEMORY	100,000
UELI RUTISHAUSER AND ADAM MAMELAK CEDARS-SINAI MEDICAL CENTER LOS ANGELES, CA, 90048	NONE	PC	HIPPOCAMPAL THETA RHYTHM- MEDICATED COORDINATION OF NEURAL ACTIVITY IN HUMAN MEMORY	100,000
DAPHNA SHOHAMY COLUMBIA UNIVERSITY NEW YORK, NY, 10027	NONE	PC	HOW EPISODIC MEMORY GUIDES DECISIONS. NEURAL MECHANISMS AND IMPLICATIONS FOR MEMORY LOSS	100,000
KIMBERLEY TOLIAS AND ANDREAS TOLIAS BAYLOR COLLEGE OF MEDICINE HOUSTON, TX, 77030	NONE	PC	STUDYING GLOBAL MEMORY TRACES AT SINGLE SYNAPSE RESOLUTION	100,000
DONNA J CALU UNIVERSITY OF MARYLAND MEDICAL SCHOOL BALTIMORE, MD, 21201	NONE	GOV	INDIVIDUAL DIFFERENCES IN ATTENTION SIGNALING IN AMYGDALA CIRCUITS	100,000
FRED GAGE AND MATTHEW SHTRAHMAN SALK INSTITUTE & UCSD SAN DIEGO, CA, 92093	NONE	PC	USING DEEP IN VIVO TWO- PHOTON CA2+ IMAGING TO STUDY TEMPORAL PATTERN SEPARATION	100,000
GABRIEL KREIMAN CHILDREN'S HOSPITAL BOSTON BOSTON, MA, 02115	NONE	PC	HOW EPISODIC MEMORY GUIDES DECISIONS. NEURAL MECHANISMS AND IMPLICATIONS FOR MEMORY LOSS	100,000
BORIS ZEMELMAN & DANIEL JOHNSTON U OF TEXAS, AUSTIN AUSTIN, TX, 78712	NONE	GOV	PREFRONTAL DYSFUNCTION IN FRAGILE X SYNDROME	100,000
KWANGHUN CHUNG MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MA, 02139	NONE	PC	MULTI-SCALE PROTEOMIC RECONSTRUCTION OF CELLS AND THEIR BRAINWIDE CONNECTIVITY	100,000
NARAYANAN (BOBBY) KASTHURI UNIVERSITY OF CHICAGO CHICAGO, IL, 60637	NONE	PC	BRAIN-X: NANOSCALE MAPS OF ENTIRE BRAINS USING SYNCHROTRON-BASED HIGH- ENERGY X-RAYS	100,000
STEPHEN MILLER UMASS MEDICAL SCHOOL WORCESTER, MA, 01655	NONE	GOV	OVERCOMING BARRIERS TO IMAGING IN THE BRAIN	100,000
JOSE CARMENA & MICHEL MAHARBIZ U OF CALIFORNIA, BERKELEY BERKELEY, CA, 94720	NONE	GOV	NEURAL DUST: AN ULTRASONIC, LOW POWER, EXTREME MINIATURE TECHNOLOGY FOR COMPLETELY WIRELESS AND UNTETHERED NEURAL RECORDINGS IN THE BRAIN	100,000
ALI GHOLLIPOUR HARVARD MEDICAL SCHOOL CAMBRIDGE, MA, 02138	NONE	PC	MOTION-ROBUST IMAGING TECHNOLOGY FOR QUANTITATIVE ANALYSIS OF EARLY BRAIN DEVELOPMENT	100,000
ALEXANDER SCHIER HARVARD UNIVERSITY CAMBRIDGE, MA, 02138	NONE	PC	RECORDING THE HISTORY OF NEURONAL ACTIVITY THROUGH GENOME EDITING	100,000
SUSANNE AHMARI	NONE	GOV	IDENTIFYING NEURAL CIRCUIT	75,000

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UNIVERSITY OF PITTSBURGH PITTSBURGH, PA, 15260			CHANGES UNDERLYING OCD-RELATED BEHAVIORS	
MARLENE COHEN UNIVERSITY OF PITTSBURGH PITTSBURGH, PA, 15260	NONE	GOV	CAUSAL AND CORRELATIVE TESTS OF THE HYPOTHESIS THAT THE NEURONAL MECHANISMS UNDERLYING ATTENTION INVOLVE INTERACTIONS BETWEEN CORTICAL AREAS	75,000
DANIEL DOMBECK NORTHWESTERN UNIVERSITY EVANSTON, IL, 60208	NONE	PC	FUNCTIONAL DYNAMICS, ORGANIZATION AND THE PLASTICITY OF PLACE CELL DENDRITIC SPINES	75,000
SURYA GANGULI STANFORD UNIVERSITY PALO ALTO, CA, 94305	NONE	PC	FROM NEURAL DATA TO NEUROBIOLOGICAL UNDERSTANDING THROUGH HIGH DIMENSIONAL STATISTICS AND THEORY	75,000
GABY MAIMON ROCKEFELLER UNIVERSITY NEW YORK, NY, 10065	NONE	PC	NEURONAL BASIS FOR THE INTERNAL INITIATION OF ACTION	75,000
KAY TYE MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MA, 02139	NONE	PC	DECONSTRUCTING THE DISTRIBUTED NEURAL MECHANISMS IN EMOTIONAL VALENCE PROCESSING	75,000
MARK ANDERMANN BETH ISRAEL DEACONESS MEDICAL CENTER/HARVARD BOSTON, MA, 02215	NONE	PC	A PATHWAY FOR HUNGER MODULATION OF LEARNED FOOD CUE RESPONSES IN INSULAR CORTEX	75,000
JOHN CUNNINGHAM COLUMBIA UNIVERSITY NEW YORK, NY, 10027	NONE	PC	THE COMPUTATIONAL STRUCTURE OF POPULATIONS OF NEURONS IN THE MOTOR CORTEX	75,000
ROOZBEH KIANI NEW YORK UNIVERSITY NEW YORK, NY, 10003	NONE	PC	HIERARCHICAL DECISION PROCESSES THAT OPERATE OVER DISTINCT TIME SCALES UNDERLIE CHOICE AND CHANGES IN STRATEGY	75,000
YUKI OKA CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA, CA, 91125	NONE	PC	PERIPHERAL AND CENTRAL MECHANISMS OF BODY FLUID REGULATION	75,000
ABIGAIL PERSON UNIVERSITY OF COLORADO, DENVER DENVER, CO, 80204	NONE	GOV	CIRCUIT MECHANISMS OF CEREBELLAR MOTOR CORRECTION	75,000
WEI WEI UNIVERSITY OF CHICAGO CHICAGO, IL, 60637	NONE	PC	DENDRITIC PROCESSING OF VISUAL MOTION IN THE RETINA	75,000
MARTHA BAGNALL WASHINGTON UNIVERSITY IN ST LOUIS ST. LOUIS, MO, 63130	NONE	PC	SENSORY AND MOTOR COMPUTATIONS UNDERLYING POSTURAL CONTROL	75,000
STEPHEN BROHAWN U OF CALIFORNIA, BERKELEY BERKELEY, CA, 94720	NONE	GOV	MECHANISMS OF BIOLOGICAL FORCE SENSATION	75,000
MEHRDAD JAZAYERI MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MA, 02139	NONE	PC	THALAMOCORTICAL MECHANISMS OF FLEXIBLE MOTOR TIMING	75,000
KATHERINE NAGEL NEW YORK UNIVERSITY NEW YORK, NY, 10003	NONE	PC	NEURAL MECHANISMS UNDERLYING OLFACTORY SEARCH BEHAVIOR IN DROSOPHILA MELANOGASTER	75,000
MATTHEW PECOT HARVARD MEDICAL SCHOOL BOSTON, MA, 02138	NONE	PC	DEFINING THE TRANSCRIPTIONAL LOGIC UNDERLYING NEURAL NETWORK ASSEMBLY IN THE DROSOPHILA VISUAL SYSTEM	75,000
MICHAEL YARTSEV U OF CALIFORNIA, BERKELEY BERKELEY, CA, 94720	NONE	GOV	NEUROBIOLOGICAL BASIS OF VOCAL PRODUCTION LEARNING IN THE DEVELOPING MAMMALIAN BRAIN	75,000
RETURNED AWARD FUNDS C/O THE MCKNIGHT FOUNDATION 710 SECOND STREET SOUTH MINNEAPOLIS, MN, 55401	RETURNED AWARD	PC	RETURNED AWARD	(1,450)

Name and Address	Relationship	Foundation status	Purpose	Amount
ELIZABETH BUFFALO UNIVERSITY OF WASHINGTON MEDICAL SCHOOL SEATTLE, WA, 98195	NONE	GOV	NEURAL DYNAMICS OF MEMORY AND COGNITION IN THE PRIMATE HIPPOCAMPAL FORMATION	300,000
MAURICIO DELGADO RUTGERS UNIVERSITY NEWARK, NJ, 07102	NONE	PC	THE REGULATION OF NEGATIVE AUTOBIOGRAPHICAL MEMORIES VIA POSITIVE EMOTION-FOCUSED STRATEGIES	300,000
BRUCE HERRING UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CA, 90007	NONE	GOV	UNDERSTANDING SYNAPTIC DYSFUNCTION IN AUTISM SPECTRUM DISORDER	300,000
STEVE RAMIREZ BOSTON UNIVERSITY BOSTON, MA, 02215	NONE	PC	ARTIFICIALLY MODULATING POSITIVE AND NEGATIVE MEMORIES TO ALLEVIATE MALADAPTIVE FEAR RESPONSES	300,000
JOSE CARMENA & MICHEL MAHARBI U OF CALIFORNIA, BERKELEY BERKELEY, CA, 94720	NONE	GOV	NEURAL DUST: AN ULTRASONIC, LOW POWER, EXTREME MINIATURE TECHNOLOGY FOR COMPLETELY WIRELESS AND UNTETHERED NEURAL RECORDINGS IN THE BRAIN	100,000
ALI GHOLLIPOUR HARVARD MEDICAL SCHOOL CAMBRIDGE, MA, 02138	NONE	PC	MOTION-ROBUST IMAGING TECHNOLOGY FOR QUANTITATIVE ANALYSIS OF EARLY BRAIN DEVELOPMENT	100,000
ALEXANDER SCHIER HARVARD UNIVERSITY CAMBRIDGE, MA, 02138	NONE	PC	RECORDING THE HISTORY OF NEURONAL ACTIVITY THROUGH GENOME EDITING	100,000
MARTHA BAGNALL WASHINGTON UNIVERSITY IN ST. LOUIS ST. LOUIS, MO, 63130	NONE	PC	SENSORY AND MOTOR COMPUTATIONS UNDERLYING POSTURAL CONTROL	150,000
STEPHEN BROHAWN U OF CALIFORNIA, BERKELEY BERKELEY, CA, 94720	NONE	GOV	MECHANISMS OF BIOLOGICAL FORCE SENSATION	150,000
MEHRDAD JAZAYERI MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MA, 02139	NONE	PC	THALAMOCORTICAL MECHANISMS OF FLEXIBLE MOTOR TIMING	150,000
KATHERINE NAGEL NEW YORK UNIVERSITY NEW YORK, NY, 10003	NONE	PC	NEURAL MECHANISMS UNDERLYING OLFACTORY SEARCH BEHAVIOR IN DROSOPHILA MELANOGASTER	150,000
MATTHEW PECOT HARVARD MEDICAL SCHOOL BOSTON, MA, 02138	NONE	PC	DEFINING THE TRANSCRIPTIONAL LOGIC UNDERLYING NEURAL NETWORK ASSEMBLY IN THE DROSOPHILA VISUAL SYSTEM	150,000
MICHAEL YARTSEV U OF CALIFORNIA, BERKELEY BERKELEY, CA, 94720	NONE	GOV	NEUROBIOLOGICAL BASIS OF VOCAL PRODUCTION LEARNING IN THE DEVELOPING MAMMALIAN BRAIN	150,000