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

Note. The foundation may be able to use a copy of this return to satisfy state reporting requirements.

2012

Open to public inspection

For calendar year 2012 or tax year beginning

, and ending

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 SECOND STREET SOUTH	Room/suite 400	B Telephone number 612-333-4220
City or town, state, and ZIP code MINNEAPOLIS, MN 55401		C If exemption application is pending, check here <input type="checkbox"/>
G Check all that apply: <input type="checkbox"/> Initial return <input type="checkbox"/> Final return <input type="checkbox"/> Address change <input type="checkbox"/> Initial return of a former public charity <input type="checkbox"/> Amended return <input type="checkbox"/> Name change		D 1 Foreign organizations, check here <input type="checkbox"/> 2. Foreign organizations meeting the 85% test, check here and attach computation <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		E If private foundation status was terminated under section 507(b)(1)(A), check here <input type="checkbox"/>
I Fair market value of all assets at end of year (from Part II, col. (c), line 16) \$ 8,037.	J Accounting method: <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____	F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here <input type="checkbox"/>

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a))		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
Revenue	1 Contributions, gifts, grants, etc., received	3,490,000.			
	2 Check <input 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				
	5a Gross rents				
	b Net rental income or (loss)				
	6a Net gain or (loss) from sale of assets not on line 10				
	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				
b Less Cost of goods sold					
c Gross profit or (loss)					
11 Other income					
12 Total. Add lines 1 through 11	3,490,000.	0.	0.		
Operating and Administrative Expenses	13 Compensation of officers, directors, trustees, etc.	46,500.	0.	0.	46,500.
	14 Other employee salaries and wages				
	15 Pension plans, employee benefits				
	16a Legal fees				
	b Accounting fees	STMT 1 7,847.	0.	0.	7,847.
	c Other professional fees	STMT 2 149,500.	0.	0.	149,500.
	17 Interest				
	18 Taxes				
	19 Depreciation and depletion				
	20 Occupancy				
	21 Travel, conferences, and meetings	317,245.	0.	0.	317,245.
	22 Printing and publications				
	23 Other expenses	STMT 3 4,781.	0.	0.	4,781.
	24 Total operating and administrative expenses. Add lines 13 through 23	525,873.	0.	0.	525,873.
	25 Contributions, gifts, grants paid	2,966,958.			2,966,958.
26 Total expenses and disbursements. Add lines 24 and 25	3,492,831.	0.	0.	3,492,831.	
27 Subtract line 26 from line 12:					
a Excess of revenue over expenses and disbursements	-2,831.				
b Net investment income (if negative, enter -0-)		0.			
c Adjusted net income (if negative, enter -0-)			0.		

13

**THE MCKNIGHT ENDOWMENT FUND FOR
NEUROSCIENCE**

Form 990-PF (2012)

41-1563321 Page **2**

Part II Balance Sheets <small>Attached schedules and amounts in the description column should be for end-of-year amounts only</small>		Beginning of year	End of year		
		(a) Book Value	(b) Book Value	(c) Fair Market Value	
Assets	1 Cash - non-interest-bearing	10,868.	8,037.	8,037.	
	2 Savings and temporary cash investments				
	3 Accounts receivable ▶				
	Less: allowance for doubtful accounts ▶				
	4 Pledges receivable ▶				
	Less: allowance for doubtful accounts ▶				
	5 Grants receivable				
	6 Receivables due from officers, directors, trustees, and other disqualified persons				
	7 Other notes and loans receivable ▶				
	Less: allowance for doubtful accounts ▶				
	8 Inventories for sale or use				
	9 Prepaid expenses and deferred charges				
	10a Investments - U.S. and state government obligations				
	b Investments - corporate stock				
	c Investments - corporate bonds				
	11 Investments - land, buildings, and equipment: basis ▶				
	Less: accumulated depreciation ▶				
	12 Investments - mortgage loans				
	13 Investments - other				
	14 Land, buildings, and equipment: basis ▶				
	Less: accumulated depreciation ▶				
	15 Other assets (describe ▶)				
	16 Total assets (to be completed by all filers)	10,868.	8,037.	8,037.	
	Liabilities	17 Accounts payable and accrued expenses			
		18 Grants payable			
19 Deferred revenue					
20 Loans from officers, directors, trustees, and other disqualified persons					
21 Mortgages and other notes payable					
	22 Other liabilities (describe ▶)				
	23 Total liabilities (add lines 17 through 22)	0.	0.		
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here <input type="checkbox"/> and complete lines 24 through 26 and lines 30 and 31.				
	24 Unrestricted				
	25 Temporarily restricted				
	26 Permanently restricted				
	Foundations that do not follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 31				
	27 Capital stock, trust principal, or current funds	0.	0.		
	28 Paid-in or capital surplus, or land, bldg., and equipment fund	0.	0.		
	29 Retained earnings, accumulated income, endowment, or other funds	10,868.	8,037.		
30 Total net assets or fund balances	10,868.	8,037.			
31 Total liabilities and net assets/fund balances	10,868.	8,037.			

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	10,868.
2 Enter amount from Part I, line 27a	2	-2,831.
3 Other increases not included in line 2 (itemize) ▶	3	0.
4 Add lines 1, 2, and 3	4	8,037.
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	8,037.

**THE MCKNIGHT ENDOWMENT FUND FOR
NEUROSCIENCE**

Form 990-PF (2012)

41-1563321 Page 3

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			
b	NONE		
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) 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			
b			
c			
d			
e			

2 Capital gain net income or (net capital loss)	<div> <div>If gain, also enter in Part I, line 7</div> <div>If (loss), enter -0- in Part I, line 7</div> </div>	2	
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): If gain, also enter in Part I, line 8, column (c). If (loss), enter -0- in Part I, line 8	<div> <div>If gain, also enter in Part I, line 8, column (c)</div> <div>If (loss), enter -0- in Part I, line 8</div> </div>	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 the instructions before making any entries.

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2011			
2010			
2009			
2008			
2007			

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, 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 2012 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.

THE MCKNIGHT ENDOWMENT FUND FOR

Form 990-PF (2012)

NEUROSCIENCE

41-1563321 Page 4

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 <input type="checkbox"/> and enter "N/A" on line 1. Date of ruling or determination letter: _____ (attach copy of letter if necessary-see instructions)	1	0.
b	Domestic foundations that meet the section 4940(e) requirements in Part V, check here <input type="checkbox"/> and enter 1% of Part I, line 27b	2	0.
c	All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, col. (b).	3	0.
2	Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)	4	0.
3	Add lines 1 and 2	5	0.
4	Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)	6a	
5	Tax based on investment income. Subtract line 4 from line 3. If zero or less, enter -0-	6b	
6	Credits/Payments:	6c	
a	2012 estimated tax payments and 2011 overpayment credited to 2012	6d	
b	Exempt foreign organizations - tax withheld at source	7	0.
c	Tax paid with application for extension of time to file (Form 8868)	8	
d	Backup withholding erroneously withheld	9	0.
7	Total credits and payments. Add lines 6a through 6d	10	
8	Enter any penalty for underpayment of estimated tax. Check here <input type="checkbox"/> if Form 2220 is attached	11	
9	Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed		
10	Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid		
11	Enter the amount of line 10 to be: Credited to 2013 estimated tax <input type="checkbox"/> Refunded <input type="checkbox"/>		

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?		X
1b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see instructions for 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		X
1c Did the foundation file Form 1120-POL for this year?		X
2 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		X
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes		X
4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?		X
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 General Instruction T.		X
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either: • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	X	
7 Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col. (c), and Part XV.	X	
8a Enter the states to which the foundation reports or with which it is registered (see instructions) <u>MN</u>		
b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If "No," attach explanation	X	
9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2012 or the taxable year beginning in 2012 (see instructions for Part XIV)? If "Yes," complete Part XIV	X	
10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses		X

Form 990-PF (2012)

**THE MCKNIGHT ENDOWMENT FUND FOR
NEUROSCIENCE**

Form 990-PF (2012)

41-1563321

Page 5

Part VII-A Statements Regarding Activities (continued)

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)			X
12	Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions)			X
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address ► <u>WWW.MCKNIGHT.ORG/NEUROSCIENCE</u>		X	
14	The books are in care of ► <u>RICK SCOTT</u> Telephone no. ► <u>612-333-4220</u> Located at ► <u>710 SECOND STREET SOUTH, 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	N/A	
16	At any time during calendar year 2012, 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 Form TD F 90-22.1. If "Yes," enter the name of the foreign country ►	16	Yes	No X

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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
(2)	Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
(3)	Furnish goods, services, or facilities to (or accept them from) a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
(4)	Pay compensation to, or pay or reimburse the expenses of, a disqualified person? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	X
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 2012?	1c	X
2	Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):		
a	At the end of tax year 2012, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2012? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes," list the years ►		
b	Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement - see instructions.) N/A	2b	
c	If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here. ►		
3a	Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
b	If "Yes," did it have excess business holdings in 2012 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 2012.) N/A	3b	
4a	Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?	4a	X
b	Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2012?	4b	X

Form 990-PF (2012)

**THE MCKNIGHT ENDOWMENT FUND FOR
NEUROSCIENCE**

Form 990-PF (2012)

41-1563321 Page 6

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

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

- (1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? ☐ Yes ☒ No
- (2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive? ☐ Yes ☒ No
- (3) Provide a grant to an individual for travel, study, or other similar purposes? ☒ Yes ☐ No
- (4) Provide a grant to an organization other than a charitable, etc., organization described in section 509(a)(1), (2), or (3), or section 4940(d)(2)? ☐ 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)?

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

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

If "Yes," attach the statement required by Regulations section 53.4945-5(d)

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

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? ☐ Yes ☒ No

If "Yes" to 6b, file Form 8870.

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

b If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction? **N/A** ☐ Yes ☐ No

5b

X

6b

X

7b

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

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

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
SEE STATEMENT 4		46,500.	0.	0.

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

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

Total number of other employees paid over \$50,000

0

Form 990-PF (2012)

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors (continued)**3** Five highest-paid independent contractors for professional services. If none, enter "NONE."

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
THE MCKNIGHT FOUNDATION - 710 SECOND STREET SO., SUITE 400, MINNEAPOLIS, MN 55401	ADMINISTRATIVE SERVICES	100,000.

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 SEE STATEMENT 5	
	279,889.
2	
3	
4	

Part IX-B Summary of Program-Related Investments

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2.

	Amount
1 N/A	
2	
All other program-related investments. See instructions.	
3	
Total. Add lines 1 through 3	0.

Form 990-PF (2012)

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 265,610.
c	Fair market value of all other assets	1c
d	Total (add lines 1a, b, and c)	1d 265,610.
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	3 265,610.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4 3,984.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5 261,626.
6	Minimum investment return. Enter 5% of line 5	6 13,081.

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 2012 from Part VI, line 5	2a
b	Income tax for 2012. (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 3,492,831.
b	Program-related investments - total from Part IX-B	1b 0.
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2
3	Amounts set aside for specific charitable projects that satisfy the:	
a	Suitability test (prior IRS approval required)	3a
b	Cash distribution test (attach the required schedule)	3b
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	4 3,492,831.
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b	5 0.
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6 3,492,831.

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)

N/A

	(a) Corpus	(b) Years prior to 2011	(c) 2011	(d) 2012
1 Distributable amount for 2012 from Part XI, line 7				
2 Undistributed income, if any, as of the end of 2012				
a Enter amount for 2011 only				
b Total for prior years:				
3 Excess distributions carryover, if any, to 2012:				
a From 2007				
b From 2008				
c From 2009				
d From 2010				
e From 2011				
f Total of lines 3a through e				
4 Qualifying distributions for 2012 from Part XII, line 4: ► \$				
a Applied to 2011, 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 2012 distributable amount				
e Remaining amount distributed out of corpus				
5 Excess distributions carryover applied to 2012 (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 2011. Subtract line 4a from line 2a. Taxable amount - see instr.				
f Undistributed income for 2012. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2013				
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3)				
8 Excess distributions carryover from 2007 not applied on line 5 or line 7				
9 Excess distributions carryover to 2013. Subtract lines 7 and 8 from line 6a				
10 Analysis of line 9:				
a Excess from 2008				
b Excess from 2009				
c Excess from 2010				
d Excess from 2011				
e Excess from 2012				

**THE MCKNIGHT ENDOWMENT FUND FOR
NEUROSCIENCE**

Form 990-PF (2012)

41-1563321 Page 10

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

1 a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2012, enter the date of the ruling ▶

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

	Tax year	Prior 3 years			(e) Total
	(a) 2012	(b) 2011	(c) 2010	(d) 2009	
2 a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed	0.	0.	0.	548.	548.
b 85% of line 2a	0.	0.	0.	466.	466.
c Qualifying distributions from Part XII, line 4 for each year listed	3,492,831.	3,688,960.	3,985,495.	4,606,912.	15,774,198.
d Amounts included in line 2c not used directly for active conduct of exempt activities	2,966,958.	3,174,911.	3,474,232.	4,100,000.	13,716,101.
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c	525,873.	514,049.	511,263.	506,912.	2,058,097.
3 Complete 3a, b, or c for the alternative test relied upon:					
a "Assets" alternative test - enter:					
(1) Value of all assets	8,037.	10,868.	10,828.	4,323.	34,056.
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)	8,037.	10,868.	10,828.	4,323.	34,056.
b "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed					0.
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)	3,490,000.	3,689,000.	3,992,000.	4,578,000.	15,749,000.
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)					0.
(3) Largest amount of support from an exempt organization	3,490,000.	3,689,000.	3,992,000.	4,578,000.	15,749,000.
(4) Gross investment income		0.	0.	0.	0.

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

1 Information Regarding Foundation Managers:

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

NONE

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

NONE

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

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

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

SEE STATEMENT 6

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

SEE STATEMENT 6

c Any submission deadlines:

SEE STATEMENT 6

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

SEE STATEMENT 6

THE MCKNIGHT ENDOWMENT FUND FOR

Form 990-PF (2012)

NEUROSCIENCE

41-1563321 Page 11

Part XV Supplementary Information (continued)**3** Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
a Paid during the year				
SEE STATEMENT 7	NONE		TO SUPPORT RESEARCH IN NEUROSCIENCE	2,966,958.
Total			3a	2,966,958.
b Approved for future payment				
SEE STATEMENT 7	NONE		TO SUPPORT RESEARCH IN NEUROSCIENCE	2,400,000.
Total			3b	2,400,000.

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

- | | |
|--|---------------------|
| <p>1 Did the organization directly or indirectly engage in any of the following with any other organization described in section 501(c) of the Code (other than section 501(c)(3) organizations) or in section 527, relating to political organizations?</p> <p>a Transfers from the reporting foundation to a noncharitable exempt organization of:</p> <p>(1) Cash</p> <p>(2) Other assets</p> <p>b Other transactions:</p> <p>(1) Sales of assets to a noncharitable exempt organization</p> <p>(2) Purchases of assets from a noncharitable exempt organization</p> <p>(3) Rental of facilities, equipment, or other assets</p> <p>(4) Reimbursement arrangements</p> <p>(5) Loans or loan guarantees</p> <p>(6) Performance of services or membership or fundraising solicitations</p> <p>c Sharing of facilities, equipment, mailing lists, other assets, or paid employees</p> <p>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.</p> | <p>Yes</p> |
| | <p>1a(1)</p> |
| | <p>1a(2)</p> |
| | |
| | <p>1b(1)</p> |
| | <p>1b(2)</p> |
| | <p>1b(3)</p> |
| | <p>1b(4)</p> |
| | <p>1b(5)</p> |
| | <p>1b(6)</p> |
| | <p>1c</p> |

	Yes	No
1a(1)		X
1a(2)		X
1b(1)		X
1b(2)		X
1b(3)		X
1b(4)		X
1b(5)		X
1b(6)		X
1c		X

[illegible]

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

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

**Sign
Here**

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

Signature of officer or trustee

5.7.13
Date

VP-Finance

May the IRS discuss this return with the preparer shown below (see instr)?

☒ Yes ☐ No

**Paid
Preparer
Use Only**

Print/Type preparer's name

XIAOYAN LUO

Preparer's signature

NALLEN LLP

Date

05/01/13

Check ☐ self-employed

PTIN

P01305207

Firm's name ► CLIFTONLARSONALLEN LLP

Firm's EIN ► 41-0746749

Firm's address ► 220 SOUTH SIXTH STREET, SUITE 300
MINNEAPOLIS, MN 55402

Phone no. 612-376-4500

Form 990-PF (2012)

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.

OMB No 1545-0047

2012

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, \$5,000 or more (in money or property) from any one contributor. Complete Parts I and II

Special Rules

- ☐ For a section 501(c)(3) organization filing Form 990 or 990-EZ that met the 33 1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi) and received from any one contributor, during the year, a contribution 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 a section 501(c)(7), (8), or (10) organization filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 for use *exclusively* for religious, charitable, scientific, literary, or educational purposes, or the prevention of cruelty to children or animals. Complete Parts I, II, and III.
- ☐ For a section 501(c)(7), (8), or (10) organization filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions for use *exclusively* for religious, charitable, etc., purposes, but these contributions did not total to 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. Do not complete any of the parts unless the **General Rule** applies to this organization because it received nonexclusively religious, charitable, etc., contributions of \$5,000 or more during the year ▶ \$ _____

Caution. An organization that is not covered by the General Rule and/or the Special Rules does not 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 Part I, line 2 of its Form 990-PF, to certify that it does not meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF)

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990, 990-EZ, or 990-PF. Schedule B (Form 990, 990-EZ, or 990-PF) (2012)

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 SECOND STREET SO., SUITE 400 MINNEAPOLIS, MN 55401	\$ 3,490,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution)
		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution)
		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution.)
		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution)
		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution)
		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution)
		\$	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II if there is a noncash contribution)

Employer identification number

41-1563321

Part II

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

Name of organization THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE	Employer identification number 41-1563321
---	---

Part III Exclusively religious, charitable, etc., individual contributions to section 501(c)(7), (8), or (10) organizations that total more than \$1,000 for the year. 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) ► \$ _____

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

(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

(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

(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

FORM 990-PF	ACCOUNTING FEES			STATEMENT 1
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
ACCOUNTING FEES	7,847.	0.	0.	7,847.
TO FORM 990-PF, PG 1, LN 16B	7,847.	0.	0.	7,847.

FORM 990-PF	OTHER PROFESSIONAL FEES			STATEMENT 2
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
ADMINISTRATIVE SERVICE FEES	100,000.	0.	0.	100,000.
COMMITTEE MEMBER FEES	49,500.	0.	0.	49,500.
TO FORM 990-PF, PG 1, LN 16C	149,500.	0.	0.	149,500.

FORM 990-PF	OTHER EXPENSES			STATEMENT 3
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
POSTAGE AND SHIPPING	1,870.	0.	0.	1,870.
COMMUNICATION EXPENSE	2,550.	0.	0.	2,550.
MISCELLANEOUS	361.	0.	0.	361.
TO FORM 990-PF, PG 1, LN 23	4,781.	0.	0.	4,781.

FORM 990-PF PART VIII - LIST OF OFFICERS, DIRECTORS STATEMENT 4
 TRUSTEES AND FOUNDATION MANAGERS

NAME AND ADDRESS	TITLE AND AVRG HRS/WK	COMPEN- SATION	EMPLOYEE BEN PLAN CONTRIB	EXPENSE ACCOUNT
THOMAS JESSELL, PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	PRESIDENT 1.00	12,000.	0.	0.
HUDA ZOGHBI, M.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	VICE PRESIDENT 1.00	6,500.	0.	0.
PATRICIA S. BINGER 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	SECRETARY/TREASURER 1.00	0.	0.	0.
ALLISON DOUPE, M.D., PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 2.00	7,000.	0.	0.
DAVID JULIUS, PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 1.00	2,000.	0.	0.
ERIC J. NESTLER, M.D., PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 2.00	6,000.	0.	0.
CARLA J. SHATZ, PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 1.00	1,500.	0.	0.
LARRY R. SQUIRE, PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 1.00	1,500.	0.	0.
DAVID W. TANK, PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 2.00	5,000.	0.	0.
KATE WOLFORD 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 1.00	0.	0.	0.
MICHAEL D. EHLERS, M.D. PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 1.00	0.	0.	0.

THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCI

41-1563321

J. ANTHONY MOVSHON, PH.D. DIRECTOR
 710 SECOND STREET SOUTH, SUITE 400 2.00
 MINNEAPOLIS, MN 55401

5,000.

0.

0.

TOTALS INCLUDED ON 990-PF, PAGE 6, PART VIII

46,500.

0.

0.

The McKnight Endowment Fund for Neuroscience
Identification No. 41-1563321
Supplementary Information
Form 990-PF IX-A, Line 1
2012

The 2012 McKnight Conference on Neuroscience was held beginning Friday June 8 at 6pm through Monday, June 11 at 10am, at the Aspen Meadows Resort Hotel and Conference Center in Aspen, Colorado. One hundred-ten scientists attended, including ten members of the board of directors of the McKnight Endowment Fund for Neuroscience, fifteen members of the awards selection committees, two guests from the Ellison Foundation, three guest speakers (a committee member was the fourth speaker). Other attendees included: one McKnight board member, two guests from the Grossman Institute for Quantitative Biology and Human Behavior, and three Foundation staff members.

Sixteen McKnight award recipients and four guest speakers presented the findings of their brain research projects during four conference sessions, a brain disease workshop, and two special lectures. One special lecture was on "Rethinking Depression and its Treatment: Insights from Studies of Deep Brain Stimulation." The other special lecture was on "Using Fixed Circuits to Build Flexible Behaviors: Genes; Neurons, Dynamics, and Modulation." The disease workshop topic was about Sleep and Sleep Disorders. The sessions included:

- Award recipient scientific presentations (three sessions)
- The technology workshop and technology demonstrations (one session)

Since the conference program incorporates 10 minutes of question and answer following each presentation, the conference audience benefited from an open discussion of the research work presented. Additionally, the Endowment Fund board added a debate after the technology session. This fostered a lively 45 minute discussion.

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 7 through June 10, 2013, at the Aspen Meadows Resort Hotel and Conference Center in Aspen, Colorado. Ten recipients of McKnight awards and four guest speakers will present the findings of their brain research projects.

THE McKNIGHT AWARDS IN NEUROSCIENCE

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 makes the final decision.

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, see www.neuroscience.mcknight.org/

The Scholar Awards have been given annually since 1977. Each year up to six Scholars are selected to receive three years' 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 be U.S. citizens or lawful permanent residents, be working at not-for-profit institutions within the United States, and hold tenured or tenure-track positions at their sponsoring institution. 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 should be emailed to an email account set up for this purpose (neuro@mcknight.org) in early January of the following year. Awards are announced in May and begin on July 1.

McKnight Technological Innovations in Neuroscience Awards

These awards support scientists working on new and unusual approaches to understanding brain function. The program seeks to advance and enlarge the range of technologies available to the neurosciences and does not support research based primarily on existing techniques. The Fund is especially interested in how technology may be used or adapted to monitor, manipulate, analyze, or model brain function at any level, from the molecular to the entire organism. For descriptions of previous awards, see www.neuroscience.mcknight.org/

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 be U.S. citizens or lawful permanent residents, be working at not-for-profit institutions within the United States, and hold tenured or tenure-track positions at their sponsoring institution. 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. Collaborative and cross-disciplinary applications are invited.

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 should be emailed to a an email account set up for this purpose (neuro@mcknight.org) for consideration. Awards are announced in late June and begin on August 1.

McKnight Memory and Cognitive Disorders Awards (formally the Neuroscience of Brain Disorders Awards)

Based on recommendations from an outside evaluation (performed in 2008), the Endowment Fund transformed the Neuroscience of Brain Disorders award into the McKnight Memory and Cognitive Disorders Award (MCD Awards). The MCD Awards support neuroscientists who are working to apply the knowledge achieved through basic or clincial research to human brain disorders that affect memory or cognition, e.g. Alzheimer's Disease. They are designed to stimulate innovative approaches that might lead to therapies and cures. Collaborative and cross-disciplinary projects are encouraged. For descriptions of previous awards, see www.neuroscience.mcknight.org/.

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. 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 will translate to diagnosis, prevention, treatment, or cure. Investigators must U.S. citizens or lawful permanent residents, be working at not-for-profit institutions within the United States, and hold tenured or tenure-track positions at their sponsoring institution. Funds may be used toward a variety of research activities but not the recipient's salary.

The selection committee will invite a few applicants to submit complete proposals, from which up to four awards will be selected. Each provides \$100,000 annually for three years. Letters of intent are due in early-April and should be emailed to a an email account set up for this purpose (neuro@mcknight.org) for consideration. Awards are announced in December and begin February 1 of the following year.

THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

<u>Awardee/Institution</u>	<u>Research Project</u>	<u>Unpaid Balance 12/31/11</u>	<u>Approved 2012</u>	<u>Paid 2012</u>	<u>Unpaid Balance 12/31/12</u>
<u>Neuroscience of Brain Disorders Awards 2010-2012</u>					
Rita Balice-Gordon/Josep Dalmau U. of Pennsylvania School of Medicine Philadelphia, PA	Cellular, Synaptic and Circuit Mechanisms of Autoimmune anti-Glutamate Receptor Disorders of Memory and Cognition	100,000	0	100,000	0
Angelique Bordey Yale University School of Medicine New Haven, CT	Cognitive Deficits in Tuberous Sclerosis Complex	100,000	0	100,000	0
Michael DeWeese U of California, Berkeley Berkeley, CA	Probing the Cortical Mechanisms of Working Memory	100,000	0	100,000	0
<u>Memory & Cognitive Disorders Awards 2011-2013</u>					
Cristina Alberini Mount Sinai School of Medicine New York, NY	The Role of Astrocytes in Memory and Cognitive Disorders	200,000	0	100,000	100,000
Anis Contractor Northwestern University School of Medicine Evanston, IL	Activating Group I mGluRs to Repress Fear Memory	200,000	0	100,000	100,000
Loren Frank/Mary Dallman University of California, San Francisco San Francisco, CA	A Circuit Level Approach to Understanding and Treating Stress-Related Memory Disorders	200,000	0	100,000	100,000
Michael Mauk/Daniel Johnston U. of Texas at Austin Austin, TX	Cortical Persistent Activity Mechanisms of Working Memory	200,000	0	100,000	100,000
<u>Memory & Cognitive Disorders Awards 2012-2014</u>					
Ben Barres Stanford University School of Medicine Stanford, CA	Do Astorcytes Control Synaptic Turnover? A New Model for What Causes Alzheimer's Disease and How to Prevent It	300,000		100,000	200,000

THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

<u>Awardee/Institution</u>	<u>Research Project</u>	<u>Unpaid Balance</u> <u>12/31/11</u>	<u>Approved 2012</u>	<u>Paid 2012</u>	<u>Unpaid Balance</u> <u>12/31/12</u>
Wen-Biao Gan Skirball Institute-NYU School of Medicine New York, NY	Microglial Function in Learning and Memory Disorders	300,000		100,000	200,000
Elizabeth Kensinger Boston College Boston, MA	Changes in the Temporal Dynamics and Connectivity of Emotional Memory Networks Across the Adult Lifespan	300,000		100,000	200,000
Brian Wiltgen University of Virginia Charlottesville, VA	Reactivation of Neurocortical Memory Networks During Consolidation	300,000		100,000	200,000
<u>Memory & Cognitive Disorders Awards 2013-2015</u>					
Allison Barth Carnegie Mellon University Pittsburgh, PA	Ceet-specific capture of experience-dependent plasticity in the neocortex	0	300,000		300,000 *
Charles Gray Montana State University Bozeman, MT	Distributed processing underlying cognition	0	300,000		300,000 *
Geoffrey Kerchner & Anthony Wagner Stanford University School of Medicine Stanford, CA	Hippocampal structure and function in cognitive impairment	0	300,000		300,000 *
Attila Losonczy Columbia University New York, NY	Dissecting hippocampal microcircuit dysfunctions underlying cognitive memory deficits in schizophrenia	0	300,000		300,000 *
<u>Technological Innovation Awards 2011-2012</u>					
Sandra Bajjalich University of Washington Seattle, WA	Developing Biosensors for Signaling Lipids	100,000	0	100,000	0

THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

<u>Awardee/Institution</u>	<u>Research Project</u>	<u>Unpaid Balance 12/31/11</u>	<u>Approved 2012</u>	<u>Paid 2012</u>	<u>Unpaid Balance 12/31/12</u>
Gouping Feng Massachusetts Institute of Technology Cambridge, MA	Developing a Molecular, in vivo Tool for Genetic Manipulation of Behaviorally Defined Neuronal Microcircuits Using Coincidence Detection of Activity and Light	100,000	0	100,000	0
Feng Zhang Broad Institute of MIT and Harvard Cambridge, MA	Precise Genome Engineering Using Designer TAL Effectors	100,000	0	100,000	0
<u>Technological Innovation Awards 2012-2013</u>					
Don Arnold University of Southern California Los Angeles, CA	Ablating intrabodies-tools for direct ablation of endogenous proteins	0	200,000	100,000	100,000 *
James Eberwine & Ivan Dmochowski University of Pennsylvania Philadelphia, PA	TIVA-tag enables true neuronal systems genomics	0	50,000	25,000	25,000 *
Doris Tsao & William Tyler California Inst. of Technology/Virginia Tech Carilion Pasadena, CA/Roanoke, VA	Functional modulation of intact primate brain circuits using pulsed ultrasounds	0	200,000	100,000	100,000 *
Samuel S.H. Wang Princeton University Princeton, NJ	Transcending the dynamiclimits of genetically endodable calcium indicators	0	150,000	75,000	75,000 *
<u>Scholar Awards 2010-2012</u>					
Anatol Kreitzer J. David Gladstone Institutes San Francisco, CA	Function and Dysfunction of Basal Ganglia Circuits in Vivo	75,000	0	75,000	0
Seok-Yong Lee Duke University Medical Center Durham, NC	Structure and Pharmacology of Sodium Channel Voltage Sensors	75,000	0	75,000	0

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Stavros Lomvardas University of California, San Francisco San Francisco, CA	Molecular Mechanisms of Olfactory Receptor Choice	75,000	0	75,000	0
Song-Hai Shi Memorial Sloan-Kettering Cancer Center New York, NY	Clonal Production and Organization of Interneurons in the Mammalian Neocortex	75,000	0	75,000	0
Andreas Tolias Baylor College of Medicine Houston, TX	The Functional Organization of the Cortical Microcolumn	75,000	0	75,000	0
<u>Scholar Awards 2011-2013</u>					
Adam Carter New York University New York, NY	Synapse Specificity in Striatal Circuits	150,000	0	75,000	75,000
Sandeep Robert Datta Harvard Medical School Cambridge, MA	Neural Mechanisms Underlying Sensory-Driven Behaviors	150,000	0	75,000	75,000
Qing Fan Columbia University New York, NY	Molecular Mechanism of Metabotropic GABA Receptor Function	150,000	0	75,000	75,000
Ila Fiete University of Texas, Austin Austin, TX	Cortical Error-Correction for Near-Exact Computation	150,000	0	75,000	75,000
Winrich Freiwald Rockefeller University New York, NY	From Face Recognition to Social Cognition	150,000	0	75,000	75,000
Nathaniel Sawtell Columbia University New York, NY	Mechanisms for Sensory Prediction in Cerebellar Circuits	150,000	0	75,000	75,000

Scholar Awards 2012-2014

THE McKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE

<u>Awardee/Institution</u>	<u>Research Project</u>	<u>Unpaid Balance</u> <u>12/31/11</u>	<u>Approved 2012</u>	<u>Paid 2012</u>	<u>Unpaid Balance</u> <u>12/31/12</u>
Anne Churchland Cold Spring Harbor Laboratory Cold Spring Harbor, NY	Neural Circuits for Multisensory Decision-Making	0	225,000	75,000	150,000 *
Patrick Drew Pennsylvania State University University Park, PA	Imaging Neurovascular Coupling in the Behaving Animal	0	225,000	75,000	150,000 *
David Freedman University of Chicago Chicago, IL	Neuronal Mechanism of Visual Categorization and Decision-Making	0	225,000	75,000	150,000 *
Mala Murthy Princeton University Princeton, NJ	Neural Mechanisms Underlying Acoustic Communication in Drosophila	0	225,000	75,000	150,000 *
Jonathan Pillow University of Texas at Austin Austin, TX	Deciphering Cortical Representations at the Level of Spikes, Currents, and Conductances	0	225,000	75,000	150,000 *
Vanessa Ruta Rockefeller University New York, NY	The Functional Organization of the Neural Circuits Underlying Olfactory Learning	0	225,000	75,000	150,000 *
Returned Award Funds			(8,041)	(8,041)	
Totals		3,875,000	3,141,959	2,966,959	4,050,000

* Total approved in current year for payment in future years - \$2,400,000