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

**2010**Department of the Treasury  
Internal Revenue Service

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

For calendar year 2010, or tax year beginning , and ending

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

Name of foundation <b>THE MCKNIGHT ENDOWMENT FUND FOR NEUROSCIENCE</b>		A Employer identification number <b>41-1563321</b>
Number and street (or P.O. box number if mail is not delivered to street address) <b>710 SECOND STREET SOUTH</b>	Room/suite <b>400</b>	B Telephone number <b>612-333-4220</b>
City or town, state, and ZIP code <b>MINNEAPOLIS, MN 55401</b>		C If exemption application is pending, check here <input type="checkbox"/>
H Check type of organization: <input checked="" type="checkbox"/> Section 501(c)(3) exempt private foundation <input type="checkbox"/> Section 4947(a)(1) nonexempt charitable trust <input type="checkbox"/> Other taxable private foundation		D 1. Foreign organizations, check here <input type="checkbox"/> 2. Foreign organizations meeting the 85% test, check here and attach computation <input type="checkbox"/>
I Fair market value of all assets at end of year (from Part II, col (c), line 16) \$ <b>10,828.</b>	J Accounting method: <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____	E If private foundation status was terminated under section 507(b)(1)(A), check here <input type="checkbox"/>
(Part I, column (d) must be on cash basis)		F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here <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)
1 Contributions, gifts, grants, etc., received		3,992,000.			
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		3,992,000.	0.	0.	
13 Compensation of officers, directors, trustees, etc.		45,500.	0.	0.	45,500.
14 Other employee salaries and wages					
15 Pension plans, employee benefits					
16a Legal fees					
b Accounting fees STMT 1		7,919.	0.	0.	7,919.
c Other professional fees STMT 2		153,500.	0.	0.	153,500.
17 Interest					
18 Taxes					
19 Depreciation and depletion					
20 Occupancy					
21 Travel, conferences, and meetings		280,842.	0.	0.	280,842.
22 Printing and publications					
23 Other expenses STMT 3		23,502.	0.	0.	23,502.
24 Total operating and administrative expenses. Add lines 13 through 23		511,263.	0.	0.	511,263.
25 Contributions, gifts, grants paid		3,474,232.			3,474,232.
26 Total expenses and disbursements. Add lines 24 and 25		3,985,495.	0.	0.	3,985,495.
27 Subtract line 26 from line 12:					
a Excess of revenue over expenses and disbursements		6,505.			
b Net investment income (if negative, enter -0-)			0.		
c Adjusted net income (if negative, enter -0-)				0.	

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12-07-10

LHA For Paperwork Reduction Act Notice, see the instructions.

Form 990-PF (2010)

SCANNED MAY 19 2011

Revenue

Operating and Administrative Expenses

**THE MCKNIGHT ENDOWMENT FUND FOR  
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<b>Part II Balance Sheets</b> <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
<b>Assets</b>	1 Cash - non-interest-bearing	4,323.	10,828.	10,828.
	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			
<b>Liabilities</b>	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 <b>Total assets (to be completed by all filers)</b>	4,323.	10,828.	10,828.
	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 <b>Total liabilities (add lines 17 through 22)</b>	0.	0.		
<b>Net Assets or Fund Balances</b>	Foundations that follow SFAS 117, check here ▶ <input type="checkbox"/>			
	24 Unrestricted			
	25 Temporarily restricted			
	26 Permanently restricted			
	Foundations that do not follow SFAS 117, check here ▶ <input checked="" type="checkbox"/>			
	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	4,323.	10,828.	
30 <b>Total net assets or fund balances</b>	4,323.	10,828.		
31 <b>Total liabilities and net assets/fund balances</b>	4,323.	10,828.		

**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	4,323.
2 Enter amount from Part I, line 27a	2	6,505.
3 Other increases not included in line 2 (itemize) ▶	3	0.
4 Add lines 1, 2, and 3	4	10,828.
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	10,828.

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

  

2 Capital gain net income or (net capital loss) <span style="font-size: small;">{ If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7 }</span>	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	3	

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

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

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

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period?

☐ Yes ☒ No

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

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

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2009			
2008			
2007			
2006			
2005			

  

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 2010 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.

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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 <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-)			
5 Tax based on investment income. Subtract line 4 from line 3. If zero or less, enter -0-			
6 Credits/Payments:			
a 2010 estimated tax payments and 2009 overpayment credited to 2010	6a		
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 <input type="checkbox"/> 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		
11 Enter the amount of line 10 to be: Credited to 2011 estimated tax <input type="checkbox"/> Refunded <input type="checkbox"/>	11		

**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
b 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
c Did the foundation file Form 1120-POL for this year?		X
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year: (1) On the foundation. ► \$ 0. (2) On foundation managers. ► \$ 0.		
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers. ► \$ 0.		
2 Has the foundation engaged in any activities that have not previously been reported to the IRS? If "Yes," attach a detailed description of the activities.		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) ► 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 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 2010 or the taxable year beginning in 2010 (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

N/A

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**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)	11		X
12	Did the foundation acquire a direct or indirect interest in any applicable insurance contract before August 17, 2008?	12		X
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address ► <b>WWW.MCKNIGHT.ORG/NEUROSCIENCE</b>	13	X	
14	The books are in care of ► <b>RICK SCOTT</b> Telephone no. ► <b>612-333-4220</b> Located at ► <b>710 SECOND STREET SOUTH, MINNEAPOLIS, MN</b> ZIP+4 ► <b>55401</b>			
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 2010, 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 page 20 of 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 page 22 of the instructions)? Organizations relying on a current notice regarding disaster assistance check here ► <input type="checkbox"/>	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 2010?	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 2010, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2010? If "Yes," list the years ► _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b Are there any years listed in 2a for which the foundation is <b>not</b> 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 <b>all</b> years listed, answer "No" and attach statement - see instructions.)	N/A	
c If the provisions of section 4942(a)(2) are being applied to <b>any</b> of the years listed in 2a, list the years here. ► _____	2b	
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 2010 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 2010.)	N/A	
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 2010?	4b	X

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**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)?

5b

X

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

6b

X

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract?

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

7b

b If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction?

N/A

**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		45,500.	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

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

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
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	
	251,892.
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.

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**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	5,772.
c	Fair market value of all other assets	1c	
d	Total (add lines 1a, b, and c)	1d	5,772.
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	5,772.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	87.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	5,685.
6	Minimum investment return. Enter 5% of line 5	6	284.

**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 2010 from Part VI, line 5	2a	
b	Income tax for 2010. (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	3,985,495.
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	3,985,495.
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	3,985,495.

**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)

N/A

	(a) Corpus	(b) Years prior to 2009	(c) 2009	(d) 2010
1 Distributable amount for 2010 from Part XI, line 7				
2 Undistributed income, if any, as of the end of 2010				
a Enter amount for 2009 only				
b Total for prior years:				
3 Excess distributions carryover, if any, to 2010:				
a From 2005				
b From 2006				
c From 2007				
d From 2008				
e From 2009				
f Total of lines 3a through e				
4 Qualifying distributions for 2010 from Part XII, line 4: ▶ \$				
a Applied to 2009, 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 2010 distributable amount				
e Remaining amount distributed out of corpus				
5 Excess distributions carryover applied to 2010 (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 2009. Subtract line 4a from line 2a. Taxable amount - see instr.				
f Undistributed income for 2010. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2011				
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 2005 not applied on line 5 or line 7				
9 Excess distributions carryover to 2011. Subtract lines 7 and 8 from line 6a				
10 Analysis of line 9:				
a Excess from 2006				
b Excess from 2007				
c Excess from 2008				
d Excess from 2009				
e Excess from 2010				

**THE MCKNIGHT ENDOWMENT FUND FOR  
NEUROSCIENCE**

**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 2010, 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)

**2 a** Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed

**b** 85% of line 2a

**c** Qualifying distributions from Part XII, line 4 for each year listed

**d** Amounts included in line 2c not used directly for active conduct of exempt activities

**e** Qualifying distributions made directly for active conduct of exempt activities.

Subtract line 2d from line 2c

**3** Complete 3a, b, or c for the alternative test relied upon:

**a** "Assets" alternative test - enter:

(1) Value of all assets

(2) Value of assets qualifying under section 4942(j)(3)(B)(i)

**b** "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed

**c** "Support" alternative test - enter:

(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)

(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)

(3) Largest amount of support from an exempt organization

(4) Gross investment income

Tax year	Prior 3 years			(e) Total
(a) 2010	(b) 2009	(c) 2008	(d) 2007	
0.	548.	0.	0.	548.
0.	466.	0.	0.	466.
3,985,495.	4,606,912.	4,478,706.	4,545,245.	17616358.
3,474,232.	4,100,000.	4,000,000.	4,000,000.	15574232.
511,263.	506,912.	478,706.	545,245.	2,042,126.
10,828.	4,323.	32,371.	16,411.	63,933.
10,828.	4,323.	32,371.	16,411.	63,933.
				0.
3,992,000.	4,578,000.	4,465,000.	4,506,000.	17541000.
				0.
3,992,000.	4,578,000.	4,465,000.	4,506,000.	17541000.
0.	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 the 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 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  
NEUROSCIENCE**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 7		NONE		TO SUPPORT RESEARCH IN NEUROSCIENCE	3474232.
Total					▶ 3a 3474232.
b Approved for future payment SEE STATEMENT 7		NONE		TO SUPPORT RESEARCH IN NEUROSCIENCE	2250000.
Total					▶ 3b 2250000.





**Schedule B**  
(Form 990, 990-EZ,  
or 990-PF)

Department of the Treasury  
Internal Revenue Service

**Schedule of Contributors**

▶ Attach to Form 990, 990-EZ, or 990-PF.

OMB No 1545-0047

**2010**

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 foundation

Check 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, aggregate 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 aggregate 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 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) (2010)

Name of organization  
**THE MCKNIGHT ENDOWMENT FUND FOR  
 NEUROSCIENCE**

Employer identification number

41-1563321

**Part I** Contributors (see instructions)

(a) No.	(b) Name, address, and ZIP + 4	(c) Aggregate contributions	(d) Type of contribution
1	<b>THE MCKNIGHT FOUNDATION</b> <b>710 SECOND STREET SO., SUITE 400</b> <b>MINNEAPOLIS, MN 55401</b>	\$ 3,992,000.	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.)





Name of organization

Employer identification number

THE MCKNIGHT ENDOWMENT FUND FOR  
NEUROSCIENCE

41-1563321

**Part III** Exclusively religious, charitable, etc., individual contributions to section 501(c)(7), (8), or (10) organizations aggregating 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 See instructions.) ▶ \$

(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

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FORM 990-PF	ACCOUNTING FEES	STATEMENT	1
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DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
ACCOUNTING FEES	7,919.	0.	0.	7,919.
TO FORM 990-PF, PG 1, LN 16B	7,919.	0.	0.	7,919.

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FORM 990-PF	OTHER PROFESSIONAL FEES	STATEMENT	2
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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	53,500.	0.	0.	53,500.
TO FORM 990-PF, PG 1, LN 16C	153,500.	0.	0.	153,500.

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FORM 990-PF	OTHER EXPENSES	STATEMENT	3
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DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
PRINTING AND ADVERTISING	18,686.	0.	0.	18,686.
POSTAGE AND SHIPPING	1,977.	0.	0.	1,977.
COMMUNICATION EXPENSE	2,450.	0.	0.	2,450.
MISCELLANEOUS	389.	0.	0.	389.
TO FORM 990-PF, PG 1, LN 23	23,502.	0.	0.	23,502.

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

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NAME AND ADDRESS	TITLE AND AVRG HRS/WK	COMPEN- SATION	EMPLOYEE BEN PLAN CONTRIB	EXPENSE ACCOUNT
CARLA J. SHATZ, PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	PRESIDENT 1.00	7,000.	0.	0.
THOMAS JESSELL, PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	VICE PRESIDENT 1.00	9,500.	0.	0.
PATRICIA S. BINGER 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	SECRETARY/TREASURER 0.75	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.
COREY S GOODMAN, PH. D 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 0.75	1,500.	0.	0.
DAVID JULIUS, PH. D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 0.75	4,000.	0.	0.
ERIC J. NESTLER, M.D., PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 1.25	4,500.	0.	0.
LARRY SQUIRE, PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 0.75	2,000.	0.	0.
DAVID W. TANK, PH.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 1.75	5,500.	0.	0.
KATE WOLFORD 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 0.25	0.	0.	0.
HUDA ZOGHBI, M.D. 710 SECOND STREET SOUTH, SUITE 400 MINNEAPOLIS, MN 55401	DIRECTOR 1.00	4,500.	0.	0.
TOTALS INCLUDED ON 990-PF, PAGE 6, PART VIII		45,500.	0.	0.

The McKnight Endowment Fund for Neuroscience  
Identification No. 41-1563321  
Supplementary Information  
Form 990-PF IX-A, Line 1  
2010

The McKnight Conference on Neuroscience was held on June 11 through June 14, 2010, at the Aspen Meadows Resort Hotel and Conference Center in Aspen, Colorado. Ninety-nine scientists attended, including eight members of the board of directors of the McKnight Endowment Fund for Neuroscience, ten members of the awards selection committees, and five guest speakers. Also attending was two McKnight board members, one former McKnight board member, and three Foundation staff members.

Fifteen McKnight award recipients and five guest speakers presented the findings of their brain research projects during three conference sessions and two special lectures. Additionally, this year, one of the Endowment Fund board members presented during the technology workshop session. One special lecture was on the Neurobiology of Innate Behavior. The other special lecture focused on the Frontiers of Basic and Translational Neuroscience as they pertain to motor control. The disease workshop topic was about the science surrounding motor neuron diseases. The sessions included:

- Award recipient scientific presentations
- The disease workshop
- The technology workshop

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.

The McKnight Conference on Neuroscience provides a forum for: 1) sharing of research developments by and between McKnight Endowment Fund for Neuroscience 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 10 through 13, 2011, at the Aspen Meadows Resort Hotel and Conference Center in Aspen, Colorado. Fourteen recipients of McKnight awards and four guest speakers will present the findings of their brain research projects.

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The McKnight Endowment Fund for Neuroscience  
Identification No. 41-1563321  
Supplementary Information  
FORM 990-PF, PART XV, LINE 2  
2010

**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. For descriptions of previous awards, see [www.mcknight.org/neuroscience](http://www.mcknight.org/neuroscience).

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 and must be working at not-for-profit institutions within the United States. 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 must arrive at the office of the McKnight Endowment Fund for Neuroscience (710 South Second Street, Suite 400, Minneapolis, MN 55401) 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.mcknight.org/neuroscience](http://www.mcknight.org/neuroscience).

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 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 four 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](mailto:neuro@mcknight.org)) for consideration. Awards are announced in late June and begin on August 1.

### **McKnight Neuroscience of Brain Disorders Awards**

These awards support neuroscientists who are working to apply recent discoveries about the brain and nervous system to solving the problems of neurological and psychiatric diseases. They are designed to stimulate innovative approaches that might lead to therapies and cures. Collaborative projects between basic and clinical neuroscientists are welcomed, as are proposals that help link basic with clinical neuroscience. For descriptions of previous awards, see [www.mcknight.org/neuroscience](http://www.mcknight.org/neuroscience).

The first step is to submit a two-page letter of intent describing the project and how the basic research will be applied to improving the understanding of a brain disorder or disease. 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. Funds may be used toward a variety of research activities but not the recipient's salary. Investigators must be working at not-for-profit institutions within the United States. 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 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](mailto: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</u> <u>12/31/09</u>	<u>Approved 2010</u>	<u>Paid 2010</u>	<u>Unpaid Balance</u> <u>12/31/10</u>
<u>Neuroscience of Brain Disorders Awards 2008-2010</u>					
Ilya Bezprozvanny University of Texas Southwestern Medical Center Dallas, Texas	Deranged Calcium Signaling and Neurodegeneration in Alzheimer's Disease	100,000	0	100,000	0
Ming Guo University of California, Los Angeles Los Angeles, California	Drosophila Models of Parkinson Disease	100,000	0	100,000	0
Maria Karayiorgou Columbia University Medical Center New York, New York	A Genetic Mouse Model of Schizophrenia Implicates miRNA Biogenesis in Disease	100,000	0	100,000	0
Bingwei Lu Stanford University Stanford, California	Understanding the Molecular Basis of Synaptic Dysfunction in Alzheimer's Disease	100,000	0	100,000	0
Colleen McClung University of Texas Southwestern Medical Center Dallas, Texas	The Role of CLOCK and CCK in the Development and Treatment of Mania	100,000	0	100,000	0
Mark Tanouye University of California, Berkeley Berkeley, California	Neurological drug development using Drosophila Seizure-Suppressor Mutants	100,000	0	100,000	0
<u>Neuroscience of Brain Disorders Awards 2009-2011</u>					
David Corey University of Texas Southwestern Medical Center Dallas, Texas	Allele-selective Inhibition of Mutant Huntingtin and Other Triplet Repeat Proteins	200,000	0	100,000	100,000
Robert Edwards UCSF School of Medicine San Francisco, CA	The Regulation of Mitochondrial Morphology by a- Synuclein	200,000	0	100,000	100,000
Mirjana Maletic-Savatic Baylor College of Medicine Houston, TX	Metabolomic Biomarkers of Autism Spectrum Disorders	200,000	0	100,000	100,000
John Wemmie/Vincent Magnotta University of Iowa Iowa City, IA	Dynamics of brain pH in psychiatric and neurological disease	200,000	0	100,000	100,000



<u>Awardee/Institution</u>	<u>Research Project</u>	<u>Unpaid Balance</u> <u>12/31/09</u>	<u>Approved 2010</u>	<u>Paid 2010</u>	<u>Unpaid Balance</u> <u>12/31/10</u>
X. William Yang UC Los Angeles Los Angeles, CA	Basal Ganglia Circuitry & Molecular Deficits in a Mouse Model of Tourette Syndrome	200,000	0	100,000	100,000
R. Suzanne Zukin Albert Einstein College of Medicine New York, NY	Epigenetic Remodeling of Neuronal Genes in Global Ischemia	200,000	0	100,000	100,000
<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	300,000	0	100,000	200,000
Angelique Bordey Yale University School of Medicine New Haven, CT	Cognitive Deficits in Tuberous Sclerosis Complex	300,000	0	100,000	200,000
Michael DeWeese U of California, Berkeley Berkeley, CA	Probing the Cortical Mechanisms of Working Memory	300,000	0	100,000	200,000
<u>Memory &amp; 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	0	300,000	0	300,000 *
Anis Contractor Northwestern University School of Medicine Evanston, IL	Activating Group I mGluRs to Repress Fear Memory	0	300,000	0	300,000 *
Loren Frank/Mary Dallman University of California, San Francisco San Francisco, CA	A Circuit Level Approach to Understanding and Treating Stress-Related Memory Disorders	0	300,000	0	300,000 *
Michael Mauk/Daniel Johnston U. of Texas at Austin Austin, TX	Cortical Persistent Activity Mechanisms of Working Memory	0	300,000	0	300,000 *

<u>Awardee/Institution</u>	<u>Research Project</u>	<u>Unpaid Balance</u> <u>12/31/09</u>	<u>Approved 2010</u>	<u>Paid 2010</u>	<u>Unpaid Balance</u> <u>12/31/10</u>
<u>Technological Innovation Awards 2009-2011</u>					
Joseph Fetcho Cornell University Ithaca, NY	Mapping Patterns of Synaptic Connections In Vivo	100,000	0	100,000	0
Pavel Osten Cold Spring Harbor Laboratory Cold Spring Harbor, NY	Automated High-throughput anatomy for fluorescent mouse brain	100,000	0	100,000	0
Thomas Otis U. of California, School of Medicine Los Angeles, CA	Development of Optical Methods for Monitoring Voltage in Groups of Neuroanatomically Defined Neurons	100,000	0	100,000	0
Larry Young Emory University Atlanta, GA	Development of Transgenic Technologies in Prairie Voles for Dissecting the Genetics and Neural Circuitry of Social Bonding	100,000	0	100,000	0
<u>Technological Innovation Awards 2010-2012</u>					
Michael Berry Princeton University Princeton, NJ	Microfabricated Patch Clamp Micropipette	0	160,000	80,000	80,000 *
Robert Kennedy University of Michigan Ann Arbor, MI	In vivo Monitoring of Neurotransmitters at High Spatial and Temporal Resolution	0	200,000	100,000	100,000 *
Timothy Ryan Weill Cornell Medical College New York, NY	Development of a Synaptic ATP Reporter	0	40,000	20,000	20,000 *
W. Daniel Tracey Duke University Medical Center Durham, NC	Genetically Encoded Rhabdoviruses for Functioning Mapping of Neuronal Connectivity	0	200,000	100,000	100,000 *
<u>Scholar Awards 2008-2010</u>					
Jeremy Dasen NYU School of Medicine New York, NY	Mechanisms of Synaptic Specificity in the Vertebrate Spinal Cord	75,000	(75,000)	0	0
Wesley Grueber Columbia University New York, NY	Dendritic Field Patterning by Attractive & Repulsive Cues	75,000	0	75,000	0

<u>Awardee/Institution</u>	<u>Research Project</u>	<u>Unpaid Balance</u> <u>12/31/09</u>	<u>Approved 2010</u>	<u>Paid 2010</u>	<u>Unpaid Balance</u> <u>12/31/10</u>
Greg Horwitz University of Washington Seattle, WA	Magnocellular Contributions to Color Processing	75,000	0	75,000	0
Coleen Murphy Princeton University Princeton, NJ	Molecular Characterization of Long-Term Memory Maintenance with Age	75,000	0	75,000	0
Bence Olveczky Harvard University Cambridge, MA	Functional Organization of Neural Circuits Underlying Sensorimotor Learning	75,000	0	75,000	0
Liam Paninski Columbia University New York, NY	Using advanced Statistical Techniques to Decipher Population Codes	75,000	0	75,000	0
Bigan Pesaran New York University New York, NY	Deciding Where to Look and Where to Reach	75,000	0	75,000	0
<u>Scholar Awards 2009-2011</u>					
Diana Bautista U of California, Berkeley Berkeley, CA	Molecular and Cellular Mechanisms of Mammalian Touch and Pain	150,000	0	75,000	75,000
James Bisley U. of California, Los Angeles Los Angeles, CA	The Role of Posterior Parietal Cortex in Guiding Attention and Eye Movements	150,000	0	75,000	75,000
Nathaniel Daw New York University New York, NY	Decision Making in Structured, Sequential Tasks: Combining Computational, Behavioral, and Neuroscientific Approaches	150,000	0	75,000	75,000
Alakkam Sampath University of Southern California Los Angeles, CA	The Role of Optimal Processing in Setting Sensory Threshold	150,000	0	75,000	75,000
Tatyana Sharpee Salk Institute for Biological Studies La Jolla, CA	Discrete Representation of Visual Shapes in the Brain	150,000	0	75,000	75,000
Kausik Si Stowers Institute for Medical Research Kansas City, MO	Role of Prion-like Molecule in Persistence of Memory	150,000	0	75,000	75,000

<u>Awardee/Institution</u>	<u>Research Project</u>	<u>Unpaid Balance</u> <u>12/31/09</u>	<u>Approved 2010</u>	<u>Paid 2010</u>	<u>Unpaid Balance</u> <u>12/31/10</u>
<u>Scholar Awards 2010-2012</u>					
Anatol Kreitzer	Function and Dysfunction of Basal Ganglia Circuits in Vivo	0	225,000	75,000	150,000 *
J. David Gladstone Institutes San Francisco, CA					
Seok-Yong Lee	Structure and Pharmacology of Sodium Channel Voltage Sensors	0	225,000	75,000	150,000 *
Duke University Medical Center Durham, NC					
Stavros Lomvardas	Molecular Mechanisms of Olfactory Receptor Choice	0	225,000	75,000	150,000 *
University of California, San Francisco San Francisco, CA					
Song-Hai Shi	Clonal Production and Organization of Interneurons in the Mammalian Neocortex	0	225,000	75,000	150,000 *
Memorial Sloan-Kettering Cancer Center New York, NY					
Andreas Tolias	The Functional Organization of the Cortical Microcolumn	0	225,000	75,000	150,000 *
Baylor College of Medicine Houston, TX					
Returned Award Funds			(768)	(768)	
<b>Totals</b>		<b>4,525,000</b>	<b>2,849,232</b>	<b>3,474,232</b>	<b>3,900,000</b>

\* Total approved in current year for payment in future years - \$2,250,000