



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1616

1. **Project Title** UF Health Center for Translational Research in Neurodegenerative Disease2. **Senate Sponsor** Lizbeth Benacquisto3. **Date of Request** 12/06/20194. **Project/Program Description**

The Center for Translational Research in Neurodegenerative Disease (CTRND) at the University of Florida (UF) is a high-impact program of scientific discovery aimed at translating basic discoveries into therapies that benefit patients. Our major focus is on Alzheimer's and Parkinson's disease. These State funds have in the past, and will continue, to support the development of major programmatic initiatives at the UF CTRND and within the state. Our mission is to discover, develop and evaluate novel treatments and diagnostics for degenerative brain diseases including Alzheimer's disease, Parkinson's disease, and stroke. This research will help to change the current understanding of these diseases from being inevitable, incurable, and largely untreatable to a new reality in which these diseases are preventable, curable, and treatable. Our dedicated faculty and staff conduct world-class translational research in neurodegenerative disease and train the next generation of scientists.

5. **State Agency to receive requested funds** Department of EducationState Agency contacted? ☐ Yes ☒ No6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	4,000,000
Fixed Capital Outlay	1,000,000
Total State Funds Requested	5,000,000

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	5000000	15.0 %
Matching Funds		
Federal	22,500,000	66 %
State (excluding the amount of this request)	00	0 %
Local	4,000,000	12 %
Other	2,500,000	7 %
Total Project Costs for Fiscal Year 2020-2021	34,000,000	100 %

8. **Has this project previously received state funding?** ☒ Yes ☐ No

If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2019-20	00	2,000,000	151	No

9. **Is future-year funding likely to be requested?** ☒ Yes ☐ No

If yes, indicate nonrecurring amount per year. 4,000,000



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10. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	none requested	0
Other Salary and Benefits	none requested	0
Expense/Equipment/Travel/Supplies/Other	none requested	0
Consultants/Contracted Services/Study	none requested	0
Operational Costs: Other		
Salary and Benefits	Partial support for over 40 staff scientists, postdoctoral fellows and other trainees who support our Alzheimer's disease research efforts.	1,000,000
Expense/Equipment/Travel/Supplies/Other	Human imaging studies that support the 1FLorida ADRC (\$1,000,000) - these funds will be spent at UF, UM and MSMC. Support for funds to develop new major grant initiatives that will lead to long-term major funding (\$1,750,000).	2,750,000
Consultants/Contracted Services/Study	Information technology and database support for the 1FLORIDA Alzheimer's Disease Research Center.	250,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Space Renovation to accommodate the 1FLorida ADRC Brain Bank (will be matched by funds from UF) and Laboratory renovation for 1 new hire.	1,000,000
Total State Funds Requested (must equal total from question #6)		5,000,000



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11. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?

The Center for Translational Research in Neurodegenerative Disease (CTRND) at the University of Florida (UF) is a high-impact program of scientific discovery aimed at translating basic discoveries in neurodegenerative disease into therapies that benefit patients. Our major focus is on Alzheimer's and Parkinson's disease. The center started in 2010 has been tremendously successful. The CTRND has ~ \$13M/year in extramural funding in 2019. Other scientist at both UF and institutions affiliated with UF through our NIH funded 1Florida Alzheimer's Disease Research Center (FAU, FIU, Um, MSMC) that are supported by these funds have ~\$18M/yr more in extramural funds. A one time request is being made this year to support laboratory renovations to accommodate the 1Florida ADRC brain bank and renovations for 1 new faculty hire.

b. What activities and services will be provided to meet the intended purpose of these funds?

These State funds have in the past, and will continue, to support the development of major programmatic research initiatives related to Alzheimer's and other Dementia and Parkinson's disease and other movement disorders at the UF CTRND and within the state. They provide necessary support for the 1Florida ADRC (<https://www.nia.nih.gov/health/alzheimers-disease-research-centers>), which is a collaboration between Florida institutions that includes the University of Florida (UF), Mt. Sinai Medical Center in Miami Beach (MSMC), University of Miami (UM), Florida International University (FIU) and Florida Atlantic University (FAU). The 1Florida ADRC's global mission is to work with other ADRCs and stakeholders in the AD field to help change the understanding of AD and AD related dementias (AD+ADRD) to a new reality in which they are more facilely and accurately diagnosed, more effectively treated and ultimately preventable or curable.

c. What direct services will be provided to citizens by the appropriation project?

Participation in Alzheimer's and Parkinson's Disease Research Studies, Clinical Trials for new Alzheimer's and Parkinson's Therapies. Training of next generation physicians and scientists. Lay education regarding these disorders.

d. Who is the target population served by this project? How many individuals are expected to be served?

University/college students (~50), elderly persons (>1,000), persons with poor mental health (>1,000).

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

Increasing research portfolio in dementia and Parkinson's disease, increased Clinical trial access, Progress towards new therapies, New interventions, Professional and Lay Education regarding neurodegenerative disease coping, treatment and research. We track publications, patents issued, technology licensed, and extramural grant awards from publicly available databases.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for in the contract?

Penalties that would apply under misuse of public funds.



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12. **The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.**

University of Florida

13. **Requestor Contact Information**

- a. First Name Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number Ext.

14. **Recipient Contact Information**

- a. Organization
- b. Municipality and County
- c. Organization Type
- ☐ For-profit Entity
 - ☐ Non-Profit 501(c) (3)
 - ☐ Non-Profit 501(c) (4)
 - ☐ Local Entity
 - ☒ University or College
 - ☐ Other (please specify)
- d. First Name Last Name
- e. E-mail Address
- f. Phone Number

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number Ext.