



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1842

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. 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**
- State Agency contacted?** Yes

6. Amount of the Nonrecurring Request for Fiscal Year 2021-2022

Type of Funding	Amount
Operations	3,000,000
Fixed Capital Outlay	0
Total State Funds Requested	3,000,000

7. Total Project Cost for Fiscal Year 2021-2022 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	3,000,000	10%
Matching Funds		
Federal	22,950,586	81%
State (excluding the amount of this request)	0	0%
Local	2,500,000	9%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	28,450,586	100%

8. **Has this project previously received state funding?** Yes

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2020-21	0	1,500,000	154	No

9. **Is future funding likely to be requested?** Yes
- a. **If yes, indicate nonrecurring amount per year.**
- b. **Describe the source of funding that can be used in lieu of state funding.**
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10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

Yes

If yes, indicate the amount of funds received and what the funds were used for.

We have received supplement to our ADRC existing grant of \$154,001 related to impact of COVID on the elderly population.

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits	Partial Support for over 30 staff scientists, post doctoral fellows and other trainees.	875,000
Expense/Equipment/Travel/Supplies/Other	Partial Support for human imaging equipment and interventional equipment related that supports the 1Florida ADRC. Support for imaging studies in the 1FLorida ADRC.	2,000,000
Consultants/Contracted Services/Study	Information technology and database support for the 1FLORIDA Alzheimer's Disease Research Center.	125,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		3,000,000

12. 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. In addition CTRND intends to acquire the Exablate Neuro Focused Ultrasound machine for blood brain barrier disruption and targeted drug delivery.

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.



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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 the contract?

Penalties that would apply under misuse of public funds.

13. 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.

N/A



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14. Requestor Contact Information

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

15. 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

16. Lobbyist Contact Information

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