



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 2658

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

4. Project/Program Description

Through the Center for Translational Research in Neurodegenerative Disease (CTRND) and the 1Florida Alzheimer's Disease Research Center (1FLADRC), the University of Florida (UF) has established 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 but includes related neurodegenerative diseases (other forms of dementia, ALS). These State funds have in the past, and will continue, to support the development of major programmatic initiatives at UF 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.

5. **State Agency to receive requested funds**
- State Agency contacted?** Yes

6. Amount of the Nonrecurring Request for Fiscal Year 2024-2025

| Type of Funding | Amount |
|------------------------------------|------------------|
| Operations | 4,250,000 |
| Fixed Capital Outlay | 750,000 |
| Total State Funds Requested | 5,000,000 |

7. Total Project Cost for Fiscal Year 2024-2025 (including matching funds available for this project)

| Type of Funding | Amount | Percentage |
|--|-------------------|-------------|
| Total State Funds Requested (from question #6) | 5,000,000 | 12% |
| Matching Funds | | |
| Federal | 35,000,000 | 88% |
| State (excluding the amount of this request) | 0 | 0% |
| Local | 0 | 0% |
| Other | 0 | 0% |
| Total Project Costs for Fiscal Year 2024-2025 | 40,000,000 | 100% |

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

| Fiscal Year (yyyy-yy) | Amount | | Specific Appropriation # | Vetoed |
|--------------------------|-----------|--------------|-----------------------------|--------|
| | Recurring | Nonrecurring | | |
| 2023-24 | 0 | 3,500,000 | 148 | 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.

In 2021 we received a one time supplement to our 1FL ADRC grant of \$154,000 related to impact of COVID on the elderly population. I am sure UF has received federal assistance in other ways, but this is the only direct support and that was a grant mechanism.

Complete questions 11 and 12 for Fixed Capital Outlay Projects

11. Status of Construction

a. What is the current phase of the project?

- Planning
 Design
 Construction
 N/A

b. Is the project "shovel ready" (i.e permitted)?

c. What is the estimated start date of construction?

d. What is the estimated completion date of construction?

12. List 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.

UF Health

13. 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 60 staff scientists, physician scientists, postdoctoral fellows and other trainees. | 2,250,000 |
| Expense/Equipment/Travel/Supplies/Other | Research expenses to support programmatic grant submissions, "cost-shares" with ongoing federal grants including the 1FLADRC. Purchase of state of the art equipment needed to support several grants and replacement of aging equipment within the CTRND | 1,500,000 |
| Consultants/Contracted Services/Study | Partial support for procuring reagents and radioisotopes, collecting and banking patient tissue, and developing experimental models of dementia for characterizing novel immunotherapeutics targeting Tau for Alzheimer's and dementia an area of expertise at CTRND. | 500,000 |
| Fixed Capital Construction/Major Renovation: | | |



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| | | |
|--|--|------------------|
| Construction/Renovation/Land/ Planning Engineering | Renovation of McKnight Brain Institute facilities to support increased power and space demands in conduct of neuroimaging and other research. Also completion of fiscal commitment with the the Fixel Institute for Neurologic Disease to support human subject research for Alzheimer's and Parkinson's diseases (offset total project cost estimate of \$2,000,000). | 750,000 |
| Total State Funds Requested (must equal total from question #6) | | 5,000,000 |

14. Program Performance

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

These funds support our Alzheimer's and related disease research, including development of immunotherapies targeting the Tau protein. State funds provide an ability to support costs beyond the federal grants that now total over \$35M/yr. They help us to recruit new faculty, hire staff, build need infrastructure, provide training, develop innovations, and support activities required by these grants.

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 1FL ADRC and 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 (~250), elderly persons (>25,000), persons with poor mental health (>25,000).

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.

15. Requester Contact Information

a. First Name **Last Name**

b. Organization

c. E-mail Address

d. Phone Number **Ext.**



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LFIR # 2658

16. 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

17. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number