



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1402

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Early brain aneurysm detection before rupture is essential to prevent subarachnoid hemorrhage and, consequently, its deadly or incapacitating sequelae, as well as to decrease the economic burden. Our goal is to study the prevalence of aneurysms in patients with a positive family history for this condition in the state of Florida and analyze genetic profiles and biomarkers associated with this disease. Ideally, the development of a blood test could increase access to screening for the population, preventing aneurysm ruptures and decreasing the costs associated with SAH.

5. State Agency to receive requested funds

State Agency contacted?

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

Type of Funding	Amount
Operations	250,000
Fixed Capital Outlay	0
Total State Funds Requested	250,000

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)	250,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	250,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2020-21		250,000	509	Yes

9. Is future funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?



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

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	Salary for a laboratory technician to process blood samples and collected MRA brain images	40,000
Expense/Equipment/Travel/Supplies/Other	Laboratory supplies	5,000
Consultants/Contracted Services/Study	Consultant for statistical analysis	5,000
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Magnetic Resonance Angiography Blood sample: supplies, storage and processing.	200,000
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		250,000

12. Program Performance

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

To identify the true prevalence of intracranial aneurysms among first degree relatives of patients affected by this disease and study their genetic and biomarker profiles at the State of Florida.

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

Patients diagnosed with intracranial aneurysms will be inquired regarding their interest in recruiting first-degree relatives (siblings, children, and parents) for screening with Magnetic Resonance Angiography without contrast (MRA). Relatives enrolled for screening will also be requested to consent to the collection of blood samples.

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

This study can lead to a publication that can change the screening process we currently have for aneurysms and if specific genetic profiles and/or protein biomarkers show-up as promising candidates for early diagnosis, this will revolutionize the way we approach this disease.

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

Target population would be first degree relatives of patients who had intracranial aneurysms. In the State of Florida, the outcomes of this study will have a potential to serve 500 subjects.

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

Potential immediate benefits include diagnosis of intracranial aneurysms and proper referral to qualified personnel to manage lesions that should be treated. This study's future benefit would be the development of a blood test to increase access to screening for the population, preventing aneurysm rupture and decreasing the morbidity and economic burden associated with subarachnoid hemorrhage.



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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?

This is not applicable for this project, as we control the subject enrollment and protocol processing.

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