

# The Florida Senate Local Funding Initiative Request Fiscal Year 2024-2025

**LFIR # 2028** 

2. Senate Sponsor  Jay Collins 3. Date of Request  12/13/2023  4. Project/Program Description  This funding will allow USF Health to expand their research in genetic diseases by acquiring Cryogenic electron microscopy (cryo-EM) technology which can collect high-resolution information for research, publications and grant applications. Additionally, USF will use funding to recruit researchers working in drug discovery and biomedical and genetic research.  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  Operations  10,000,000  Fixed Capital Outlay  0 Total State Funds Requested  7. Total Project Cost for Fiscal Year 2024-2025 (including matching funds available for this project)  Type of Funding  Total State Funds Requested (from question #6)  10,000,000  10%  Matching Funds  Federal  0 0%  State (excluding the amount of this request)  0 0%  State (excluding the amount of this request)  No  10,000,000  10%  Total Project Costs for Fiscal Year 2024-2025  10,000,000  100%  10	1. Project Title	University of South Fl	orida (USF) H	ealth Genetic Resear	ch & Equipment	
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Yes		aroo or ramaning that our	. 50 4004 1	iou or otato ranamgi		
Yes						
	10. Has the entity red	juesting this project rec	eived any fed	deral assistance rela	ted to the COVID-1	19 pandemic?
	Yes					
If yes, indicate the amount of funds received and what the funds were used for.	If yes, indicate the	amount of funds receive	ved and what	the funds were used	d for.	



11. Status of Construction

Planning

a. What is the current phase of the project?

Design

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7,000,000

10,000,000

0

USF has received institutional COVID-19 assistance funding from the federal government but the funds we received cannot be used for the construction new classroom facilities as outlined in this request.

## Complete questions 11 and 12 for Fixed Capital Outlay Projects

Construction

b. Is the project "shovel ready"	(i.e permitted)?	
c. What is the estimated start d	late of construction?	
d. What is the estimated compl	etion date of construction?	
2. List the owners of the facility relationship between the own	to receive, directly or indirectly, any fixed capital outlay funding. In ers of the facility and the entity.	nclude the
3. Details on how the requested	state funds will be expended	
Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		C
Other Salary and Benefits		C
Expense/Equipment/Travel/Supplies, Other		C
Consultants/Contracted Services/Study		C
Operational Costs: Other		
Salary and Benefits	Recruitment packages for world-renowned researchers in drug	3,000,000

N/A

### 14. Program Performance

Planning Engineering

Consultants/Contracted

Construction/Renovation/Land/

Services/Study

Other

Expense/Equipment/Travel/Supplies/

Fixed Capital Construction/Major Renovation:

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

Total State Funds Requested (must equal total from question #6)

research.

Cryo-EM has emerged as the newest and most powerful tool to determine protein structures, which is an essential step in the development of novel drugs to treat human diseases. Having access to this technology is required for researchers to stay competitive and to be successful in garnering research funds from NIH, DOD, NSF, and other funding agencies.

To acquire, install and maintain the cyro-EM equipment for genetic

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



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These funds will be used to support the development of genetic research initiatives at USF Health through faculty recruitment and acquisition of cutting edge research equipment and technology. USF Health will establish a structural biology core featuring Cryo-EM capability which will impact research across the state.

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

To support the development of major programmatic research initiatives related to genetic disease at USF Health and within the state. Having a Cryo-EM and Structural Biology Core will contribute to success in recruiting highly funded research teams.

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

Floridians who suffer from rare diseases and genetic disorders, the elderly, persons with physical disabilities, and university students.

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

Cryo-EM provides insights into cellular architecture and organization by visualizing cellular organelles, cytoskeletal networks and molecular complexes within cells. Due to the benefits of cryo-EM imaging, USF Health will be able to conduct new cutting edge research in genetic diseases. Measured by new and expanded research initiatives. Another benefit is the ability to hire new researchers and expanded training of researchers, physicians and post-docs. Measured by having new researchers in the state conduct high-impact federally funded work.

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?

Statute and BOG Regulations provide specific penalties for noncompliance by state universities.

15. Requester Contact	t Informati	on		
a. First Name	Rhea		Last Name	Law
b. Organization	University of South Florida			
c. E-mail Address	rhealaw@usf.edu			
d. Phone Number	(727)743-	-6228	Ext.	
16. Recipient Contact	Informatio	on		
a. Organization	University of South Florida			
b. Municipality and	d County	Statewide		
c. Organization Ty	ре			
□For Profit Entity				
□Non Profit 501(c)(3)				
□Non Profit 501(d	c)(4)			
□Local Entity				
☑University or Co	llege			
□Other (please sp	pecify)			
d. First Name	Donald		Last Name	Mullins



# The Florida Senate Local Funding Initiative Request Fiscal Year 2024-2025

**LFIR # 2028** 

e. E-mail Address	mullinsd@usf.edu	
f. Phone Number	(407)455-4788	

## 17. Lobbyist Contact Information

a. Name	Kimberly F. McGlynn
b. Firm Name	Buchanan Ingersoll & Rooney PC
c. E-mail Address	kim.mcglynn@bipc.com
d. Phone Number	(850)681-0411