1. Project Title   University of South Florida Simulation Modeling to Reduce Opioid Overdoses

2. Senate Sponsor   Darryl Rouson

3. Date of Request   03/13/2023

4. Project/Program Description

The Department of Mental Health Law and Policy at USF will lead a collaboration to develop opioid simulation modeling tools that specifically respond to the available resources, existing services, and desired new services for Florida counties to address location and distribution methods of Narcan and effects of various amounts and types of new treatment capacity. The USF team will leverage existing technical assistance relationships to identify five additional counties with data dashboards already in place as initial study sites. We will run simulation models based on these counties' resources and preferences and provide them with a computer modeling tool they can use as their resources and needs change over time.

5. State Agency to receive requested funds   Department of Health

State Agency contacted?   No

6. Amount of the Nonrecurring Request for Fiscal Year 2023-2024

Type of Funding	Amount
Operations	2,900,500
Fixed Capital Outlay	0
Total State Funds Requested	**2,900,500**

7. Total Project Cost for Fiscal Year 2023-2024 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	2,900,500	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 2023-2024	**2,900,500**	**100%**

8. Has this project previously received state funding?   No

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	**Nonrecurring**		

9. Is future funding likely to be requested?   No

a. If yes, indicate nonrecurring amount per year.

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

N/A

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.

USF has received institutional COVID-19 assistance funding from the federal government but the funds we received did not allow for the payment of the operational expenses of administering this program.

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

    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.

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	Salary for research faculty, project manager, graduate students and data manager	150,000
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Travel, training equipment and software	750,000
Consultants/Contracted Services/Study	Statistical modeling and support, internal and external.	2,000,500
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		**2,900,500**

14. Program Performance

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

Currently USF is collaborating with Stanford and Northwestern University to develop simulation modeling tools for counties across the country, including Pinellas County, where we have addressed questions about location and distribution methods of Narcan and effects of various amounts and types of new treatment capacity. USF will leverage these partnerships and technical assistance relationships to identify five additional counties with data dashboards already in place as initial study sites. We will run simulation models based on these counties' resources and preferences and provide them with a computer modeling tool they can use as their resources and needs change over time.

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

The funds will provide tools to develop simulation modeling, which will allow the USF team to engage our existing training and technical assistance networks to share the impact and outcomes of this innovation, disseminate the modeling tool, and train on best practices for implementing simulation modeling to build the capacity of all Florida counties for model-driven decision-making to strategically allocate resources to effective overdose reduction interventions.

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

USF will work directly with Florida counties to provide data and simulation models on how to best allocate resources to more effectively reduce overdose interventions.

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

Persons with poor mental and/or physical health, drug users, economically disadvantaged. Thousands of individuals could be served by this predictive modeling tool.

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

The impact and outcomes of this innovation, disseminate the modeling tool, and train on best practices for implementing simulation modeling to build the capacity of all Florida counties for model-driven decision-making to strategically allocate resources to effectively reduce overdose incidents.

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?

Reductions in funding for unmet deliverables.

15. Requester Contact Information

a. First Name Julie   **Last Name** Serovich

b. Organization University of South Florida

c. E-mail Address jserovich@usf.edu

d. Phone Number (813)974-7705   **Ext.**

16. Recipient Contact Information

a. Organization University of South Florida

b. Municipality and County Hillsborough

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 Lauren **Last Name** Hartmann

e. E-mail Address lhartmann@usf.edu

f. Phone Number (727)743-6228

17. Lobbyist Contact Information

a. Name Lauren Thae Hartmann

b. Firm Name

c. E-mail Address lhartmann@usf.edu

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