



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2113

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Expand implementation of rapid whole genome sequencing (rWGS) at AdventHealth Orlando to ensure that more children in Florida with genetic diseases are accurately diagnosed and treated.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	725,000
Fixed Capital Outlay	0
Total State Funds Requested	725,000

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	725,000	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 2022-2023	725,000	100%

8. Has this project previously received state funding?

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

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.

Sources that may be used in lieu of state funding would be possible grant funding.

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

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



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2113

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	Program Manager and change management support for project valuation and creation of physician surveys to determine clinical utilization in addition to clinical and laboratory work flows. Program evaluation as we continue to quantify clinical and financial ROI. Assess feasibility and potential opportunities of scaling the program.	90,000
Other Salary and Benefits	Genetic counselor to provide family education, consultations, and follow-up for care. Data analyst and statistician support to evaluate how rWGS reduces unnecessary procedures and cuts costs of delayed care and misdiagnosis.	80,000
Expense/Equipment/Travel/Supplies/Other	Site initiation, education, and sustained optimized implementation as well as portal data management with a platform providing storage and integration of genomic data with other EMR clinical data.	55,000
Consultants/Contracted Services/Study	Rapid whole genome sequencing (rWGS) used to provide quick insight to save and improve the lives of 50 critically ill newborns presenting with disease of unknown etiology in the NICU	500,000
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
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)		725,000

12. Program Performance

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

rWGS will be provided to acutely ill children with the purpose of finding a genetic diagnosis. Accurate diagnosis will allow Advent Health physicians and other clinical staff to provide the most appropriate and tailored medical care to some of our sickest and medically complex children. For parents and caregivers, this will give their children the best chance at a healthy and productive life.

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

Genetic disease is the leading cause of death for babies in the NICU/PICU. Our goal for this project is to provide rapid genomic insight for babies presenting in the NICU/PICU critically ill with disease of unknown cause.

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

rWGS will be provided to acutely ill children with the purpose of finding a genetic diagnosis. Accurate diagnosis will allow Advent Health physicians and other clinical staff to provide the most appropriate and tailored medical care to some of our sickest and medically complex children. For parents and caregivers, this will give their children the best chance at a healthy and productive life.

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

Critically ill Children, 200-400 target population.

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



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2113

There have been many studies showing rapid whole-genome sequencing decreasing infant morbidity and cost of hospitalization. Rapid whole-genome sequencing (rWGS) can diagnose genetic disorders in time to change acute medical or surgical management (clinical utility) and improve outcomes in acutely ill infants.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5884823>

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?

Unused funds will be returned.

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.

AdventHealth Orlando



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2113

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