



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1714

1. **Title of Project:** Stetson University Water Institute-St. Johns River Field Lab

2. **Senate Sponsor:** Tom Wright

3. **Date of Submission:** 02/06/2019

4. **Project/Program Description:**

Equipment and instruments to support an aquatic science research, education, and outreach field station to be used for monitoring harmful algal blooms and populations in Lake Beresford, St. Johns River and Outstanding Florida Springs, in relation to climatic, hydrologic, and nutrient conditions. The instruments and equipment will also be used for monitoring the performance of stormwater infrastructure, and novel green infrastructure, and monitoring progress toward achieving BMAP goals for Outstanding Florida Springs. The funds will purchase weather station equipment, two surface water level gauges, a series of groundwater piezometers, remote data loggers, and six aquatic research sondes for measurement of chlorophyll, blue-green algae, dissolved oxygen, temperature, pH, nitrate, ammonium, and chloride.

5. **State Agency to receive requested funds :** Department of Education

State Agency Contacted? No

6. **Amount of the Nonrecurring Request for Fiscal Year 2019-2020**

Type of Funding	Amount
Operations	200,000
Fixed Capital Outlay	
Total State Funds Requested	200,000

7. **Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)**

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	200,000	100.00%
Federal	0	0.00%
State (excluding the amount of this request)	0	0.00%
Local	0	0.00%
Other	0	0.00%
Total Project Costs for Fiscal Year 2019-2020	200,000	100.0%

8. **Has this project previously received state funding?** No

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

9. **Is future-year funding likely to be requested?** No



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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs:		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Purchase weather station instruments and equipment, two surface water level gauges, a series of groundwater piezometers, remote data loggers, and six aquatic research sondes for measurement of chlorophyll, blue-green algae, dissolved oxygen, temperature, pH, nitrate, ammonium, and chloride.	200,000
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		200,000

11. Program Performance:

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

Improve quality of STEM college education.

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

Stetson University students will be trained to use of the equipment, providing STEM work force development for environmental services businesses in the State.

c. What are the direct services to be provided to citizens by the appropriations project?

While training the college students, the instruments/equipment will contribute to the better understanding of factors that trigger algal blooms in the middle St. Johns River ecosystems and improve stormwater management. Published research articles, research reports, and adoption of management practices will advance the state of aquatic science knowledge in the middle St. Johns River.

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

+3,000 college students in academic year 2019-2020 (and annually that number thereafter), in addition residents will benefit along the west shore of Lake Beresford, where the Stetson Aquatic Center is located. The Aquatic Center includes a public area for access into the lake with non-motorized boats.

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



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Post-graduation placement of students in high demand STEM fields, including stormwater management, environmental monitoring, and geographic information system (GIS).

- 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 in the contract?**

Repayment.

12. **The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.**

Stetson University owns the property and facility, and its faculty and staff will operate and manage the scientific instruments and equipment.

13. **Requestor Contact Information:**

- a. **Name:** Dr. Jason Evans
- b. **Organization:** Stetson University
- c. **E-mail Address:** jevans1@stetson.edu
- d. **Phone Number:** (386)822-7910

14. **Recipient Contact Information:**

- a. **Organization:** Stetson University
- b. **County:** Volusia
- c. **Organization Type:**
 - For Profit
 - Non Profit 501(c) (3)
 - Non Profit 501(c) (4)
 - Local Entity
 - University or College
 - Other (Please specify)
- d. **Contact Name:** Dr. Wendy B. Libby
- e. **E-mail Address:** wlibby@stetson.edu
- f. **Phone Number:** (386)822-7250

15. **Lobbyist Contact Information**

- a. **Name:** Dr. Joshua Truitt
- b. **Firm Name:** Stetson University
- c. **E-mail Address:** jtruitt@stetson.edu
- d. **Phone Number:** (386)822-8874