



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1091

1. **Title of Project:** UF/IFAS Geomatics Educations

2. **Senate Sponsor:** Keith Perry

3. **Date of Submission:** 02/04/2019

4. **Project/Program Description:**

Surveying and mapping businesses in Florida, one of the most heavily populated and rapidly developing states in the country, are facing severe shortages of professionally trained and licensed personnel. State-wide education program that provides opportunities to earn degrees and certifications in geomatics (surveying and mapping). Geomatics is the foundation of the classic Architecture/Engineering Design Professions and the shortage of practitioners is approaching a critical stage which can only be addressed by continued growth of our University-level Geomatics Education programs. Geomatics program conducts applied research focused on improving the tools and practice of surveying and mapping including, but not limited to, remote sensing, unmanned aerial systems, and Geographic Information Systems (GIS). Also, current regulations require licensed professionals to obtain 12 hours of continuing education per year and these funds will help our stakeholders meet this requirement.

5. **State Agency to receive requested funds :** Board of Governors

State Agency Contacted? Yes

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

Type of Funding	Amount
Operations	656,931
Fixed Capital Outlay	
Total State Funds Requested	656,931

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)	656,931	41.90%
Federal	44,252	2.82%
State (excluding the amount of this request)	655,546	41.81%
Local		0.00%
Other	211,225	13.47%
Total Project Costs for Fiscal Year 2019-2020	1,567,954	100.0%

8. **Has this project previously received state funding?** Yes

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	NonRecurring		
2017-18	636,120		143	Yes

9. **Is future-year funding likely to be requested?** Yes



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a. If yes, indicate non-recurring amount per year. 656,120

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	3.25 faculty, 2 education specialists	610,946
Expense/Equipment/Travel/Supplies/Other	Lab equipment upgrades/maintenance, other general operation expenses	45,985
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		656,931

11. Program Performance:

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

The purpose/goal of this program is to meet the increasing demand for professionals in geomatics (surveying and mapping) through state-wide education delivery in order to adequately serve professions that rely on spatial data including forestry, environmental studies, planning, engineering, navigation, geology and geophysics. Additional faculty and resources are needed not only at the main campus in Gainesville, but also at local Research and Education Centers across the state.

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

Funds will maintain and expand critical educational programs in geospatial sciences to address the severe shortages of professionals across the state, provide core faculty and staff necessary to support to Florida's industry. This education program equips graduates with the education, skills, degrees and certifications required for professional careers in surveying and mapping.

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

UF/IFAS will be able to offer more undergraduate and PhD degrees in surveying and mapping and Geomatics at the main campus in Gainesville, and at local Research and Education Centers (RECs) in Broward, Hillsborough, Escambia and Orange Counties.

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



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The direct target population served is students pursuing a degree in geomatics (surveying and mapping). The indirect target is virtually the entire population of Florida. Geomatics graduates go on to become licensed as Professional Surveyors and Mappers, which is an essential discipline that supports activities including but not limited to, infrastructure design, land development, construction, and property transactions. (Indirectly serves 20 million people.)

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

The expected outcome is an increase in geomatics graduates sufficient to meet the needs of the State of Florida. With Florida's increasing population, the need for infrastructure upgrades and new development will be essential and will require an estimated three times the current rate of licensing. The outcome will be measured by tracking the number of UF geomatics graduates who become licensed Professional Surveyors and Mappers in Florida.

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?

There is no contract

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.

NA

13. Requestor Contact Information:

- a. **Name:** Jack Payne
- b. **Organization:** University of Florida Institute of Food and Agricultural Sciences (UF/IFAS)
- c. **E-mail Address:** jackpayne.ufl.edu
- d. **Phone Number:** (352)392-1971

14. Recipient Contact Information:

- a. **Organization:** University of Florida Institute of Food and Agricultural Sciences (UF/IFAS)
- b. **County:** Alachua
- 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:** Bon Dewitt, Assoc. Professor
- e. **E-mail Address:** bon@ufl.edu
- f. **Phone Number:** (352)392-6010



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15. Lobbyist Contact Information

- a. **Name:** Mary Ann Hooks
- b. **Firm Name:** University of Florida Institute of Food and Agricultural Sci
- c. **E-mail Address:** mgosa@ufl.edu
- d. **Phone Number:** (850)270-4010