



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** University of West Florida - Ph.D. Intelligent Systems and Robotics

2. **Senate Sponsor:** Doug Broxson

3. **Date of Submission:** 11/15/2017

4. **Project/Program Description:**

The Ph.D. in Intelligent Systems and Robotics program will consist of interdisciplinary training across multiple fields to provide rich educational research and internship experiences for students. The program's goal will be to train the next generation of researchers to develop science and technology to combine human and machine elements together in ways that exploit their respective strengths and mitigate their respective weaknesses. Beyond course work, the program's cornerstone will be hands-on, leading-edge research in robotics and artificial intelligence and will leverage the proximity and world-class talent at UWF and the Florida Institute for Human and Machine Cognition (IHMC).

5. **State Agency Contacted?** Yes

a. If yes, which state agency? Board of Governors

b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested?

6. **Amount of Non-recurring Requested for fiscal year 2018-19:**

Amount Requested for Operations	Amount Requested for Fixed Capital Outlay	Total Amount of Requested State Funds
1,000,000		1,000,000

7. **Type, amount and percent of matching funds available for this project for fiscal year 2018-19:**

Type	Amount	Percent
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	0	0.0%
Other	0	0.0%
TOTAL	0	0.0 %

8. **Total Project Cost for fiscal year 2018-19 (including the Total Amount of Requested State Funds):** 1,000,000

9. **Previous Year Funding Details:**

a. Has funding been provided in a previous state budget for this activity? Yes

b. In the previous 5 fiscal years, how many years was funding provided? (Optional) 1



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- c. What is the most recent fiscal year the project was funded? 2017-18
d. Were the funds provided in the most recent fiscal year subsequently vetoed? Yes
e. Complete the following Worksheet.

FY:	Input Prior FY Appropriation for this project for FY 2017-18 (If appropriated in FY 2017-18 enter the appropriated amount, even if vetoed.)		
	Column:	A	B
Funds Description:		Prior Year Recurring Funds *	Prior Year Nonrecurring Funds *
Input Amounts:			

10. Is future-year funding likely to be requested?

Yes

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

1,000,000

11. Program Performance:

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

The Ph.D. in Intelligent Systems and Robotics program will consist of interdisciplinary training across multiple fields to provide rich educational research and internship experiences for students. The program's goal will be to train the next generation of researchers to develop science and technology to combine human and machine elements together in ways that exploit their respective strengths and mitigate their respective weaknesses. Beyond course work, the program's cornerstone will be hands--on, leading-edge research in robotics and artificial intelligence and will leverage the proximity and world-class talent at UWF and the Florida Institute for Human and Machine Cognition (IHMC).

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

Education and training in intelligent systems and robotics. High level research into intelligent systems and robotics.

- c. How will the funds be expended?

Spending Category	Description	Amount
Administrative Costs		
<input type="checkbox"/> Executive Director/Project Head Salary and		



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Benefits		
<input type="checkbox"/> Other Salary and Benefits		
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Operational Costs		
<input checked="" type="checkbox"/> Salary and Benefits	Instructional and research faculty to be hired. Need to recruit and hire eight faculty.	850,000
<input checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	Computer equipment, departmental expenses, library materials, research materials and laboratory equipment	150,000
<input type="checkbox"/> Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		1,000,000

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

It will allow UWF to increase its impact on Northwest Florida's economic development and is a high technology enterprise. A program in intelligent systems that serves manufacturing, healthcare, defense and other high-tech industries will provide significant economic benefits to the state and region.

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

University and College Students

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

1. Improve Quality of Education: This degree program provides significant opportunities for achieving national distinction through the production of high quality doctoral graduates. UWF will be providing critical support to in-demand high technology career fields from medical device development to remote exploration to industrial robotics. This proposed program will attract talented students from around the world to UWF and also draw from and bolster UWF's existing undergraduate programs. 2. Increase of Improve Economic Activity: Intelligent systems and robotics serves the workforce needs of manufacturing, healthcare, defense, and other high-tech



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industries providing significant economic benefits to the state. Fields such as space exploration, defense, and healthcare are poised to become even larger users of robotics and intelligent systems. UWF graduates will provide leadership, expertise, and innovation to keep Florida at the forefront of the advances in high-tech industries.

- g. 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?**

None

- 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.**

All university appropriations are subject to Legislative and Executive Branch review.

- 13. Requestor Contact Information:**

- a. Name:** Martha Saunders
- b. Organization:** University of West Florida
- c. Email:** presidentsoffice@uwf.edu
- d. Phone Number:** (850)474-2200

- 14. Recipient Contact Information:**

- a. Organization:** University of West Florida
- b. County:** Escambia
- 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:** Martha Saunders
- e. E-mail Address:** presidentsoffice@uwf.edu
- f. Phone Number:** (850)474-2200

- 15. If there is a registered lobbyist, fill out the lobbyist information below.**

- a. Name:** Andrew Romer
- b. Firm:** University of West Florida
- c. Email:** aromer@uwf.edu
- d. Phone Number:** (850)474-2200