



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1090

1. **Title of Project:** UF/IFAS Tropical Aquaculture

2. **Senate Sponsor:** Keith Perry

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

4. **Project/Program Description:**

The TAL's disease diagnostic laboratory is the only one of its kind in the state, and serves producers, state agencies, and public zoos and aquariums from the panhandle to the Keys. Programming primarily supports producers of ornamental fish, but also has been expanded to include food production in both fresh and saltwater systems, aquaculture products for restoration of degraded aquatic habitats throughout Florida, and education and training of middle and high school students. Recent expansion of aquaculture in south Florida, interest in training for military veterans, and increased concerns over aquatic invasive species has led to a demand for more capacity at the TAL, from producers, agencies, and the general public. Education programs at the TAL include curriculum development and technical support for middle and high schools, undergraduate, and graduate students, as well as continuing education for aquaculture professionals.

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 | 806,234 |
| Fixed Capital Outlay | |
| Total State Funds Requested | 806,234 |

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) | 806,234 | 17.32% |
| Federal | 3,293,000 | 70.72% |
| State (excluding the amount of this request) | 350,000 | 7.52% |
| Local | 57,000 | 1.22% |
| Other | 150,000 | 3.22% |
| Total Project Costs for Fiscal Year 2019-2020 | 4,656,234 | 100.0% |

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

| Fiscal Year (yyyy-yy) | Amount | | Specific Appropriation # | Vetoed |
|--------------------------|-----------|--------------|-----------------------------|--------|
| | Recurring | NonRecurring | | |
| 2017-18 | 778,987 | | 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. 806234

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 | Funds will be used for salaries of faculty, staff and students working in the Tropical Aquaculture lab. | 806,234 |
| Expense/Equipment/Travel/Supplies/Other | | |
| Consultants/Contracted Services/Study | | |
| Operational Costs: | | |
| Salary and Benefits | | |
| Expense/Equipment/Travel/Supplies/Other | | |
| Consultants/Contracted Services/Study | | |
| Fixed Capital Construction/Major Renovation: | | |
| Construction/Renovation/Land/Planning Engineering | | |
| Total State Funds Requested (must equal total from question #6) | | 806,234 |

11. Program Performance:

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

The Tropical Aquaculture Lab provides research, extension education, and graduate student education focused on the state’s unique tropical fish industry. Programming primarily supports producers of ornamental fish, but also has been expanded to include food production in both fresh and saltwater systems, aquaculture products for restoration of degraded aquatic habitats throughout Florida, and education and training of middle and high school students. The TAL’s research program focuses on solving “real problems for real people” by providing answers to critical needs and emerging opportunities for Florida’s aquaculture producers.

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 to provide core faculty and staff necessary to support to Florida’s expanding ornamental aquaculture and fish food production industry.

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 this disciplines. New technologies will be developed and provided to the aquaculture industry to improve product development, fish management, environmental controls, and veterinary services for ornamental as well as food fish. Programing for training for military veterans, and increased concerns over aquatic invasive species has led to a demand for more capacity at the TAL, from producers, agencies, and the general public. Education programs will include curriculum



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development and technical support for middle and high schools, undergraduate, and graduate students, as well as continuing education for aquaculture professionals.

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

The target population is at university/college students, high school students, general public, homeowners, individual fish farming producers and aquaculture groups, and professional associations.

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

Provides science-based information used to make management and regulatory decisions surrounding aquaculture. Provide information and applications for new species development, non-native aquatic species management, aquatic animal disease diagnostics, restoration aquaculture, management of aquatic materials application, and general production management.

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?

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.

University of Florida, Institute of Food and Agricultural Sciences (UF/IFAS)

13. Requestor Contact Information:

- a. **Name:** Terrell "Red" Baker
- b. **Organization:** University of Florida, Institute of Food and Agricultural Sciences (UF/IFAS)
- c. **E-mail Address:** ttredbaker@ufl.edu
- d. **Phone Number:** (352)846-0850

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:** Jack Payne
- e. **E-mail Address:** jackpayne@ufl.edu
- f. **Phone Number:** (352)392-1971



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15. Lobbyist Contact Information

- a. **Name:** Mary Ann Hooks
- b. **Firm Name:** University of Florida, Institute of Food and Agricultural Sciences (UF/IFAS)
- c. **E-mail Address:** mgosa@ufl.edu
- d. **Phone Number:** (850)322-7259