



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1983

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. Project/Program Description

The Scientist in Every Florida School program, headquartered at UF, will positively impact STEM teaching and learning in K-12 public schools throughout Florida. Our focus is to provide STEM education for all, including urban, suburban, and rural areas, with particular emphasis on Title I schools. SEFS's strategic goal is to actively engage K-12 students and teachers in cutting-edge STEM research with scientist role models and experiences that inspire the next generation of Floridians. Long-term outcomes and impacts will benefit both students and teachers. For students, this includes: improved student achievement, enhanced STEM identity, and increased access to 21st-century careers. For teachers, this includes: increased teacher retention, better trained STEM teachers, and development of a statewide learning network of thousands of Florida teachers and scientists. With sustained support, SEFS is poised to make Florida a premier national leader in high-quality public STEM education.

5. **State Agency to receive requested funds**

State Agency contacted? No Yes

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

| Type of Funding | Amount |
|-----------------------------|-----------|
| Operations | 1,251,691 |
| Fixed Capital Outlay | 0 |
| Total State Funds Requested | 1,251,691 |

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) | 1,251,691 | 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 | 1,251,691 | 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.**



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

Yes

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

Revenue: UF received \$76M - Direct Student Aid & \$93M - Institutional Support Expenses: 1) \$76M - Direct Student Aid; 2) \$73M - a number of campus operations like: \$5M IT infrastructure & equipment for remote/distance learning; \$9M reimbursements for housing & study abroad; \$11M campus health & safety; \$48M for lost revenues in the student union, educational business activities, parking, research service centers, museums & performing arts centers; 3) \$20M - other COVID-related developing costs

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

| Spending Category | Description | Amount |
|--|--|------------------|
| Administrative Costs: | | |
| Executive Director/Project Head Salary and Benefits | UF Faculty Director (1.0 FTE) | 133,620 |
| Other Salary and Benefits | Evaluation/Assessment Director (1.0 FTE), Administrative Director (1.0 FTE) | 200,920 |
| Expense/Equipment/Travel/Supplies/Other | Travel to stakeholders, professional STEM meetings, miscellaneous supplies | 10,000 |
| Consultants/Contracted Services/Study | | 0 |
| Operational Costs: Other | | |
| Salary and Benefits | SEFS K-12 Coordinators (2.0 FTEs), Scientists-in-Residence (1.0 FTE), Evaluation/Assessment Coordinators (2.0 FTEs), Teacher retention (1.0 FTE), STEM integration (1.0 FTE), Scientist Coordinator (1.0 FTE), Communications Manager (1.0 FTE) | 782,151 |
| Expense/Equipment/Travel/Supplies/Other | Travel to SEFS activities and STEM conferences, miscellaneous instructional supplies, teacher stipends for successful participation (typically \$150 to \$1,000 each depending upon scope and duration), e.g., in professional development training. | 125,000 |
| 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) | | 1,251,691 |

12. Program Performance

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

SEFS's goal is to actively engage K-12 students and teachers statewide in cutting-edge STEM research with scientist role models and experiences that inspire the next generation of Floridians. Our goals and long-term outcomes and impacts include improved student achievement, enhanced STEM identity, increased access to 21st-century STEM careers, increased teacher retention, better trained teachers, and development of a network of tens of thousands of Florida teachers and scientists.

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

These activities and services will include: (1) high-quality STEM content professional development training provided to K-12 school teachers by active scientists; (2) mentoring STEM teachers for career success and retention in the workforce; (3) scientist role-model school visits to inspire and engage students; (4) scientist-in-residence programs; and (5) promoting access to 21st-century STEM careers for the next generation of Floridians.

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



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This appropriations project will connect students with STEM role models to inspire the next generation, also resulting in increased student achievement and academic performance in STEM. Hundreds of thousands of K-12 school students statewide will have expanded access to 21st-century careers. SEFS will serve the STEM teacher workforce statewide via scientist partnerships, classroom support, teacher professional development, and hosting an on-line Florida teacher-scientist network. All services are delivered on a continuing basis (i.e., as opposed to "one-offs") as part of ongoing scientist-teacher partnerships.

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

The target population served by this project are Florida's grade school and high school students and K-12 STEM teachers in urban, suburban, and rural settings, with emphasis on Title I schools. The citizens who will potentially benefit from these services include more than 2.5 million K-12 public school students in more than 4,000 public schools, and tens of thousands of STEM teachers throughout the state of Florida.

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

Strategic and expected benefits of this project will include enhanced statewide university/K-12 collaboration and achievement including: 1) increased student success; 2) K-12 teacher professional development; 3) lesson-plan integration of scientific research with Florida standards; 4) in-person and virtual scientific classroom visits; 5) long-term teacher-scientist partnerships; 6) improved STEM workforce training and retention; 7) mentoring and focused STEM support for new teachers.

Metrics as indicators of outcomes will include, for example, the numbers of students, teachers, schools, and Florida counties reached. Student outcomes will include improved grades, test scores, or other academic assessments, increased graduation rates and post K-12 career choices and performance. Teacher outcomes will include increased teacher retention that also result in financial savings (i.e., return on investment) to schools (about \$35 K per teacher, on average) because of reduced recruitment cost

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?

N/A

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.

N/A



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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