



# The Florida Senate

## Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** Florida Polytechnic University - Technology Education Model Program

2. **Senate Sponsor:** Kelli Stargel

3. **Date of Submission:** 11/13/2017

4. **Project/Program Description:**

The goal of the Technology Education Model Project (TEMP) is to raise STEM education productivity and quality. We will do this by re-inventing STEM education methods in 4 areas: 1. Use open-source concepts that have been successful in the software world to capture and disseminate the intellectual property used by instructors; 2. Turn that instructional IP into a core curriculum that can be shared with other universities; 3. Embed early career discovery into that core curriculum so students have early, accurate knowledge of the real world of work in STEM jobs; and 4. Build the total engineer, using methods from the military and athletics, to inculcate leadership, self-motivation and teamwork in students.

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
4,500,000		4,500,000

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):** 4,500,000

9. **Previous Year Funding Details:**

a. Has funding been provided in a previous state budget for this activity? No

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



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- c. What is the most recent fiscal year the project was funded?
- d. Were the funds provided in the most recent fiscal year subsequently vetoed?
- 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	C
Funds Description:	Prior Year Recurring Funds *	Prior Year Nonrecurring Funds *	Total Funds Appropriated (Column A + Column B)	
Input Amounts:				

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

No

**11. Program Performance:**

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

The goal of the Technology Education Model Project (TEMP) is to raise STEM education productivity and quality by re-inventing STEM education.

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

1. Capture, share and maintain instructional intellectual property. 2. Integrate early career discovery and coaching into coursework. 3. Offer micro-credentials to non-traditional students and a Professional Master's Program for working professionals. 4. Summer program for middle and high school youth to build STEM pipeline.

**c. How will the funds be expended?**

Spending Category	Description	Amount
Administrative Costs		
<input checked="" type="checkbox"/> Executive Director/Project Head Salary and Benefits	Salary and benefits for TEMP project head	350,000
<input checked="" type="checkbox"/> Other Salary and Benefits	Program administrative assistant.	85,000
<input checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	Travel, supplies and equipment for TEMP	865,000



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	administration	
<input type="checkbox"/> Consultants/Contracted Services/Study		
Operational Costs		
<input checked="" type="checkbox"/> Salary and Benefits	Salary and benefits for 3 faculty positions and 2 program support positions	1,497,200
<input checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	Travel, supplies and equipment for TEMP employees	1,102,800
<input checked="" type="checkbox"/> Consultants/Contracted Services/Study	Contracts for software, programming and research	600,000
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		4,500,000

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

1. Enhanced courses. 2. Career discovery and planning services. 3. Micro-credential and PMP programs. 4. Summer on-campus program for middle and high school students.

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

University students; middle and high school students; working professionals. Over 1,000 individuals could be served.

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

1. Increase in higher-level courses taken as measured by transcript review. 2. Increased SUS course sharing as measured by university course catalog review. 3. Increased attendance at middle/high school summer program attendance as measured by attendance data tracked over time. 4. Increased number of summer program attendees who complete a STEM postsecondary program as measured by postsecondary outcomes of summer program attendees. 5. Professional Master's Program degrees earned as measured by number of degrees awarded annually.

**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?**

Cancellation of contract and withholding of further payments until remedies are in place.



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**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.**

None

**13. Requestor Contact Information:**

- a. **Name:** Randy Avent
- b. **Organization:** Florida Polytechnic University
- c. **Email:** ravent@floridapoly.edu
- d. **Phone Number:** (863)874-8614

**14. Recipient Contact Information:**

- a. **Organization:** Florida Polytechnic University
- b. **County:** Polk
- 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:** Kathy Mizereck
- e. **E-mail Address:** kmizereck@floridapoly.edu
- f. **Phone Number:** (850)509-2726

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

- a. **Name:** David Shepp
- b. **Firm:** Southern Strategies
- c. **Email:** shepp@sostrategy.com
- d. **Phone Number:** (863)581-4250