1. **Title of Project:** Florida Memorial University Improving Science Labs

2. **Senate Sponsor:** Oscar Braynon

3. **Date of Submission:** 01/31/2019

4. **Project/Program Description:**

   The purpose of this prospectus is to provide equipment and instrumentation, as well as personnel to train students in STEM-based laboratories and hands-on research, which would translate to an increase in persistence, retention, and graduation of students who would then either enter the workforce or enter graduate/professional programs in STEM disciplines. FMU’s HNS has forged and will continue to forge relationships with the surrounding community. The relationships can be strengthened if a significant amount of time and money is provided to create a culture of STEM education in the surrounding communities.

5. **State Agency to receive requested funds:** Department of Education

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

<table>
<thead>
<tr>
<th>Type of Funding</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operations</td>
<td>466,000</td>
</tr>
<tr>
<td>Fixed Capital Outlay</td>
<td>34,000</td>
</tr>
<tr>
<td><strong>Total State Funds Requested</strong></td>
<td><strong>500,000</strong></td>
</tr>
</tbody>
</table>

7. **Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)**

<table>
<thead>
<tr>
<th>Type of Funding (from question #6)</th>
<th>Amount</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total State Funds Requested</td>
<td>500,000</td>
<td>100.00%</td>
</tr>
<tr>
<td>Federal</td>
<td></td>
<td>0.00%</td>
</tr>
<tr>
<td>State (excluding the amount of this request)</td>
<td></td>
<td>0.00%</td>
</tr>
<tr>
<td>Local</td>
<td></td>
<td>0.00%</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td>0.00%</td>
</tr>
<tr>
<td><strong>Total Project Costs for Fiscal Year 2019-2020</strong></td>
<td><strong>500,000</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>

8. **Has this project previously received state funding?** No

9. **Is future-year funding likely to be requested?** No

10. **Details on how the requested state funds will be expended**

    | Spending Category | Description | Amount |
    |-------------------|-------------|--------|
    | Administrative Costs: | | |
11. Program Performance:

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

The purpose of this prospectus is to provide equipment and instrumentation, as well as personnel to train students in STEM-based laboratories and hands-on research, which would translate to an increase in persistence, retention, and graduation of students who would then either enter the workforce or enter graduate/professional programs in STEM disciplines.

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

* Holding an annual award ceremony recognizing outstanding STEM students from area K-12 schools *
* Conducting STEM hands-on learning to improve critical thinking skills (STEM Saturdays) *
* Presenting original research findings at local and regional STEM Symposia (LSSF, FGLSAMP, and RELPAD). *
* Involve the community in projects such as developing a communal garden that would grow edible plants to be harvested and shared by the community. *
* Construct a greenhouse to grow food plants year-round, as well as decorative plants that could beautify the homes/yards in the surrounding communities.

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

quality training through use of up-to-date equipment and instrumentation

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

K-12 students, university/college students, jobless persons, economically disadvantaged persons, at-risk youth; 401-800 individuals will be served.

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

Experience with equipment and instrumentation to enhance laboratory skills for students to receive badges/certificates. Number of badges and number of newly available laboratory experiences

f. What are the suggested penalties that the contracting agency may consider in addition to its standard
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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.
Florida Memorial University

13. Requestor Contact Information:
   a. Name: Rose Stiffin
   b. Organization: Florida Memorial University
   c. E-mail Address: rstiffin@fmuniv.edu
   d. Phone Number: (305)626-3697

14. Recipient Contact Information:
   a. Organization: Florida Memorial University
   b. County: Miami-Dade
   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: Rose Stiffin
   e. E-mail Address: rstiffin@fmuniv.edu
   f. Phone Number: (305)626-3697

15. Lobbyist Contact Information
   a. Name: Yolanda Cash-Jackson
   b. Firm Name: Becker & Poliakoff, P.A
   c. E-mail Address: yjackson@bplegal.com
   d. Phone Number: (954)985-4132