



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** Florida Atlantic University-Medicinal Chemistry Core Group

2. **Senate Sponsor:** Bobby Powell

3. **Date of Submission:** 11/14/2017

4. **Project/Program Description:**

The Medicinal Chemistry Core Group (MCCG) will help serve the mission of the Neuroscience and Healthy Aging initiatives at FAU. Medicinal chemistry is required to transform biologically active organic products, proteins, and metabolites found in the environment into drug-like compounds. The inability to transform and test these compounds is often one of the major roadblocks in the development of new therapeutic agents. New funding will allow FAU to acquire the research infrastructure necessary to facilitate the development of new drugs from the active compounds discovered by FAU scientists.

5. **State Agency Contacted?** No

a. If yes, which state agency?

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

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
948,014		948,014

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):** 948,014

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?

Medicinal chemistry is required to transform biologically active natural products, proteins, and metabolites into drug-like compounds. The lack of these capabilities is often one of the major roadblocks in the development of new therapeutic agents. Presently, there is no equipment or mechanism at Florida Atlantic University (FAU) that utilizes medicinal chemistry to test and improve active agents discovered by FAU scientists. Departments at FAU that would be directly served by the MCGG are Chemistry & Biochemistry, Biological Sciences, Biomedical Science, and Psychology, as well as the Marine Biomedical & Biotechnology Research Program at FAU Harbor Branch. In addition, the MCGG would enhance the research relationship between FAU and Scripps Florida (including the institute's Departments of Chemistry, Neuroscience, and Molecular Medicine).

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

Further accelerate drug discovery and the development of novel clinical therapies. Increase external research funding. Provide advanced training experiences with highly specialized equipment. Create opportunities for complementary programming in STEM fields, biotechnology businesses, and related fields of inquiry

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 checked="" type="checkbox"/> Expense/Equipment/Travel/Supplies/Other	New Analytical Instruments	948,014
<input type="checkbox"/> Consultants/Contracted Services/Study		
Operational Costs		
<input type="checkbox"/> Salary and Benefits		
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		948,014

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

Medicinal chemistry is required to transform biologically active natural products, proteins, and metabolites into drug-like compounds. Those drug discoveries can benefit the entire population.

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

Hundreds of graduate and undergraduate students across multiple scientific disciplines within and outside of the university. In addition, medicinal chemistry has the potential to cure diseases and save lives in patient populations.

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

To transform natural compounds into drug-like compounds.

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.

n/a

13. Requestor Contact Information:

a. Name: John Kelly



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- b. Organization:** Florida Atlantic University
- c. Email:** President@fau.edu
- d. Phone Number:** (561)297-3450

14. Recipient Contact Information:

- a. Organization:** Florida Atlantic University
- b. County:** Palm Beach
- 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:** Ryan Britton
- e. E-mail Address:** Rbritto2@fau.edu
- f. Phone Number:** (954)579-7669

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

- a. Name:** Ken Pruitt
- b. Firm:** The P5 Group
- c. Email:** Ken@TheP5Group.com
- d. Phone Number:** (772)971-5760