

Appropriations Project Request - Fiscal Year 2017-18

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Florida Memorial University - Cyber Warrior and Engineering Center of Excellence

2. Date of Submission: 02/03/2017

3. House Member Sponsor: Sharon Pritchett

Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

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

If answer to 4a is ?NO? skip 4b and 4c and proceed to 4d

b. What is the most recent fiscal year the project was funded?

c. Were the funds provided in the most recent fiscal year subsequently vetoed?

d. Complete the following Project Request Worksheet to develop your request (Note that column E will be the total of Recurring funds requested and Column F will be the total Nonrecurring funds requested, the sum of which is the Total of the Funds you are requesting in column G):

FY:	Input Prior Year Appropriation for this project for FY 2016-17 (If appropriated in 2016-17 enter the appropriated amount, even if vetoed.)			Develop New Funds Request for FY 2017-18 (Requests for additional RECURRING funds are prohibited. Any additional Nonrecurring funding requested to supplement recurring funds in the base will result in the base recurring amount being converted to Nonrecurring .)		
Column:	A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated (Recurring plus Nonrecurring: column A + column B)	Recurring Base Budget (Will equal non- vetoed amounts provided in Column A)	Additional Nonrecurring Request	TOTAL Nonrecurring Request (Will equal the amount from the Recurring base in Column D to be CONVERTED to Nonrecurring plus the Additional Nonrecurring Request in Column E. These funds will be appropriated non-recurring if funded in the House Budget or the Final Conference Report on the budget.)
Input Amounts:					1,800,000	1,800,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2017-18? No

5a. If yes, which state agency?

5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? For example, if the requested issue pertains to services provided to inmates at correctional facilities, the Department of Corrections would be the most appropriate state agency. Department of Education

6. Requester:

- a. Name: Dr Roslyn Clark-Artis
- b. Organization: Florida Memorial University
- c. Email: Roslyn.artis@fmuniv.edu
- d. Phone #: (305)626-3604

7. Contact for questions about specific technical or financial details about the project (Please retype if same as Requester):

- a. Name: Dr Roslyn Clark-Artis
- b. Organization: Florida Memorial University
- c. Email: Roslyn.artis@fmuniv.edu
- d. Phone #: (305)626-3604

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

- a. Name: Yolanda Cash-Jackson
- b. Firm: Becker & Poliakoff, P.A.
- c. Email: Yjackson@bplegal.com
- d. Phone #: (954)985-4132

9. Organization or Name of Entity Receiving Funds(Please retype if same as Requestor or Contact):

- a. Name: Florida Memorial University
- b. County (County where funds are to be expended): Miami-Dade
- c. Service Area (Counties being served by the service(s) provided with funding): Broward, Miami-Dade, Palm Beach

10. What type of organization is the entity that will receive the funds? (Select one)

- ☐ For Profit
- ☐ Non Profit 501(c) (3)
- ☐ Non Profit 501(c) (4)
- ☐ Local Government

- ☒ University or College
☐ Other (Please describe)

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

Florida Memorial University proposes to become the knowledge base for the dissemination of research best practices in the training of minorities in Cyber Warrior and Engineering (CWE) disciplines such as Cyber Security, Homeland Security, and Computer Engineering. The primary goal of the request is to accomplish CWE objectives within the Center of Excellence that will inform research and practice and support teaching to increase and improve the pipeline and workforce of minorities.

12. Provide specific details on how funds will be spent. (Select all that apply)

Spending Category	Description	Nonrecurring (Should equal 4d, Col. F) Enter ?0? if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> b. Other Salary and Benefits		
<input checked="" type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other	Travel and training for faculty & staff development Computers, software, platform workstations	550,000
<input checked="" type="checkbox"/> d. Consultants/Contracted Services/Study	Consultants/contracted services necessary for curriculum development; internship/externship development and placement	150,000
Operational Costs:		
<input checked="" type="checkbox"/> e. Salaries and Benefits	Faculty/staff support	750,000
<input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	Equipment, travel, supplies to support recruitment training and placement	350,000

	assessment Summer Scholarships	
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering		
TOTAL		1,800,000

13. For the Fixed Capital Costs requested with this issue, what type of ownership will the facility be under when complete? (In Question 12, if ?h. Fixed Capital Outlay? was not selected, question 13 is not applicable)

N/A

14. Is the project request an information technology project?

No

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

Yes

15a. Please Describe:

Support has been committed by Northrop Grummond and other private firms to support the initial equipment, materials, faculty costs and testing fees. The total value of the initial investment is approximately \$750,000.

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

Yes

16a. Please Describe:

Over the next two years, the demand for cybersecurity jobs will grow by 53 percent through 2018. According to data from the Department of Labor, more than 209,000 cybersecurity jobs go unfilled in the United States. Globally, the demand is expected to reach 6 million by 2019, with a projected shortfall of 1.5 million, according to Symantec Research. The CWE Center's mission is to create a workforce that can command high-wage salaries through high demand cybersecurity certifications.

17. Will the requested funds be used directly for services to citizens?

Yes

17a. Describe the target population to be served. Select all that apply to the target population:

- ☐ Elderly persons
- ☐ Persons with poor mental health
- ☐ Persons with poor physical health
- ☐ Jobless persons
- ☒ Economically disadvantaged persons
- ☐ At-risk youth
- ☐ Homeless
- ☐ Developmentally disabled
- ☐ Physically disabled
- ☐ Drug users (in health services)
- ☐ Preschool students
- ☐ Grade school students
- ☒ High school students
- ☒ University/college students
- ☐ Currently or formerly incarcerated persons
- ☐ Drug offenders (in criminal Justice)
- ☐ Victims of crime
- ☐ Other (Please describe)

17b. How many in the target population are expected to be served?

- ☐ < 25
- ☐ 25-50
- ☐ 51-100
- ☒ 101-200
- ☐ 201-400
- ☐ 401-800
- ☐ >800

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select all that applies)

Benefit or Outcome	Provide a specific measure of the benefit or outcome	Describe the method for measuring level of benefit
<input type="checkbox"/> Improve physical health		

<input type="checkbox"/> Improve mental health		
<input type="checkbox"/> Enrich cultural experience		
<input type="checkbox"/> Improve agricultural production/promotion/education		
<input checked="" type="checkbox"/> Improve quality of education	The cybersecurity job market is shaped by certifications, and job seekers of all experience levels can improve their employment opportunities by obtaining the relevant credentials. Entry-level workers, for example, can obtain foundational certifications such as Security+, which represents an entry point into the field and is by far the largest cybersecurity certification in terms of total holders. Cybersecurity positions require certifications than other IT jobs. One third (35%) of cybersecurity	The CWE Center will provide high quality education with authentic hands on training, with a particular focus on socio-economically disadvantaged populations. The Center will produce degrees in Cyber Security, Homeland Security, Computer Engineering, and Civil Engineering with specific certifications to enhance career opportunities. The Center will provide preparation for careers through certifications for DOD 8570 A+, Network+, and Security+. Other areas of certification will include computer ce
<input type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality		
<input type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)		
<input type="checkbox"/> Improve transportation conditions		
<input checked="" type="checkbox"/> Increase or improve economic activity	According to Burning Glass-Careers in Focus (2015), Miami was rank sixth among U.S. cities with the fastest job growth in cybersecurity. Cybersecurity jobs are in demand and growing across the economy.	Florida Memorial University is an active member of The Beacon Council, the Miami-Dade County's official economic development partnership through the One Community One Goal Academic

	The Professional Services, Finance, Manufacturing/Defense sectors have the highest demand for cybersecurity jobs. The fastest increases in demand for cybersecurity workers are in industries managing increasing volumes of consumer data such as Finance (+137% over the last five years), Health Care (Leaders Council. Information Technology is one of the seven high-value clusters that the Council has identified to help diversify Miami-Dade's economy. This past year, the Council's accomplishments included an increase of 44,000 jobs in Miami-Dade County since 2012 within the high-skilled, high-wage target industries
<input type="checkbox"/> Increase tourism		
<input checked="" type="checkbox"/> Create specific immediate job opportunities	In 2015, Lloyds of London estimated that cybercrimes were costing businesses globally as much as \$400 billion. Juniper Research recently predicted that the rapid digitization of consumers, lives and enterprise records will increase the cost of data breaches to \$2.1 trillion globally by 2019, increasing to almost four times the estimated cost of breaches in 2015. Over the next two years, the demand for cybersecurity jobs is expected to grow by 53 percent through 2018.	. According to data from the United States Department of Labor which publishes the Bureau of Labor Statistics (BLS), more than 209,000 cybersecurity jobs go unfilled in the United States. Globally, the demand is expected to reach to 6 million by 2019, with a projected shortfall of 1.5 million, according to Symantec Research. Also indicated by BLS, Black or African-American people make up only 3 percent of the information security analysis in the U.S.
<input checked="" type="checkbox"/> Enhance specific individual's economic self sufficiency	The CWE Center will provide those trained individuals with cybersecurity certifications in DoD 8570 A+, Network +, Security +, or other computer programming areas to command competitive salaries propelling them into Florida's middle class. Competitive salaries in Florida	The method of measuring the benefit will be the number of jobs created and retained.

	for these types of jobs average about \$70,000 per year.	
<input type="checkbox"/> Reduce recidivism		
<input type="checkbox"/> Reduce substance abuse		
<input type="checkbox"/> Divert from Criminal/Juvenile justice system		
<input type="checkbox"/> Improve wastewater management		
<input type="checkbox"/> Improve stormwater management		
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input type="checkbox"/> Improve surface water quality		
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2017-18 from all sources of funding (Enter ?0? if amount is zero):

Type of Funding	Amount	Percent of Total (Automatically Calculates)	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	1,800,000	70.6%	N/A
2. Federal:	0	0.0%	No
3. State: (Excluding the requested Total Amount in #4d, Column F)	0	0.0%	No
4. Local:	0	0.0%	No
5. Other:	750,000	29.4%	Yes
TOTAL	2,550,000	100%	

20. Is this a multi-year project requiring funding from the state for more than one year?

No