

Appropriations Project Request - Fiscal Year 2018-19

For projects meeting the Definition of House Rule 5.14

1. Title of Project: University of Central Florida - FUTURe CITY Initiative

2. Date of Submission: 11/14/2017

3. House Member Sponsor: Rene Plasencia

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, Col. E
- 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:

FY:	Input Prior Year Appropriation for this project for FY 2017-18 <i>(If appropriated in 2017-18 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2018-19 <i>(Requests for additional RECURRING funds are prohibited.)</i>		
Column:	A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated <i>(Recurring plus Nonrecurring: column A + column B)</i>	Recurring Base Budget <i>(Will equal non-vetoed amounts provided in Column A)</i>	Additional Nonrecurring Request	TOTAL Nonrecurring plus Recurring Base Funds <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i>
Input Amounts:					2,257,000	2,257,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2018-19? Yes

5a. If yes, which state agency? Department of Education

5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested?

5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? Yes

5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.

All projects appropriated to UCF are regularly audited. Any exceptions or misuse of funds are corrected or reimbursed.

6. Requester:

- a. Name: Dr. Michael Georgiopoulos
- b. Organization: UCF
- c. Email: michaelg@ucf.edu
- d. Phone #: (407)823-5338

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Dr. Michael Georgiopoulos
- b. Organization: UCF
- c. Email: michaelg@ucf.edu
- d. Phone #: (407)823-5338

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: Dr Daniel
- b. Firm: UCF
- c. Email: danh@ucf.edu
- d. Phone #: (407)247-9421

9. Organization or Name of entity receiving funds:

- a. Name: UCF
- b. County (County where funds are to be expended): Orange
- c. Service Area (Counties being served by the service(s) provided with funding): Statewide

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?

Research communities have made significant technological advances in a number of areas, but there has been very little effort to coalesce these advances in a comprehensive manner to positively influence quality of urban living. Fostering Smart Urban Transportation and Ubiquitous Resilience with Connected Infrastructure and Technology (FUTURE CITY) is an initiative that aims at synergistically incorporating the wide-range of technological advances in the service of urban residents.

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

Spending Category	Description	Nonrecurring (Should equal 4d, Col. E) Enter ?0? if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<input checked="" type="checkbox"/> b. Other Salary and Benefits	1 Staff Member: Administrative and a grant specialist	66,000
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> d. Consultants/Contracted Services/Study		
Operational Costs:		
<input checked="" type="checkbox"/> e. Salaries and Benefits	3 Faculty from multidisciplinary disciplines relevant to Smart Cities' research and education.	441,000
<input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	Startup expenses for new facility	750,000
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering	Establish a Smart City Lab	1,000,000
TOTAL		2,257,000

13. For the Fixed Capital Costs requested with this issue (In Question 12, category ?h. Fixed Capital Outlay? was selected), what type of ownership will the facility be under when complete? (Select one correct option)

For Profit

Non Profit 501(c) (3)

Non Profit 501(c) (4)

Local Government (e.g., police, fire or local government buildings, local roads, etc.)

State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)

Other (Please describe)

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:

Letters from City of Orlando, FDOT District 5, MetroPlan Orlando. FHWA grant of \$11.9 million to FDOT, Metro Plan Orlando and UCF to apply Advanced Congestion-Management Technologies in Orlando.

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

No

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

Yes

17a. What are the activities and services that will be provided to meet the purpose of the funds?

Bring all stakeholders from government, private, and academia to develop and work on Smart Cities' ideas and technologies.

17b. Describe the direct services to be provided to the citizens by the funding requested.

Through out partnership with the City of Orlando and other cities, ideas and technologies related to Smart Cities would be implemented for improvement of services, e.g., transportation, tourism, etc.

17c. Describe the target population to be served (i.e., "the majority of the funds requested will serve these target populations or groups.").

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
- General (The majority of the funds will benefit no specific group)
- Other (Please describe): Tourists, Students

17d. 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 each Benefit/Outcome 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 checked="" type="checkbox"/> Enrich cultural experience	Ease of identifying key locations and services related to culture in urban areas.	Measures by increase attendance of cultural events.
<input type="checkbox"/> Improve agricultural production/promotion/education		
<input checked="" type="checkbox"/> Improve quality of education	New generation aware and knowledgeable of various technologies for smart cities.	Measured by better and more prepared graduates and workforce.
<input type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality		
<input checked="" type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)	Better and sufficient use of law enforcement	Measure by speed of response and eventually reduction in crime, etc.
<input checked="" type="checkbox"/> Improve transportation conditions	Prepare for the advent of connected and automated vehicles.	Measured by improvement in transportation efficiency and safety.
<input checked="" type="checkbox"/> Increase or improve economic activity	Attracting businesses large and small to the region.	More employment and better wages.
<input checked="" type="checkbox"/> Increase tourism	Ease of finding information and mobility for tourists	Increase in the no of tourists
<input checked="" type="checkbox"/> Create specific immediate job opportunities	Attracting businesses large and small to the region	More employment and better wages
<input type="checkbox"/> Enhance specific individual?s economic self sufficiency		
<input type="checkbox"/> Reduce recidivism		
<input type="checkbox"/> Reduce substance abuse		

<input type="checkbox"/> Divert from Criminal/Juvenile justice system		
<input checked="" type="checkbox"/> Improve wastewater management	More advanced solutions	lower cost of water treatment
<input checked="" type="checkbox"/> Improve stormwater management	More advanced solutions	More efficient solutions for drainage, flooding, etc
<input checked="" type="checkbox"/> Improve groundwater quality	More advanced solutions	Lower cost of managing water quality and seepage.
<input checked="" type="checkbox"/> Improve drinking water quality	More advanced solutions	Lower cost of drinking water treatment.
<input checked="" type="checkbox"/> Improve surface water quality	More advanced solutions	More efficient solutions for drainage, flooding, etc.
<input checked="" type="checkbox"/> Other (Please describe): Improve infrastructure	More sensing and better monitoring technologies for existing infrastructure and better materials for new infrastructure	More resilient and low cost

19. Provide the total cost of the project for FY 2018-19 from all sources of funding (Enter ?0? if amount is zero):

Type of Funding	Amount	Percent of Total	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	2,257,000	43.0%	N/A
2. Federal:	1,800,000	34.3%	Yes
3. State: (Excluding the requested Total Amount in #4d, Column F)	1,191,000	22.7%	Yes
4. Local:	0	0.0%	No
5. Other:	0	0.0%	No

TOTAL	5,248,000	100%	
-------	-----------	------	--

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

No