

Appropriations Project Request - Fiscal Year 2018-19

For projects meeting the Definition of House Rule 5.14

1. Title of Project: University of Florida: Data Science and Information Technology
2. Date of Submission: 11/13/2017
3. House Member Sponsor: Mike Miller
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:					50,000,000	50,000,000

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.
N/A

6. Requester:

- a. Name: Kent Fuchs
- b. Organization: University of Florida
- c. Email: kent.fuchs@ufl.edu
- d. Phone #: (352)392-1311

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

- a. Name: David Norton
- b. Organization: University of Florida
- c. Email: dpnorton@ufl.edu
- d. Phone #: (352)392-9271

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

- a. Name: Marion Hoffman
- b. Firm: University of Florida
- c. Email: marionh@ufl.edu
- d. Phone #: (850)270-4040

9. Organization or Name of entity receiving funds:

- a. Name: University of Florida
- b. County (County where funds are to be expended): Alachua
- 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?

The Data Science and Information Technology Building will house faculty and researchers from the College of Medicine, College of Engineering, College of Pharmacy, and Informatics Institute who specialize in analyzing massive amounts of data to tackle complicated problems. The facility also will consolidate faculty from the Departments of Electrical and Computer Engineering, and Computer and Information Science and Engineering.

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 type="checkbox"/> b. Other Salary and Benefits		
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> d. Consultants/Contracted Services/Study		
Operational Costs:		
<input type="checkbox"/> e. Salaries and Benefits		
<input type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering	Construction of a 260,000 gross square foot building to house faculty, staff and students from the colleges of medicine, pharmacy, and engineering and the UF Informatics Institute.	50,000,000

TOTAL		50,000,000
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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:

University of Florida Board of Trustees; BOG Approved PECO Project; BOG approved educational plant survey - January 25, 2017

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?

The Data Science and Information Technology Building, a multi-disciplinary cross-college initiative, will house faculty from the College of Medicine, the College of Pharmacy and the Herbert Wertheim College of Engineering who analyze large amounts of data to tackle complicated problems, and for those who develop the hardware systems that create data. It will house the UF Informatics Institute, whose focus is on interdisciplinary data challenges in fields ranging from health care to agriculture.

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

100% ten year increase in research funding for Computer Engineering; 33% ten year increase in research funding for selected health care areas; 300% four year increase in research funding for interdisciplinary Informatics Institute; Increased degrees (120 in Engineering Degrees, 120 in Biomedical Informatics and Health Outcomes; 500 new students enrolled in data science & software carpentry certificate programs, short courses and tutorials.

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): University faculty and staff, FLA business and industry, and Florida citizens

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 checked="" type="checkbox"/> Improve physical health	Improved research related to health outcomes	Research funding in data science as applied to human health
<input checked="" type="checkbox"/> Improve mental health	Improved research related to mental health outcomes	Research funding in data science as applied to human mental health
<input type="checkbox"/> Enrich cultural experience		
<input type="checkbox"/> Improve agricultural production/promotion/education		
<input checked="" type="checkbox"/> Improve quality of education	Over five years 120 new Engineering Degrees and 120 new Biomedical Informatics and Health Outcomes Degrees; 500 new students enrolled in data science & software carpentry certificate programs, short courses and tutorials	Measure of degrees awarded
<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 checked="" type="checkbox"/> Improve transportation conditions	Improved research in transportation engineering	Research funding in data science and information technology as applied to transportation
<input checked="" type="checkbox"/> Increase or improve economic activity	Increase in collaborations with in-state companies and startup businesses needing competitive expertise in data science and	Industry sponsored research funding in applied data science and information technology; increase in startups in applied data science and

	information technology	information technology
<input type="checkbox"/> Increase tourism		
<input checked="" type="checkbox"/> Create specific immediate job opportunities	Number of UF graduates with expertise in data science and IT	Number of UF graduates with expertise in data science and IT
<input checked="" type="checkbox"/> Enhance specific individual's economic self sufficiency	Startups and employment opportunities in the innovation economy pertaining to data science and IT	Number of jobs and startups in the innovation economy pertaining to data science and IT
<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	Improved research in wastewater management using data analytics and next-gen information technology	Research funding in data science and information technology as applied to surface water management
<input checked="" type="checkbox"/> Improve stormwater management	Improved research in stormwater management using data analytics and next-gen information technology	Research funding in data science and information technology as applied to surface water management
<input checked="" type="checkbox"/> Improve groundwater quality	Improved research in groundwater management using data analytics and next-gen information technology	Research funding in data science and information technology as applied to surface water management
<input checked="" type="checkbox"/> Improve drinking water quality	Improved research in municipal water management using data analytics and next-gen information technology	Research funding in data science and information technology as applied to surface water management
<input checked="" type="checkbox"/> Improve surface water quality	Improved research in surface water management using data analytics and next-gen information technology	Research funding in data science and information technology as applied to surface water management

<input checked="" type="checkbox"/> Other (Please describe): Improve University Stature	Enhance the university's performance on all of the Preeminent University Metrics specified in s.1001.7065, Florida Statutes	National University Ranking
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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:	50,000,000	80.0%	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:	12,500,000	20.0%	Yes
TOTAL	62,500,000	100%	

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

Yes

20a. How much state funding would be requested after 2018-19 over the next 5 years?

- <1M
- 1-3M
- >3-10M
- >10M

20b. How many additional years of state support do you expect to need for this project?

- 1 year
- 2 years

- 3 years
- 4 years
- >= 5 years

20c. What is the total project cost for all years including all federal, local, state, and any other funds? Select the single answer which best describes the total project cost. If funds requested are for ongoing services or for recurring activities, select ?ongoing activity?.

- Ongoing activity ? no total cost
- <1M
- 1-3M
- >3-10M
- >10M