

# Budget Detail Request - Fiscal Year 2016-17

Your request will not be officially submitted unless all questions and applicable sub parts are answered.

1. Title of Project: University of Florida Engineering Innovation Nexus-Renovation/Additions to Nuclear Science Building
2. Date of Submission: 12/15/2015
3. House Member Sponsor(s): Elizabeth Porter

## 4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? Yes  
***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? 2015-16
- c. Were the funds provided in the most recent fiscal year subsequently vetoed? No
- 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 2015-16<br>(If appropriated in FY 2015-16 enter the appropriated amount, even if vetoed.) |                               |  | Develop New Funds Request for FY 2016-17<br>(If no new Recurring or Nonrecurring funding is requested, enter zeros.) |   |   |  |
|--------------------|--|-------------------------------|--|--|---|---|--|
|                    | Column: A  | B                             | C  | D  | E   | F   | G  |
| Funds Description: | Prior Year Recurring Funds   | Prior Year Nonrecurring Funds | Total Funds Appropriated<br><br>(Recurring plus Nonrecurring: Column A + Column B) | Recurring Base Budget<br><br>(Will equal non-vetoed amounts provided in Column A )                                   | <b>INCREASED or NEW Recurring Requested</b> | <b>TOTAL Nonrecurring Requested</b><br><br>(Nonrecurring is one time funding & must be re-requested every year) | <b>Total Funds Requested Over Base Funding</b><br><br>(Recurring plus Nonrecurring: Column E + Column F) |
| Input Amounts:     | 0  | 6,000,000                     | 6,000,000  | 0  | 0   | 20,500,000  | 20,500,000   |

- e. New Nonrecurring Funding Requested for FY 16-17 will be used for:  
 Operating Expenses     Fixed Capital Construction     Other one-time costs
- f. New Recurring Funding Requested for FY 16-17 will be used for:  
 Operating Expenses     Fixed Capital Construction     Other one-time costs

5. Requester:

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

6. 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, Alachua

7. Write a project description that will serve as a stand-alone summary of the project for legislative review. The description should summarize the entire project's intended purpose, the purpose of the funds requested (if request is a sub-part of the entire project), and most importantly the detail on how the funds requested will be spent - for example how much will be spent on positions and associated salaries, specifics on capital costs, and detail of operational expenses. The summary must list what local, regional or statewide interests or areas are served. It should also document the need for the funds, the community support and expected results when applicable. Be sure to include the type and amount of services as well as the number of the specific target population that will be served (such as number of home health visits to X, # of elderly, # of school aged children to receive mentoring, # of violent crime victims to receive once a week counseling etc.)

A request for \$20.5M in non-recurring fixed capital outlay funds to complete UF's Engineering Innovation Nexus project which is an 88,000 square foot, state-of-the-art research and educational environment located in the heart of UF's campus. The total project budget is \$53M. OF the total \$53M, UF is committing \$26.5M, or 50% of its own funds to the project, which are already in hand, and the 2015 Legislature appropriated \$6M from PECO funds. The \$53M will be used to update the 50 year old Nuclear Science building by re-repurposing existing space, providing for cutting-edge education and research opportunities and increasing the number of students earning engineering degrees. Features of the new 21st century facility include: Home for computer engineering; state-of-the-art biotech facility including biomechanics and cellular engineering labs; advanced manufacturing lab; student prototyping facility; home for engineering extension program and industry collaboration; interdisciplinary freshman design labs and senior capstone design labs.

As one of the largest engineering colleges in the nation, Gator Engineering will have a significant impact on the world's engineering workforce. The State will realize the following significant return on investment: 300 more engineering degrees earned annually through increased retention and recruiting; \$4 million additional industry research funding; increased numbers of patents and licenses; \$10M additional multi-disciplinary research funding; new engineering start-up companies annually will be doubled from 5 to 10. Projected job openings: 18,000-Statewide; 300,000- National. Average Starting Salaries: \$55,000 Bachelor's of Science; \$70,000-\$120,000 Ph.D.

The recently-received Wertheim Family Gift totaling \$50M, the largest cash gift in UF's history, is the catalyst for the largest expansion in the 105-year history of UF Engineering. As President Fuchs stated, "This gift raises the stature of both the engineering college and the university. This transformation will further accelerate social and economic development in the state of Florida and the nation." Virtually every freshman engineering student who enters the college will benefit from this building, as will more than 100 graduate students. These new facilities are designed specifically to enhance their hands-on engineering

experience, further boost their overall engineering education, and improve recruitment and retention of undergraduate students. Our goal is to see further improvement in graduation rates, closer ties with industry, and a direct enhancement of the state's workforce development efforts.

8. Provide the total cost of the project for FY 2016-17 from all sources of funding:

Federal: 3,100,000

State: 20,500,000 (Excluding the requested Total Amount in #4d, Column G)

Local: 23,400,000

Other: 6,000,000

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

No