

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: Crohn's and Colitis Research Initiative
2. Date of Submission: 12/16/2015
3. House Member Sponsor(s): Jason Brodeur

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 (If appropriated in FY 2015-16 enter the appropriated amount, even if vetoed.)			Develop New Funds Request for FY 2016-17 (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 (Recurring plus Nonrecurring: Column A + Column B)	Recurring Base Budget (Will equal non-vetoed amounts provided in Column A)	INCREASED or NEW Recurring Requested	TOTAL Nonrecurring Requested (Nonrecurring is one time funding & must be re-requested every year)	Total Funds Requested Over Base Funding (Recurring plus Nonrecurring: Column E + Column F)
Input Amounts:	337,000	500,000	837,000	337,000	663,000	1,000,000	1,663,000

- 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: Dan Holsenbeck
- b. Organization: University of Central Florida
- c. Email: daniel.holsenbeck@ucf.edu
- d. Phone #: (407)823-2387

6. Organization or Name of Entity Receiving Funds:

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

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.)

One of the major objectives of these initiatives is to bring highly skilled Jobs to Florida. We propose to use the funds for Faculty salary support, student stipends, research supplies, research equipment support, clinical support staff, and for pilot clinical trials. The funds provided to UCF in support of this project are being used to establish a robust and shared clinical/research/education center to focus on Crohn's disease and other gastrointestinal (GI) and/or digestive diseases. Understanding GI diseases, their etiology, diagnosis, prevention, treatment, and gaining and disseminating knowledge about the disease epidemiology are the objectives. The unit will collaborate and partner with University of Miami and engage in partnerships as needed with other institutions within Florida.

- a) GI diseases including Crohn's, ulcerative colitis, irritable bowel syndrome and other diseases. Fundamental disease mechanisms, pathogenesis, role of diet, establishing biomarkers, role of gut bacteria (microbiome) will be studied;
- b) Fundamental mechanisms by which GI inflammation contributes to overall chronic inflammatory diseases (e.g. diabetes, heart diseases, neurodegenerative diseases, cancer etc.) will be determined;
- c) Dietary factor (e.g. fried food, vitamin D, high sugar) contribution to GI inflammation will be studied;
- d) Patient and clinician education will be one of the focuses on topics described above. Dissemination of current and emerging research information to patient and clinician through the center will be established.
- e) Educational programs (in addition to student training) will include organization of seminars and conferences. We just recently organized a very successful International Symposium, which included several speakers on Crohn's and other IBDs).
- f) Some of the proposed research programs require use of state-of the-art equipment, such as Electron microscope and PCR machines. The availability of funds to purchase capital equipment will help to strengthen and extend our research.

- g) Provide education in nutrition and lifestyle modalities in controlling Crohn's and GI inflammatory diseases. We anticipate a heavy demand for the nutritionist and dieticians for patient counseling. In addition, we expect the nutritionist to be a highly trained scientist who will bring additional federal grants as well as establish clinical trials. These in return are expected to bring additional jobs.
- h) Provide continuing medical education in GI disease areas to clinical partners.
- i) Provide current GI related information to the general public by organizing seminars, information booklets, etc.
- j) Bring eminent scholars who are engaged in research and patient care related to the objectives of the program.
- k) Identify new investigators who would complement the ongoing activities, provide them seed money to expand their research.
- l) Recruit a statistician (part-time) who would assist researchers and clinicians working on the objectives.
- m) Two new clinical trials will be introduced

Crohn's and Colitis research is an ongoing activity that involves two institutions, multiple clinical and basic researchers, training of Master's and Graduate level students and several research projects. These are long term (2-5 years) undertakings (e.g Master's level training is of 2 years duration and a PhD student, typically takes 3-5 years to complete the program. Research projects also take several years to complete. Sustained funding is requested and required for long term, job positions and successful completion of the objectives. Above all, we propose to initiate two clinically related activities this year, one by a questionnaire follow up of Crohn's patients and the other by embarking on a pilot clinical trial.

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

Federal: 0

State: 337,000 (Excluding the requested Total Amount in #4d, Column G)

Local: 0

Other: 0

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

Yes