

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-IFAS Applied Mosquito Research Program
2. Date of Submission: 02/25/2016
3. House Member Sponsor(s): Matthew Caldwell

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:	500,000	0	500,000	500,000	530,693	0	530,693

- 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: Mary Ann Hooks
- b. Organization: UF/IFAS
- c. Email: mgosa@ufl.edu
- d. Phone #: (850)322-7259

6. Organization or Name of Entity Receiving Funds:

- a. Name: UF/IFAS
- b. County (County where funds are to be expended) Alachua
- 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.)

The principal aims of the Applied Mosquito Research Program (AMRP), are: 1) develop more effective and environmentally sound mosquito control techniques for use by Florida mosquito control and public health agencies 2) develop new products for public health arthropod control including biopesticides and mosquito-specific products, using novel molecular and conventional techniques 3) identify and mitigate possible negative environmental impacts of mosquito control practices and 4) generally improve all aspects of management of arthropods.

The requested funds will be used in support of these goals to pay for salaries of three faculty level researchers, program technical and administrative support, research equipment, materials and supplies; and miscellaneous program associated expenses.

ROI - Reduced pesticide use due to improved surveillance, and more effective products is estimated to reduce pesticide use for mosquito control in Florida \$12,500,000 per year. New product development ROI could be as much as 34:1 with a total savings of \$82.5 million.

Prevention of mosquito borne disease outbreaks - Florida has recently experienced localized outbreaks of mosquito transmitted diseases including West Nile virus, St. Louis encephalitis, dengue and chikungunya fever with the latest threat being the zika virus.

The costs of disease outbreaks for West Nile infection alone are close to \$800 million nationally for the period 1999-2014, or approximately \$56 million per year.

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

Federal: 0

State: 0 (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