

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Scripps Research Molecular Imaging Center
2. Date of Submission: 11/15/2019
3. House Member Sponsor: Rick Roth
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 2019-20 <i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2020-21 <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:					2,000,000	2,000,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? No
 - 5a. If yes, which state agency?
 - 5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? Department of Health
 - 5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? No
 - 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.

Return appropriation if first cryo-electron microscope not installed by Dec. 31, 2022

6. Requester:

- a. Name: Douglas Bingham
- b. Organization: Scripps Research
- c. Email: dbingham@scripps.edu
- d. Phone #: (561)228-2001

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

- a. Name: Douglas Bingham
- b. Organization: Scripps Research
- c. Email: dbingham@scripps.edu
- d. Phone #: (561)228-2001

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

- a. Name: Rebecca DeLaRosa
- b. Firm: Palm Beach County Government
- c. Email: rdelarosa@pbcgov.org
- d. Phone #: (850)284-7235

9. Organization or Name of entity receiving funds:

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

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?

Fifteen years after its founding, Scripps Research must update its scientific equipment to remain competitive and leverage additional grants, as well as recruit and retain top scientific talent. A key infrastructure need is the latest in molecular imaging equipment. The planned Scripps Research Molecular Imaging Center is to have a suite of state-of-the-art imaging instruments, including Cryo-Electron microscopes and information technology infrastructure upgrades to handle the massive data.

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 checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	Cryo-Electron Microscope	2,000,000
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering		
TOTAL		2,000,000

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:

Please see Letter of Support from Scripps Research management describing their commitment to paying for the first of the three required advanced microscopes.

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 Scripps Research Molecular Imaging Center will produce biomedical research that explores fundamental biology and advances scientific understanding to the benefit of humanity, in pursuit of new therapies for unmet medical needs. Research may include areas such as rare genetic diseases, cancer, causes of dementia including Alzheimer's, developmental disorders including autism, neurodegenerative diseases including ALS and Parkinson's, and more. Training workshops and scientific symposia will ex

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

The Scripps Research Molecular Imaging Center will be a critical part of the campus' translational research tool set, enabling the development of vaccine candidates and new drug molecules. It will also create unique STEM educational opportunities in the area of computer science, data science, structural biology and molecular biology which will be available to graduate students at the Scripps Research Skaggs Graduate School for Chemical and Biological Sciences, undergraduates at the Florida Atlan

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): Life science businesses and academic programs in Florida

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	Produce scientific papers in peer-reviewed journals about discoveries designed to advance human health and/or scientific knowledge.	Provide on request abstracts of grant applications and/or research published in peer-reviewed scientific journals.
<input type="checkbox"/> Improve mental health		
<input type="checkbox"/> Enrich cultural experience		
<input type="checkbox"/> Improve agricultural production/promotion/education		
<input checked="" type="checkbox"/> Improve quality of education	Demonstrate that Florida-based students at either the high school, undergraduate or graduate school level have had opportunities to learn about state-of-the-art molecular imaging technologies and how they are used to gain scientific and biomedical insights.	Provide any of the following: - Copies of student papers or presentations based on the Molecular Imaging Center. - A report on educational outreach activities from the director of the Molecular Imaging Center - Published scientific papers based on work produced by the Molecular Imaging Center showing the involvement of students at any level.
<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 type="checkbox"/> Improve transportation conditions		
<input checked="" type="checkbox"/> Increase or improve economic activity	Demonstrate that the Molecular Imaging Center has enabled the attraction of new federal or foundation grant funding OR facilitated the recruitment of new faculty and/or staff who will seek such	- Provide documentation of new grant applications and awards on request. - Provide details on faculty and staff recruitment efforts on request.

	funding at Scripps Research Florida and/or neighboring institutions including FAU and Max Planck	
<input type="checkbox"/> Increase tourism		
<input checked="" type="checkbox"/> Create specific immediate job opportunities	It is anticipated that the establishment of the Molecular Screening Center will involve the hiring of up to 12 new research positions at Scripps Research and create opportunities for two graduate fellowships, depending on grants and philanthropic gifts raised.	The Scripps Research Annual Report to the Scripps Florida Funding Corporation details job information and can be supplied on request.
<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 type="checkbox"/> Improve wastewater management		
<input type="checkbox"/> Improve stormwater management		
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input type="checkbox"/> Improve surface water quality		
<input checked="" type="checkbox"/> Other (Please describe): Biomedical advances and economic diversification in knowledge economy jobs	Developing treatments for unmet medical needs requires tools for structure-based drug and vaccine design. This program will provide those tools and be of the caliber of	Any of the following: - Publications in scientific journals - Intellectual property generated by discoveries - Collaborations with other biomedical researchers and life science

	preeminent research institutions and will burnish Florida's "world class science" credibility outside the state. This can be demonstrated by publications in scientific journals or development of pre-clinical drug candidates.	companies
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19. Provide the total cost of the project for FY 2020-21 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:	2,000,000	27.4%	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:	5,300,000	72.6%	Yes
TOTAL	7,300,000	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 2020-21 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