



**Materials, Services, Facilities and Technology Fee
Fiscal Year 2016-2017 Budget Request Form***

DUE: Friday, January 15, 2016 @ 5:00 P.M.
Please return completed requests via email to gina.matibag@csuci.edu

If you have questions about this form, please contact Gina Matibag at (805) 437-3320
For additional information please consult the MSFT web page.

Project or Activity Title: Santa Rosa Island Research Station – Visitor Capacity Expansion

Name of organization requesting funds: Santa Rosa Island Research Station **Date:** 1-11-2016

Requestor: Cause Hanna **Contact Phone Number:** (805) 437-3785 **E-mail:** cause.hanna@csuci.edu

Amount of MSFT Funding Requested: \$39,300

Date Funding Needed by: July 2016

Will you receive funds from any other source(s)? YES

If yes, please detail amount requesting from other source(s) as well as your total request for fiscal year 2015-2016 (including request from MSFT).

Has this project or activity previously received MSFT funding? No.

If yes, please attach copy of report

Please describe how the use of MSFT funds for this project or activity will benefit the CI student body.

Please provide the following in your application. You may attach additional pages and materials (applicants may be requested to meet with the committee to discuss proposals):

- 1. Brief Project Description.** Describe the project and its benefits to the educational or co-curricular experience of students at CI. Please provide specific information about how MSFT funds will be used and their impact on the campus. Please describe how this project benefits CI students? Please describe items and provide justification if your request includes the purchase of computers, equipment, furniture or other materials. Please provide a timeline for implementation of the proposed project. If physical improvements are requested please describe need, scope and impact of work to be completed. If the project includes provision of services please indicate the type of service, personnel costs and level or quantity of service to be provided with project funds.

The mission of the CI Santa Rosa Island Research Station (SRIRS) is to advance the interdisciplinary knowledge and natural and cultural resource stewardship of the Channel Islands through long-term research,

inquiry-based education, and public outreach. Specifically the SRIRS will place CI students at the center of the educational experience by:

- 1) Implementing an experiential and interdisciplinary curriculum that engages students across academic levels.
- 2) Developing and supporting student knowledge and critical thinking skills through inquiry-rich learning activities.
- 3) Utilizing project-based learning activities to involve students in real-world data collection, analysis, and problem solving within Channel Islands National Park.
- 4) Emphasizing undergraduate research that will enable students to gain perspective on interdisciplinary issues in a complex system, thus change students from passive to active learners.

This proposal is requesting funding for SRIRS infrastructure that will benefit the educational experience of students at CI by supporting an increase in the SRIRS housing capacity. In the 2014-15 academic year the research station accumulated 3,842 user days, which was a 52% increase from the previous year, and interest in the research station continues to grow. SRIRS users during the 2014-15 academic year included 12 CSUCI academic programs, 16 academic institutes, and 13 outside agencies/organizations. CSUCI students accounted for >50% of the users at the research station and the SRIRS supported 51 undergraduate research capstone/independent study projects (Figure 1).

Figure 1. Students performing capstone research on Santa Rosa Island.



Currently, the research station has indoor sleeping accommodations for 22 individuals within the bunkhouse and an overflow camping area accommodates additional visitors. The research station provides tents for students residing in the overflow camping area, however due to extreme island weather (i.e. wind gusts of up to 50-70 mph and sustained winds of 30 mph) the comfort and safety of the students is compromised. Due to the heavy and growing use of the research station, visitors occupied the overflow camping area during >90% of the weekend trips within the 2014-15 academic year. In the spring of 2016 we have 28 CI groups scheduled to use the SRIRS across nine academic programs. The average occupancy each weekend will be ~35 individuals, which means ~13 individuals will be staying in the overflow tent camping area each trip. The research station has started denying access to a variety of CI and outside groups this coming spring because we will be at maximum capacity.

We are requesting funding to construct two semi-permanent structures that will have the capacity to house an additional 16 individuals. The semi-permanent structures (Figure 2) will be constructed within the current overflow camping area and increase the capacity of the SRIRS to 38 individuals. The ability to adequately and safely house a maximum of 38 individuals at the SRIRS will enable us to satisfy the demands of a typical class size (undergraduate and K-12) or multiple groups at the same time. The ability to host multiple groups at the SRIRS is critical because it provides the opportunity for researches and students

across disciplines to expand upon each other's perspectives of the same landscape. The discussions that ensue across the kitchen table have resulted in innovative research proposals and informed many undergraduate career paths.

Figure 2. Proposed Sweetwater Bungalow semi-permanent structure.



If funding is available during the 2015-16 academic year we have the ability to initiate and complete the proposed project.

- 2. Project/Activity Budget.** Please enclose a complete detailed budget of the entire project. Indicate (in **bold**) specific items of requested MSFT funding including (where applicable) a schedule and priority of project items to be considered if the project is funded at a reduced level. Were other, less costly, approaches considered when preparing the budget for the project? Are there elements that could be eliminated or deferred if funding is not available for the entire project?

In total, we request \$39,300 to complete the proposed SRIRS semi-permanent structures. Specifically, we request \$31,100 for the **supplies** associated with the two semi-permanent structures (Table 1), \$6,000 to cover the **labor** of four CI facility services personnel for three days each, and \$2,200 to cover their **transportation** to and from Santa Rosa Island.

Table 1. Semi-permanent supply costs.

Item	Cost per Item	Quantity	Total Cost
Semi-permanent Structure (Sweetwater bungalows)	\$9,700	2	\$19,400
Platform	\$3,400	2	\$6,800
Wind-break (necessary for expected wind load)	\$1,200	2	\$2,400
Shipping	\$550	2	\$1,100
Electrical (conduit, wires, light fixtures, etc.)	\$1,400	N/A	\$1,400
Sub-Total			\$31,100

- 3. Project Assessment.** Describe how the effectiveness of the project will be assessed and measures that will be used to determine if it has attained its objectives. Please note a report will be due at the end of the semester (or fiscal year for annual projects). If funded, how will the project acknowledge the use of student funds so that students are aware that their student fees made (or helped to make) it possible? If appropriate, indicate how the project or activity promotes sustainability at CI.

The proposed project will be assessed by quantifying the user days of the semi-permanent CI student. In addition, we will continue to survey all CI students who use the SRIRS and specifically ask them how their sense of community, place, and self has been impacted.

