



**Materials, Services, Facilities and Technology Fee
Fiscal Year 2017-2018 Budget Request Form***

DUE: Friday, January 20, 2017 @ 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 Accommodation Improvements

Name of organization requesting funds: Santa Rosa Island Research Station **Date:** 1-12-17

Requestor: Robyn Shea **Contact Phone Number:** (805) 437-1653

E-mail: robyn.shea@csuci.edu

Amount of MSFT Funding Requested: \$25,000

Date Funding Needed by: July 2017

Will you receive funds from any other source(s)? YES NO x

If yes, please detail amount requesting from other source(s) as well as your total request for fiscal year 2016-2017 (including request from MSFT).

Has this project or activity previously received MSFT funding? **Yes**

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):

- 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.

The SRIRS officially opened its doors in the spring of 2014 and we've experienced rapid growth and success across a variety of metrics. The contribution of the SRIRS to resource protection, scientific literacy, and stewardship of the Channel Islands National Park is represented not only by the number of user days but also by the quantity and diversity of scientific projects and the partnerships it has helped develop and support.

This proposal is requesting funding to improve SRIRS infrastructure that will benefit the educational experience of students at CI by improving accommodations, facilities and ultimately making for a more positive experience and better learning environment. In the 2015-16 academic year the research station accumulated 5,010 user days, which was a 30% increase from the previous year, and interest in the research station continues to grow. SRIRS users during the 2015-16 academic year included 16 of the 25 CSUCI academic programs, 37 academic institutes, and 23 outside agencies/organizations. CSUCI students accounted for ~60% of the users at the research station and the SRIRS supported 37 undergraduate research capstone/independent study projects

Due to the increased demand for and use of the Santa Rosa Island Research Station (SRIRS) we consistently have more visitors than the 22 beds within the bunkhouse, so overflow visitors are asked to camp behind the bunkhouse. With our 2016-17 MSFT funding we purchased and constructed a raised platform with wind break and two 20'x14' tent-cabins. The tent-cabins have created a safer and more secure overflow housing option by providing additional sleeping accommodations for 14 individuals. We are requesting 2017-18 MSFT funding to complete the remaining tent-cabin housing requirements:

1. Furniture: Purchasing bunk beds will greatly enhance the usability of the tent cabins and improve the user experience.
2. Electricity: Solar power lighting for the interior and exterior of the tent-cabins will improve their safety and applicability.
3. Bathroom: Retrofitting an existing structure in close proximity to the tent-cabins into a ½ bath (toilet/sink) will vastly improve restroom access and sanitation.

The ability to host ≤ 36 individuals at the SRIRS will enable us to satisfy the demands of a typical class size (K-12 and undergraduate) or multiple groups at the same time. The ability to host multiple groups at the SRIRS is critical because it provides the opportunity for professional researchers 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.

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?

We request \$25,000 to: 1) furnish, 2) provide electricity, and 3) build a restroom for the SRIRS tent-cabins. Specifically, we request \$7,950 for the furnishings and lighting associated with the two semi-permanent structures, \$6,800 for the materials and fixtures for a bathroom, and \$10,250 to cover the labor, travel and support for five CI facility services personnel associated with installation and construction activities.

Table 1. Furnishing/Lighting supplies and Bathroom costs.

| Item | Cost per Item | Quantity | Total Cost |
|--|---------------|----------|-----------------|
| Bunk-bed Frames (Sustainable Furniture, Inc.) | \$ 200 | 14 | \$2,800 |
| Mattresses (Sustainable Furniture, Inc.) | \$ 150 | 14 | \$2,100 |
| Futon – sleeper sofa | \$ 650 | 1 | \$ 650 |
| Freight (all combined) | \$1,750 | 1 | \$1,750 |
| Solar Powered LED lighting – outdoor/motion sensor | \$ 350 | N/A | \$ 350 |
| Indoor LED Lighting | \$ 300 | N/A | \$ 300 |
| Bathroom Fixtures and Material | \$6,800 | N/A | \$6,800 |
| Labor (Facilities Services) | \$7,500 | N/A | \$7,500 |
| Transportation | \$2,750 | 1 | \$2,750 |
| Sub-Total | | | \$25,000 |

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 CI students. 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.

The project will acknowledge the use of CI student funds by including specific wording on the posted plaque stating that the CI students were the source of funding within our SRIRS user guidelines and facility description for the tent cabins, furnishings and lighting as well as on the bathroom facility. The project directly promotes sustainability on the CI campus by promoting and demonstrating the principles of sustainability and energy efficiency. The fixture in the bathroom would be a toilet/sink combo unit using grey water from hand washing to flush the toilet (see Figure 1) thus greatly reducing the amount of water used. The furniture we propose to purchase, provided by Sustainable Furniture, Inc., is constructed of recycled solid oak and is hardware-less, thus reducing the amount of materials used. Lighting will either be solar powered or utilize rechargeable batteries for back-up power. We will also incorporate lumber from sustainable forests certified by SFI (Sustainable Forestry Initiative) to retrofit the outbuilding for a bathroom and use recycled materials for flooring, doors, etc.

Figure 1. Sink/toilet combo proposed for SRIRS out-building.



4. Sources of Project Support. Please list the other sources of funding, and additional support for the activity. If this project or activity has been conducted previously please indicate how it was funded. Please explain if MSFT is the only source of support for the project.

We will use SRIRS Staff and volunteers to assemble and install all of the furniture and lighting fixtures, as well as assist with construction and bathroom installation details with Facility Services as applicable. To complement the requested interior furnishing, existing furniture including armoires, chairs, and desks will be repurposed from the CI campus to use on island. All logistics and coordination will be handled by SRIRS Staff. We are actively seeking private donations to help support additional infrastructure and programmatic improvements that cannot be funded through the SRIRS budget.

Fiscal Management: Project sponsor's unit or department may be responsible for incurred over and above what is funded through the MSFT. If support is requested for costs beyond initial award, or for use on activities or materials not included in approved proposals, the project sponsor must seek approval from the MSFT committee. The project sponsor will be responsible for managing purchases and transfers of funds related to approved projects.

Please review MSFT web page for information about the fund and its objectives before submitting your application.