

# Instructionally Related Activities Funds Request Spring 2018

## ▼ Submitter

### Submitter Name

Donald Rodriguez

### Submitter Email

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## ▼ 1. Basic Details

### Activity Title

Principles of Resource Management Field Trip to Santa Rosa Island Undergraduate Research Station (ESRM200)

### Activity/Event Date

April 13-15, 2018

### Date Funding Needed By

January 2018

### Previously Funded?

- No  
 Yes

## ▼ Previously Funded Proposal

### Semester/Year

Spring 2017

### Proposal # (if known)

0877

### Report submitted for previously Funded Activity?

- No  
 Yes

### Please upload a copy of the report

[SRI Report 2017.pdf](#)

### Additional Report #1

[ESRM 200 Spring 2017\\_itinerary.pdf](#)

### Additional Report #2

### Additional Report #3

### Additional Proposers

### Academic Program(s)/Center Name(s)

ESRM

**Estimated total Course Fee revenue**

\$1,000

**Amount Requested from IRA**

\$2,600

## Estimated Number of Students Participating

25

### 2. Brief Activity Description

Describe the activity and its relationships to the educational objectives of the students' program or major

#### Brief Activity Description

Santa Rosa Island provides a unique laboratory that illustrates many of the elements in the Principles of Resource Management course including endangered species and wildlife management, protected area management, marine and coastal resource conservation, ecological restoration, and watershed protection and management. One of the goals in the 200 course is to introduce students to the broad array of potential research opportunities in the region through interactions with faculty, staff, and community partners such as the Fish and Wildlife Service, National Park Service and State and local park units. During this field experience students would be given the opportunity to experience a range of land management challenges and their solutions on the island. Additionally, students will be exposed to potential capstone undergraduate research opportunities that will provide a "springboard" to future involvement with the research station. Students will be introduced to long term monitoring of the island involving Torrey Pines, Island Fox, and restoration of island vegetation through peer mentors and SRI staff. These long term monitoring efforts provide ideal undergraduate research opportunities and important capstone topics. Students will be introduced and conduct numerous field observations using proven transect protocols during their time on the island which will provide future cornerstones for individual research efforts.

### 3. Learning Outcomes and Relation of IRA to Course Offerings

All IRAs must be integrally related to the formal instructional offerings of the University and must be associated with scheduled credit courses.

1. Please list all classes that directly relate to the proposed activity.
2. For each class listed, describe in detail how exactly the IRA activity will be integrated with the class's activities, how often/ on what expected date(s), and to what extent

#### Learning Outcomes and Relation of IRA to Course Offerings

The following are course learning outcomes for ESRM200 followed by a brief narrative on how this trip relates :

- Demonstrate an understanding of the relationship between conservation initiatives and the local community  
Santa Rosa Island (SRI) provides an incomparable learning laboratory for exploring the nexus of community and conservation. Understanding Park

Service outreach and education efforts are important for students at this stage of their development.

- Define environmental problems from the perspective of both environmental science and resource management.

SRI provides clear examples of basic biological problems (overgrazing by introduced species), and their management solutions (eradication of deer and elk),

- Identify possible causes and propose solutions to environmental problems from the perspective of both environmental science and resource management. One ideal case study on the island involves Island Fox and Golden Eagle predation. This trophic cascade was an outgrowth of species introductions, DDT poisoning of Bald Eagles, and predation on an endangered species by a new predator (Golden Eagles). The decision to eliminate Golden Eagles was extremely political and created new NPS policy.

- Make use of current technological tools in the collection, organization, analysis, and interpretation of data.

There are many examples of these new tools being used on the Island and students will be exposed to numerous field methods during their visit.

### 4. Activity Assessment

Describe the assessment process and measures that the program will use to determine if it has attained its educational goals. **Please note that a report will be due at the end of the semester.**

### Description of Assessment Process

Working in teams students will access historical data regarding Torrey Pine and Island Fox populations prior to their visit, and utilizing new field assessment approaches, they will reassess historical data to determine current management effectiveness. Throughout the semester class discussions will involve various aspects of resource management with a particular focus on habitat conservation. During the trip to SRI students will be prompted to reflect on their experience on SRI as it relates to topics covered throughout the semester. Students will be asked to provide written reflections about their trip and their experiences. These written reflections will be posted on the class website to provide future discussions involving capstone opportunities.

## 5. Activity Budget

Please enclose a complete detailed budget of the entire activity. Indicate specific items that you are requesting IRA to fund.

You should use either the Regular Activity budget (for events on campus) or -- if your event involves any travel-- you MUST use the IRA Travel Budget Form.

You can download both of the IRA Excel Budget sheets at <http://www.csuci.edu/ira/application.htm>.

### Activity Budget

[Budget\\_2018.xlsx](#)

## 6. International Trips

If your event is an international trip submitted through the Center for International Affairs, you must include copies of:

1. Complete Center for International Affairs/ UNIV 392 proposal
2. The program budget as submitted to the Center for International Affairs (to ensure congruency between the two budgets)
3. as well as a copy of the course syllabus

### Center for International Affairs Budget

### Copy of Center for International Affairs Proposal

### Course Syllabus

### Certification

I certify that students attending this trip are not previous or repeat attendees of a prior International UNIV 392 Trip

## 7. Sources of Activity Support

Please list the other sources of funding (including course fees), and exact expected amounts of additional support for the activity. Please indicate if there are no other sources of funding

## Other Sources of Funding

Course lab fees will be used to pay additional travel costs associated with this trip

## 8. Promoting Participation

### What is your intended audience and how do you intend to market this to your students?

The intended audience for this project are undergraduate students enrolled in ESRM200 Principles of Resource Management. A visit to Santa Rosa Island provides students with the opportunity to be immersed within the ecosystems they are learning about in class and to view first hand conservation and restoration issues that are ongoing on the island.

### If this is an event that is off campus, how do you plan to bring back the benefit of this event to campus?

Since the Channel Islands are an integral part of our campus culture, it is imperative that students be given the opportunity to see how these protected areas benefit local communities. The National Park Service is arguably the premier resource management agency in the nation and experiencing their management approaches will provide important examples for students and society.

## 9. Sustainability

If appropriate, indicate how the content or delivery of the project promotes sustainability at CI.

### Sustainability

This project focuses primarily on environmental education, one of the five primary areas of sustainability identified by the CI Sustainability Task Force. In the class visit to Santa Rosa, students will be experiencing an island ecosystem with a long history of human exploitation (beginning with native peoples and extending through the 20th century. Exploring an area now protected as a National Park and in recovery from extensive human influence will educate students in sustainable practices and the use of coastal and marine resources.

## 10. Approval and Acknowledgement

### Program Chair/Director

Anderson, Sean S

### Dean

Adler, Mary

### Conditions and Considerations

**Artist/Performer/Speaker Fees & Honoraria:** On the Activity Budget, please indicate whether the vendor's price was set by you/CI Representative, or is a fee that was set by the vendor.

**Large Event:** For a large event, consultation with the campus Event Coordinator's office at (805)437-8548 is required.

**Field Trip:** Sponsor must comply with all policies found at:

<http://www.csuci.edu/rm/programs/academic-field-trip-guidelines-and-forms.htm>. If approved, Identified Risks of Participation and Release Agreement must be submitted for each student to the Program Office (Public Folders-HR Forms).

**Involves Human Subject Data Collection for Public Dissemination -Requires IRB Approval :** If Project Sponsor proposes to conduct research with human participants, the proposal may be subject to Institutional Review Board for the Protection of Human Subjects (IRB) review. All research that involves any type of interaction with human subjects - from simple surveys to complex biomedical procedures - must be reviewed and approved by the IRB prior to starting the research. Data for "Public Dissemination" indicates interviews/surveys that result in a journal/poster session/newsletter, etc.

**IT Requirements:** If your activity has IT requirements, coordination with and approval from IT Administration is

required.

**International Travel:** Requires International Travel application be submitted to Center for International Affairs. Include copy of CIA budget and course syllabus in your IRA application. Must utilize the University's Foreign Travel Insurance Program (FTIP) and follow all International Travel Guidelines listed at: <http://www.csuci.edu/rm/insurance/foreign-travel.htm>

**Risk Management Consultation:** Events that involve or engage students directly with a performer or artist (i.e. in a workshop or other than as a passive audience member) will require consultation with Risk Management. Requires proof of correspondence with Risk Management.

**Space/Facilities Services Requirements:** Consultation and coordination with Facilities Services is required.

### Acknowledgement

I acknowledge that I have reviewed and accepted the Conditions and Considerations herein. Please check off boxes as appropriate.

### ▼ Chair Review

#### Recommendation

- I recommend approval of the IRA Funds Request described on this page  
 I DO NOT recommend approval of the IRA Funds Request described on this page

#### Comments

 Sean Anderson

Oct 12 2017

### ▼ Dean Review

#### Recommendation

- I recommend approval of the IRA Funds Request described on this page  
 I DO NOT recommend approval of the IRA Funds Request described on this page

#### Comments

Trip appears to be integral to the course.

 Marion Adler

Oct 16 2017