

Instructionally Related Activities Funds Request Fall 2019

▼ Submitter

Submitter Name

Allison Alvarado

Submitter Email

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▼ 1. Basic Details

Activity Title

Ecology and the Environment (Biol 433) Day Trip to the Channel Islands

Activity/Event Date

10/6 & 10/13/2019

Date Funding Needed By

9/30/2019

Previously Funded?

- ☒ No
☐ Yes

Additional Proposers

N/A

Academic Program(s)/Center Name(s)

Biology

Estimated total Course Fee revenue

0

Amount Requested from IRA

\$3,900

Estimated Number of Students Participating

48

▼ 2. Brief Activity Description

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

Brief Activity Description

This trip to Santa Cruz Island will focus on the effects of human societies on natural ecosystems for students taking the Fall 2019 Ecology and the Environment course (Biol 433). The Channel Islands in general provide a snapshot of what the mainland likely looked like approximately a century ago. This field trip to see relatively intact habitat will help students put local conservation issues associated with commercial, residential, and industrial development on the mainland into perspective. In addition to conservation, this course also covers the theory of island biogeography and island endemics (both at the species and subspecies levels). Physically going and visiting the islands will be integral for students to gain first-hand experience and apply concepts previously discussed in the classroom. Students will encounter the variety of wildlife from various habitats, from pelagic while on the boat to intertidal/beach upon arrival at the island to grassland during a day hike. This will expose students to multiple taxa and communities within a single day, which is difficult to achieve on the mainland. Prior to and after the Santa Cruz Island trip, students will have taken local field trips on the mainland, and this island trip will provide a important comparison of island and mainland ecosystems.

▼ 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

This activity will support the learning outcomes of Ecology and the Environment (Biol 433) including the following:

- Ecological characteristics of natural ecosystems and basic effects of human society upon those systems.
- Plant and animal distribution patterns in relation to past and present physical and biotic factors.
- Issues of resource management, population, food production, global environmental problems will also be emphasized to explore future directions.
- Field trips to local ecosystems will be taken.

▼ 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

1. Students will keep a journal (or field notebook) to document their trip to Santa Cruz Island. Journaling assignments are introduced the second week of lab at the beginning of the semester and continue through the entire semester. Students' journal entries are graded multiple times throughout the semester. They will be given time while on the island to write a journal entry, and this island journaling activity will be highlighted. This has an open-ended structure that includes a narrative of their observations as well as a species list and summary of abiotic factors.

2. For the lecture portion of the course, students also do a series of short writing assignments throughout the semester. After returning from the trip, a prompt for a writing assignment will be to compare and contrast the similarities and differences of an island location with a mainland location (e.g. Prisoner's harbor with Ventura harbor) including an assessment of both biotic and abiotic factors.

▼ 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

[Alvarado_Ecology Biol 433_ira-travel-budget-form-ay18-19.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

There are no additional sources of funding.

▼ 8. Promoting Participation

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

Ecology and the Environment (Biol 433) is a General Education course for Upper Division Scientific Inquiry & Quantitative Reasoning and also relates to the Interdisciplinary Approaches Mission Pillar. It is open to any student who has completed a single semester of Introductory Biology (Biol 200). As a result, the course is taken by students from outside of the Biology major and even from other disciplines outside of STEM. It is typically a diverse mix of sophomores, juniors, and seniors, with most having never visited any of the Channel Islands before.

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

Ecology students going out to Santa Cruz Island will share their experience with other students and faculty at the university. This, along with social media posts to the biology webpage, will make others aware that there are opportunities to visit the Channel Islands other than spending a weekend at the SRIRS.

Santa Cruz Island is closer than Santa Rosa Island, and as a result it requires less time and money for a visit. The model of visiting more accessible islands can be used by other faculty to take classes out for shorter trips since availability to stay overnight at the SRIRS is limited.

▼ 9. Approval and Acknowledgement

Program Chair/Director

Mozingo, Nancy M

Dean

Wyels, Cynthia (Arts & Sciences)

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. I acknowledge that the activity sponsor will be responsible for managing purchases, travel arrangements, and all transactions related to approved

activities. 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

 Nancy Mozingo Mar 19 2019

▼ 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

 Cynthia Wyels Mar 27 2019