

Instructionally Related Activities Funds Request Spring 2020

▼ Submitter

Submitter Name

Rudolf von May

Submitter Email

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▼ 1. Basic Details

Activity Title

Santa Rosa Island field trip for Ecology & the Environment course

Activity/Event Date

04/17/20 – 04/19/20

Date Funding Needed By

03/17/20

Previously Funded?

- ☒ No
☐ Yes

Additional Proposers

Academic Program/Center/Organization Name

Biology

Estimated total Course Fee revenue

N/A

Amount Requested from IRA

\$5,225.00

Estimated Number of Students Participating

24

▼ 2. Brief Activity Description

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

Brief Activity Description

I will be the instructor of Ecology & the Environment (BIOL 433) during the Spring 2020 Semester, and I would like to propose and lead a field trip to Santa Rosa Island. This course explores selected topics in ecology, with special emphasis on the study of interactions among organisms and their environment. To this end, exposing students to novel environments, such as those found on and around the Island, will boost students' curiosity and will enhance retention of key concepts in ecology. The class will stay at Santa Rosa Island Research Station (SRIRS), which provides the ideal setting for a unique immersive learning experience. During our visit to SRIRS we will explore native and modified habitats, and learning will focus on central concepts in ecology including species interactions, food webs, ecological succession, nutrient cycling, and the origin of species or subspecies that are unique to the Channel Islands. A trip to Santa Rosa Island will foster students' personal and intellectual growth, and will encourage a life-long connection between the Channel Islands – the namesake of the university – and their individual journey. Furthermore, this activity will be directly connected with CSUCI's mission of broadening students' appreciation of the natural world, which in turn has strong ties with the history and culture of the Central Coast of California.

Please provide a list of administrative support work needed to fulfill the goals of the proposal. Indicate the estimated time of year and amount of time needed for each work item to the best of your ability:

Administrative Time

I will need administrative support provided by Santa Rosa Island Research Station (SRIRS), including that of one SRIRS staff member who will accompany the class during the field trip and stay at the station. The minimum amount of time needed is three days in April 2020.

▼ 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 the Ecology & the Environment (BIOL 433) course including the following:

- Describe plant and animal distribution patterns in relation to abiotic and biotic factors.
- Define the essential characteristics underlying natural ecosystems.
- Explain model population and community-level dynamics.
- Interpret and present ecological results.
- Identify global environmental problems.

▼ 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

This field trip will be a required activity for the class. All students who participate in the trip will write a 2-page essay focusing on the natural history of a selected species, habitat, or biological community found on the Channel Islands. The essay may also highlight a particular ecological pattern or process; or a geological, paleontological, or cultural element of the islands' history. Within the essay, students will share their personal impressions of the field trip. While on the island, students will have two 1-hr periods where they will write journal entries describing their observations of marine and terrestrial environments. These observations will serve as the starting point for the essay described above, which will be completed upon returning from the trip. In contrast, students who are not able to participate on the trip will be required to complete a sizable alternative assignment (e.g., 4-page review focusing on five peer-review articles based on research conducted on the Channel Islands).

▼ 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

[von May_ira-travel-budget-form-fy19-20.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

No other sources of funding are available for the proposed activity.

8. Promoting Participation

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

Ecology & the Environment (BIOL 433) is an Upper Division, General Education course that recently became a Core Course in the Biology Program at CSUCI. The course is open to any student who has completed Organismal and Population Biology (BIOL 200). The course is also taken by students enrolled in other programs, and includes a combination of sophomores, juniors, and seniors. Most of these students have never visited the Channel Islands. This field trip will be a required activity for the class, and all students who participate in the trip will write a 2-page essay focusing on a selected topic as described in section 4 (Activity Assessment). To ensure there is sufficient enrollment, I will post flyers around Aliso Hall and other key buildings around campus, to increase interest and diversity of student participation.

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

Before the end of the Spring 2020 Semester, I will share selected essays with other students and faculty at CSUCI. These essays will be shared through the Biology Program social media sites, and will also be made available for reposting via other platforms including those associated with SRIRS. All essays will include students' personal impressions of both the field trip and their stay at SRIRS, which will increase the visibility of the station.

9. Approval and Acknowledgement

Program Chair/Director

Mozingo, Nancy

Dean

Wyels, Cynthia (Arts & Sciences)

Program Chairs and Deans may inform proposer of any staffing capacity needs or limitations (optional comments below):

Kohli, Vandana (Arts & Sciences) - Dean

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.

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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. Please note that late applications will not be reviewed by the committee.

▼ 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 Nov 3 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

Great to see Rudy jumping right in to providing students valuable learning opportunities at the SRI Research Station!

 Cynthia Wyels Nov 22 2019