

Instructionally Related Activities Funds Request Spring 2018

▼ Submitter

Submitter Name

Jason Isaacs

Submitter Email

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▼ 1. Basic Details

Activity Title

Field Research Trip to Ugalla Primate Project in Western Tanzania

Activity/Event Date

05/22/2018

Date Funding Needed By

February 2018

Previously Funded?

- No
 Yes

Additional Proposers

Academic Program(s)/Center Name(s)

Computer Science and Information Technology

Estimated total Course Fee revenue

n/a

Amount Requested from IRA

3300

Estimated Number of Students Participating

1

2. Brief Activity Description

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

Brief Activity Description

Last summer I had the opportunity to collaborate on an interdisciplinary research project with Professor Alex Piel from Liverpool John Moores University. As part of this project I traveled to Western Tanzania for three weeks during May and June of 2017. While on site at the Ugalla Primate Project research camp, I assembled, deployed, and maintained five acoustic wireless sensors and the radio equipment necessary to connect the base camp to the area of study. The point of the wireless sensors is to passively monitor wildlife activity in the area such as chimpanzees. These sensor nodes were designed, built, and programmed by my students and myself in Spring 2017. While we made significant progress in the first field deployment, while in the field we learned some areas where the sensor design needs improvement.

This proposal requests funding to send an undergraduate student and myself back to Ugalla Primate Project next summer to revise and rework the sensor network that I deployed last summer.

This experience has the potential to have a major impact on the life of the student chosen to take this trip. They will witness a land and a culture in a way that can not be experienced any other way than seeing in person.

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

I plan to offer a COMP 494 Independent Research course related to this project.
Student will learn technical skills required to deploy wireless sensor networks in the field.
Student will learn about the demands of primate field research.
Student will have the opportunity to learn first-hand about a wonderful culture in Western Tanzania.
Student will be able to interact with and work directly with Tanzania citizens.

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

I plan to ask the student to keep a multi-media journal of the experience, and write a reflective essay post trip.

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

[Ugalla_ira-travel-budget-form-ay16-17.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

n/a

▼ 8. Promoting Participation

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

CS/IT Students

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

Give lecture about trip.

9. Sustainability

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

Sustainability

n/a

10. Approval and Acknowledgement

Program Chair/Director

Soltys, Michael

Dean

Meriwether, James H

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

 Michael Soltys-Kulinicz Oct 3 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

Although the benefits to the student are clearly articulated, they do not appear to extend beyond the single student to a broader population or course. Given the focus of the project on individual student/faculty research, it may be more appropriate to consult with the Student Research Steering Council (SRSC) and/or apply for a research, scholarly, and creative activities (RSCA) grant.

 Marion Adler Oct 11 2017