Instructionally Related Activities Funds Request Fall 2017

Workflows | **Current Tasks** | **My Workflows** | **My History**

IRA Funds Request for Exploring Technology for Environment Monitoring on Santa Rosa Island

View IRA Funds Requests

Instructionally Related Activities Funds Request Summary

Project Sponsor	Andrzej Bieszczad
Activity Title	Exploring Technology for Environment Monitoring on Santa Rosa Island
Activity/Event Date	Fall 2017
Date Funding Needed By	Fall 2017
Previously Funded?	Yes
Semester/Year	Fall 2016
Proposal #	810
Report submitted for previously Funded Activity?	No
Report submitted for previously Funded Activity	—
Additional Report #1	—
Additional Report #2	—
Additional Report #3	—
Additional Proposers	—
Academic Program(s) / Center Name(s)	Computer Science
Estimated total Course Fee revenue	0
Amount Requested from IRA	3579
Estimated Number of Students Participating	15
Conditions and Considerations	Field Trip
Brief Activity Description	I received funding for installation of a wireless sensory network on ARI in Fall 2016, but due to the delays in obtaining NPS permits, we will be going to the island at the end of April 2017. Hopefully, a network will be put in place with several environment-monitoring sensors, but the time is tight and we still do not have a go-ahead. It's possible that it will stretch past the spring trip. We have all necessary components, so we will take them to the island to test, but we may need to bring them back if the permits are still not obtained.

The purpose of the visit in Fall 2017 is three-fold:
- just in case the permits are delayed past April, we may need to install the network then,
- if the network is installed in April 2017, then it will most likely need maintenance and verification; the same goes for the sensors, and
- last but certainly not least, I would like to start educating more students about the use of technology to monitor and protect environment, so that would be the main purpose of the trip. In the future, such a class would raise to a larger group. |
| Learning Outcomes and Relation to IRA to Course Offerings | Learn about the technology that can be used to monitor environment.
Learn about the benefits of using technology in that capacity.
Learn about constraints of using technology for environment monitoring; especially in protected areas.
Learn how to mine the data collected by wireless sensory networks. |
Description of Assessment Process	Participant survey on the impact of the trip on their understanding and appreciation of using advanced technology for monitoring environment.
Activity Budget	SRIRSCIRainbowtravelbudgetf17.xlsx
CIA Budget	—
CIA Proposal	—
Course Syllabus	—
CIA Certification	—
Other Sources of Funding	None.
Target Audience/Student Marketing	Open mostly to CS and IT students interested in using technology for environment monitoring.

There will be a group of preselected students who are members of the CI Rainbow research team, since they are the ones that can install and maintain the equipment. |
Bring Benefit to Campus	It's at a CI research facility on SRI.
Sustainability	It's about monitoring assisting restoration of the natural environment on the SRI.
Program Chair/Director	michael.soltys
Dean	james.meriwether
Acknowledgement	I acknowledge that I have reviewed and accepted the Conditions and Considerations herein. Please check off boxes as appropriate.

Program Chair/Director Review

Recommendation	I recommend approval of the IRA Funds Request described on this page
Name	Michael Soltys
Date/Time	3/7/2017 2:26:03 PM
Validation	myCI-signin-PT-3471
Comments	—

Dean Review

Recommendation	I recommend approval of the IRA Funds Request described on this page
Name	James Meriwether
Date/Time	3/7/2017 8:08:00 PM
Validation	myCI-signin-2B-8722
Comments	—

IRA Committee Decision

Decision	—
Comments	—

Current Tasks

Task	Time Assigned	Assigned To
IRA Committee Decision	3/7/2017 8:08:00 PM	David Daniels

Completed Tasks

Task	Time Assigned	Time Completed	Completed By
Review from james.meriwether, Dean	3/7/2017 2:26:03 PM	3/7/2017 8:08:00 PM	James Meriwether
Review from michael.soltys, Program Chair/Director	3/3/2017 11:33:27 PM	3/7/2017 2:26:03 PM	Michael Soltys
Fill out Request	3/3/2017 11:02:28 PM	3/3/2017 11:33:27 PM	Andrzej Bieszczad

Actions

- IRA Committee Decision
- View IRA Funds Request

Recommendation	I recommend approval of the IRA Funds Request described on this page
Name	James Meriwether
Date/Time	3/7/2017 8:08:00 PM
Validation	myCI-signin-2B-8722
Comments	—