Instructionally Related Activities Funds Request Fall 2016

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

IRA Funds Request for CI Rainbow: Evaluation/Maintenance/Tutoring Trip to SRIRS

View IRA Funds Requests

Instructionally Related Activities Funds Request Summary

Project Sponsor	Andrzej Bieszczad
Activity Title	CI Rainbow: Evaluation/Maintenance/Tutoring Trip to SRIRS
Activity/Event Date	Fall 2016
Date Funding Needed By	Start of the term
Previously Funded?	Yes
Semester/Year	Spring 2016
Proposal #	#731
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	$3,579.00
Estimated Number of Students Participating	15
Conditions and Considerations	Field Trip
Brief Activity Description	CI Rainbow is on ongoing project for long-term real-time environmental surveillance of Santa Rosa Island. It is composed of a surveillance network and the supporting infrastructure for data collection, analysis, and visualization. The plan is to install a demonstration version of the infrastructure during the trip in May 2016. That infrastructure will need regular maintenance and evaluation in addition to actual collection of data as well as showcasing it to interested parties such as NPS and potential researchers conducting environmental studies on the island. The stress this turn around will be on the overview of the capabilities of the infrastructure and drawing plans for future expansion. The participants are expected to be a mix of CI Rainbow researchers and researchers from disciplines that are interested in utilizing the capability to automatically collect sensory data and utilizing the CI Rainbow-built tools to view and analyze the data.
Learning Outcomes and Relation to IRA to Course Offerings	For the CI Rainbow: - evaluate the performance of the demonstration infrastructure - fix any discovered issues that require in-person presence - survey potential expansions and additions - gather experience from running the infrastructure on the island for extended period of time - gather the feedback from the "customers" (NPS, SRI researchers) For SRI researchers: - learn what CI Rainbow can provide - brainstorm application ideas (i.e., the use of the infrastructure for particular course of studies)
Description of Assessment Process	Feedback from National Park Service and the management of the Santa Rosa Island Research Station as well as potential other CI "customers" will be the primary basis for the assessment. NPS is to asses the feasibility of a larger installation in the future. Additionally, all participants will complete a survey about the value of the event measured by the perceived degree of meeting the outcomes including the quality of the tutorials.
Activity Budget	SRIRSCIRainbowtravelbudgetf16.xlsx
CIA Budget	—
CIA Proposal	—
Course Syllabus	—
CIA Certification	—

Other Sources of Funding	NONE
Target Audience/Student Marketing	Ads will be sent to researchers in programs that may benefit from learning about CI Rainbow at this moment in time. This will be expanding gradually in the future when larger installations of the infrastructure are put in place.
Bring Benefit to Campus	—
Sustainability	The surveillance network is completely sustainable through the use of solar-power. Exploratory work in CI Park confirmed the feasibility of this approach. CI Rainbow infrastructure may also provide sustainable WiFi communication to remote areas of the island.
Program Chair/Director	michael.soltys
Dean	karen.carey
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	3/2/2016 9:11:15 AM
Validation	myCI-signin-B1-6938
Comments	—

Dean Review

Recommendation	I recommend approval of the IRA Funds Request described on this page
Name	Karen Carey
Date/Time	3/2/2016 9:19:19 AM
Validation	myCI-signin-B5-3033
Comments	—

IRA Committee Decision

Decision	—
Comments	—

Current Tasks

Task	Time Assigned	Assigned To
IRA Committee Decision	3/2/2016 9:19:19 AM	David Daniels

Completed Tasks

Task	Time Assigned	Time Completed	Completed By
Review from karen.carey, Dean	3/2/2016 9:11:15 AM	3/2/2016 9:19:19 AM	Karen Carey
Review from michael.soltys, Program Chair/Director	3/1/2016 5:00:49 PM	3/2/2016 9:11:15 AM	Michael Soltys
Fill out Request	3/1/2016 4:26:51 PM	3/1/2016 5:00:49 PM	Andrzej Bieszczad

Actions

- IRA Committee Decision
- View IRA Funds Request