

Instructionally Related Activities Funds Request Fall 2016

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IRA Funds Request for Hawaiian Coastal Management (UNIV 391)

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Instructionally Related Activities Funds Request Summary

Project Sponsor	Sean Anderson
Activity Title	Hawaiian Coastal Management (UNIV391)
Activity/Event Date	September 3-8, 2016
Date Funding Needed By	May 15, 2016
Previously Funded?	No
Semester/Year	—
Proposal #	—
Report submitted for previously Funded Activity?	—
Report submitted for previously Funded Activity	—
Additional Report #1	—
Additional Report #2	—
Additional Report #3	—
Additional Proposers	—
Academic Program(s) / Center Name(s)	ESRM
Estimated total Course Fee revenue	3660.66
Amount Requested from IRA	8881.64
Estimated Number of Students Participating	12
Conditions and Considerations	Field Trip
Brief Activity Description	<p>Students from ESRM462: Coastal and Marine Management will be invited to enroll in UNIV391 to augment their traditional California-based curriculum with an intensive trip across the Big Island of Hawaii (and a stop in Honolulu) to explore many unique approaches to managing our coast which contrasts with our California experience. Building off of numerous existing contacts and relationships with farmers, business owners, fisheries managers, fishermen, park rangers, mariculture professionals, alternative energy engineers and practitioners of traditional Polynesian stewardship, we will explore a range of management challenges and responses to those challenges along the Hawaiian coast. Examples include visiting the only Ocean Thermal Energy Conversion Power Plant in the U.S., the largest nexus for deep/coldwater mariculture in the U.S., Volcano National Park's award-winning invasive species management and visitor engagement program, organic coffee plantations and apiaries, Captain Cook State Park's unique interpretation of both European colonization and indigenous Polynesian response to colonization via a park accessible only via water, management of emergent vector-borne diseases in the midst of an economy built upon rapid international travel, the only live Tuna Auction in the United States, and exploring wind power from traditional Polynesian and western stakeholder perspectives. We frequently discuss these topics in our ESRM462: Coastal and Marine Management class, but have never attempted to visit these case studies first hand as we do here in California. This five-day trip will be centered on the Big Island of Hawaii but include an early morning visit to the Honolulu Tuna Auction during a stopover on our way to the Big Island.</p> <p>In addition to engaging with resource management professionals, students will also conduct opinion polls assessing the Hawaiian public's attitudes toward coastal management issues, paralleling the surveys ESRM462 students have conducted annually in Southern California each fall for the past decade. The results of these surveys will be made available to the Hawaiian public in late Fall and be presented at a conference in November of 2016. Students will camp and be responsible for their own food to minimize the cost of this five-day experience.</p>
Learning Outcomes and Relation to IRA to Course Offerings	<p>While this trip is organized around one particular region, many of the lessons and learning outcomes bear directly on management of our own California Coast. Some of these outcomes include:</p> <ul style="list-style-type: none"> - understanding the links between environmental quality and human well-being - articulating the synergies involved in effective management of energy and food systems - explaining the changes in historic pelagic fish management as exemplified by the data-rich Eastern Atlantic Tuna Management Zone - discussing the impact of invasive species on ecosystem services - compare/contrast so-called "sustainable management" between pelagic islands and continental mainland - contrasting traditional and modern western management of marine resources - explaining different support of coastal management between California and Hawaii
Description of Assessment Process	<p>Each student will create a two to five minute video and detailed blog posting showcasing one Hawaiian management issue. These explorations will include a comparative example of a California situation and include the public impressions the management response from our Opinion Polling. These resources will be housed on our course webpage and blogs and so available for future classes and other students outside of ESRM 462/UNIV 391.</p> <p>Formal student and faculty assessments of the academic and logistic aspects of this trip will serve to inform an existing long-term proposal to conduct alternating field courses in ESRM held in Hawaii one summer and on Santa Rosa Island the next (currently proposed under an Extended Ed</p>

	model)
Activity Budget	Hawaii iratravelbudgetform2016.xlsx
CIA Budget	—
CIA Proposal	—
Course Syllabus	—
CIA Certification	—
Other Sources of Funding	Various in-kind support will be offered by local Hawaii entities. Examples include unique access to normally off limit facilities, reduced or free access to most sites, and numerous experts' time (managers, engineers, etc.). We are currently in discussion with University of Hawaii about potentially reduced or courtesy housing, access to vehicles, etc., but these discussions will not be concluded before April.
Target Audience/Student Marketing	Twelve undergraduates from ESRM462 will be encouraged to apply to UNIV 391. Enrollment in ESRM462 is open to all majors, but is typically dominated by ESRM Majors and Minors. In recent years we have had a small but consistent enrollment by Biology (11%), Communication (Environmental Communication emphasis, 8%), and Anthropology (3%) Majors. Selection would be open to all ESRM462 enrollees. Were less than 12 students interested in enrolling, we would then open enrollment to students who have previously taken ESRM462. Were more than 12 students from ESRM462 interested in applying, we would use a lottery system to select the 12 students.
Bring Benefit to Campus	Videos and blog posts from our trip. Each student will create a two to five minute video and detailed blog posting showcasing one Hawaiian management issue.
Sustainability	This course will center around the effective management of coastal ecosystems. Comparing and contrasting management of the coastal zone between different areas of the same country is helpful for promoting both better understanding and improved management of each area. Our Public Opinion polling will create an opportunity to give back to our Hawaii friends and better understand the public understanding of their coast. ESRM has always offset our transportation-related CO2 emissions, even when the CI administration has not formally endorsed such behavior. We have traditionally used TerraPass to offset our airfare and vehicle rental.
Program Chair/Director	donald.rodriquez
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	Donald Rodriguez
Date/Time	3/2/2016 5:42:39 AM
Validation	myCI-signin-SM-8169
Comments	—

Dean Review

Recommendation	I recommend approval of the IRA Funds Request described on this page
Name	Karen Carey
Date/Time	3/2/2016 7:55:08 AM
Validation	myCI-signin-3L-6914
Comments	—

IRA Committee Decision

Decision	—
Comments	—

Current Tasks

Task	Time Assigned	Assigned To
IRA Committee Decision	3/2/2016 7:55:08 AM	David Daniels

Completed Tasks

Task	Time Assigned	Time Completed	Completed By
Review from karen.carey, Dean	3/2/2016 5:42:39 AM	3/2/2016 7:55:08 AM	Karen Carey
Review from donald.rodriquez, Program Chair/Director	3/1/2016 10:40:15 PM	3/2/2016 5:42:39 AM	Donald Rodriguez
Fill out Request	3/1/2016 10:29:11 PM	3/1/2016 10:40:15 PM	Sean Anderson

Actions

- [IRA Committee Decision](#)
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