

Instructionally Related Activities Funds Request Spring 2017

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IRA Funds Request for Human Dynamics and Political Ecology at Carrizo Plains National Monument

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Instructionally Related Activities Funds Request Summary

Project Sponsor	Jaime Matera
Activity Title	Human Dynamics and Political Ecology at Carrizo Plains National Monument
Activity/Event Date	April 1-3, 2017
Date Funding Needed By	March 1, 2017
Previously Funded?	Yes
Semester/Year	Spring 2016
Proposal #	737
Report submitted for previously Funded Activity?	Yes
Report submitted for previously Funded Activity	IRAPosttripReportMateraSpring2016CPNM.pdf
Additional Report #1	—
Additional Report #2	—
Additional Report #3	—
Additional Proposers	—
Academic Program(s) / Center Name(s)	Anthropology
Estimated total Course Fee revenue	n/a
Amount Requested from IRA	\$3,576
Estimated Number of Students Participating	35
Conditions and Considerations	Field Trip
Brief Activity Description	<p>This activity involves a field trip to Carrizo Plain National Monument (CPNM), located approximately 150 miles northwest of CI, in southeastern San Luis Obispo County, and protecting approximately 250,000 acres track of land through Presidential Proclamation in 2001. The area within the CPNM contains several unique habitats that are home to sensitive and endangered plant and animal species, and includes Painted Rock, the largest pictograph site in California, a sandstone rock formation approximately 250 long and 45 feet tall decorated with pictographs from Chumash, Salinan and Yokuts peoples who first inhabited the area. In addition to its ecological and historical importance, the conservation of this land was possible through a joint effort between governmental (Bureau of Land Management; California Department of Fish and Game) and non-governmental organizations (i.e., The Nature Conservancy), and renewable and non renewable energy projects (i.e., solar and oil) are located in lands adjacent to CPNM.</p> <p>The combination of ecological, political, and social circumstances behind the creation of the CPNM create a unique case study through which students learn first-hand how about several human-ecological themes covered in class. Some of these themes include: the links between conservation, nature, and culture; land-use change; social-ecological systems; people and environmental change. This activity also fulfills the course learning outcomes by examining how communities (past and present) adapted to life there, addressing the effects of ecological fluctuations (climate variability) on human populations, and exploring management and conservation programs that are in place.</p> <p>This field trip spans multiple academic programs, particularly Anthropology and ESRM. However, students from programs such as Biology, History, and Geology may also benefit as the focus of this trip is the nexus between ecological processes, geological formations (e.g., San Andreas Fault), and historical and present day usage of CPNM.</p>
Learning Outcomes and Relation to IRA to Course Offerings	<p>ANTH/ESRM 332 has the following three learning outcomes:</p> <ol style="list-style-type: none"> 1. Describe different models for human adaptations to the environment through time. 2. Evaluate the impact of humans upon the environment caused by different subsistence strategies. 3. Demonstrate effective knowledge of ecology as it relates to human and environmental interaction. <p>This activity fulfills all learning outcomes by examining:</p> <ol style="list-style-type: none"> 1. How indigenous communities who inhabited the area adapted to the available resources. 2. It addresses the effects of ecological changes (climate variability) on human habitation. 3. Changes in subsistence strategies from pre-historical times (i.e., indigenous hunter-gatherers) to modern times (e.g., agriculture, ranching, energy development, etc.) 4. The feedback loops between human communities and ecological systems, including different uses of the area and, more recently, conservation efforts.
Description of Assessment Process	Students are required to submit a "field report" associated to this activity. This report should include their understanding of the uniqueness of the area (historical, ecological, social, political), a personal reflection of the human-ecological interaction found there (e.g., resource use, policy, etc.), and policy suggestions. They are expected to find additional examples of locations where such human-ecological interaction is found, which will be

	incorporated into their report and discussed in class. This activity will be the basis for in-depth class discussion on topic such as subsistence strategies, public policy on cultural and environmental resource management. In essence, it will allow students to understand the practical component of the theory discussed prior to and after the activity.
Activity Budget	IRAProposalANTH332Spring2017Budget.xlsx
CIA Budget	---
CIA Proposal	---
Course Syllabus	---
CIA Certification	---
Other Sources of Funding	No other sources of funding.
Target Audience/Student Marketing	This course is cross-listed between Anthropology and ESRM. While its primary target audience are students within those two programs, the nature of this course (human-ecological interaction) has broader impacts, and it is expected to bring in students from other programs, such as History, Biology, and Political Science. The course is currently marketed through the Anthropology and ESRM course offerings and using the new information screens in Sierra Hall. This class is taught each semester and has consistently been full. Fliers will be placed in bulletin boards through campus and faculty at various departments asked to distribute information to their students.
Bring Benefit to Campus	Students who participate in off-campus trips, such as this proposed trip to Carrizo Plain National Monument, bring back a broader experience which enriches not only class discussions, but also permeates throughout the CI community in the form of promoting sustainability, understanding the importance of area history, and understanding the needs of policy for proper social and ecological conservation. In addition, it is very common to have students in class who have participated in similar activities contributing actively in class, effectively teaching peers about human ecological interaction through their own experiences. In
Sustainability	This trip addresses human utilization of natural resources, such as the production of renewable and non-renewable energy, the conservation and restoration of fragile ecosystems, and conservation of historical buildings. Our campus strives to be "green" and embraces its history; students will better appreciate the focus placed on these components of our university, understanding the importance of our local ecology and historical background.
Program Chair/Director	dennis.downey
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	Dennis Downey
Date/Time	10/4/2016 6:34:29 AM
Validation	myCI-signin-WW-9195
Comments	---

Dean Review

Recommendation	I recommend approval of the IRA Funds Request described on this page
Name	James Meriwether
Date/Time	10/5/2016 10:01:34 AM
Validation	myCI-signin-JD-0323
Comments	---

IRA Committee Decision

Decision	---
Comments	---

Current Tasks

Task	Time Assigned	Assigned To
IRA Committee Decision	10/5/2016 10:01:34 AM	David Daniels

Completed Tasks

Task	Time Assigned	Time Completed	Completed By
Review from james.meriwether, Dean	10/4/2016 6:34:30 AM	10/5/2016 10:01:34 AM	James Meriwether
Review from dennis.downey, Program Chair/Director	10/3/2016 8:47:10 PM	10/4/2016 6:34:29 AM	Dennis Downey
Fill out Request	10/3/2016 7:12:42 PM	10/3/2016 8:47:10 PM	Jaime Matera

Actions

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