



Instructionally Related Activities Funds Request Spring 2015

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IRA Funds Request for ANTH 345 Field Trip to Santa Cruz Island

Instructionally Related Activities Funds Request Summary

Project Sponsor	Rachel Olsthoorn
Activity Title	ANTH 345 Field Trip to Santa Cruz Island
Activity/Event Date	Field Trip/March 7, 2015
Date Funding Needed By	February 1, 2015
Previously Funded?	Yes
Semester/Year	Spring 2015
Proposal #	—
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)	Anthropology
Estimated total Course Fee revenue	0
Amount Requested from IRA	1888.00
Estimated Number of Students Participating	30
Conditions and Considerations	Field Trip
Brief Activity Description	Human Evolution and Diversity (ANTH 345) focuses on human and non-human primate adaptations to environmental conditions including aspects of ecology, evolutionary theory, natural selection, disease, diet and genetics ranging from 5 million years ago to present. In the course, students learn evolutionary processes and how these forces shape behavior and morphology in past and present populations. Participation in this field trip will provide an integrated approach to learning evolutionary theory in regards to island populations. Within our human lineage, Homo floresiensis was isolated on the Island of Flores in Indonesia while other hominin species resided in Africa, Europe and Asia. This one-day trip to Santa Cruz Island will help students better understand Foster's Rule and variation associated with an isolated environment. The students and I will travel to eastern Santa Cruz

	Island where I will lead a hike. Throughout the day, we will examine local geography, botany and wildlife; discuss relevant readings; and apply evolutionary processes to compare aspects of natural selection and adaptation of isolated and non-isolated environments pertaining to our human lineage. This field trip will illustrate the adaptations needed to survive in an island environment as well as provide a visual comparative reference between adaptations of mainland and island populations. The ultimate goal of the trip is for students to take this knowledge and apply it to human and non-human species studied throughout the course to better understand the effects that the environment has on behavior and morphology. This field trip provides an excellent opportunity for students to be physically immersed into an environmental setting that helped shape human behavior and morphology. Additionally, field trips are a great way to promote social interactions between students which will improve later in-class discussions.
Learning Outcomes and Relation to IRA to Course Offerings	The class related to this activity is ANTH 345 (Human Evolution and Diversity). The field trip will provide a visual and interactive approach to learning evolutionary theory of island populations and provide a better understanding and comparison of evolutionary processes in isolated and non-isolated environments. Students will be required to fill out a worksheet on the island regarding the interaction of adaptation and the environment as well describing Foster's Rule through examples observed and discussed on Santa Cruz Island. The discussion and worksheet will be used as part of critical thinking exercises on exams and as part of the phylogeny project that each student has to complete during this course. This experience will help students relate tangible examples to other evolutionary concepts and species of our lineage.
Description of Assessment Process	Assessment of activity will be based on discussions both during the field trip and in-class, evaluation of phylogeny project components pertaining to the trip and relevant exam questions.
Activity Budget	ANTH_345_Spring15_FieldTrip_SantaCruz.xlsx
CIA Budget	—
CIA Proposal	—
Course Syllabus	—
CIA Certification	—
Other Sources of Funding	Students are expected to provide their own lunches and to cover their own vehicle transportation to and from Ventura Harbor.
Target Audience/Student Marketing	This field trip is intended for students enrolled in ANTH 345. The trip will be written on the syllabus, announced on the first day of class and posted on blackboard.
Bring Benefit to Campus	Although this trip is intended for ANTH 345 students, positive outcomes are expected not only on an educational level but on a personal level. First, it should be noted that ANTH 345 is an UDIGE course. With that, students from all different departments partake in this course and therefore will spread the word to other students. Additionally, field trips increase student social interaction and thus they interact more frequently in CSUCI community events. On a personal level, the Channel Islands provide an experience of a life time for students who do not often have the opportunity to travel. This trip not only provides an interactive learning environment but also educated students about our local resources and will increase interest and appreciation of the islands.
Sustainability	—
Program Chair/Director	dennis.downey
Academic Affairs AVP	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 Approval

Approval	—
Name	—
Date/Time	—
Validation	—

Academic Affairs AVP Approval

Approval	—
Name	—
Date/Time	—
Validation	—

