



## Instructionally Related Activities Funds Request Fall 2015

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### IRA Funds Request for Biol 310 - Vertebrate Zoology - Weekend trip to Santa Rosa Island Station

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#### Instructionally Related Activities Funds Request Summary

<b>Project Sponsor</b>	Steven Norris
<b>Activity Title</b>	Biol 310 - Vertebrate Zoology - Weekend trip to Santa Rosa Island Station
<b>Activity/Event Date</b>	Fall 2015 - exact weekend to be determined
<b>Date Funding Needed By</b>	Fall 2015
<b>Previously Funded?</b>	No
<b>Semester/Year</b>	—
<b>Proposal #</b>	—
<b>Report submitted for previously Funded Activity?</b>	—
<b>Report submitted for previously Funded Activity</b>	—
<b>Additional Report #1</b>	—
<b>Additional Report #2</b>	—
<b>Additional Report #3</b>	—
<b>Additional Proposers</b>	—
<b>Academic Program(s) / Center Name(s)</b>	Biology Program
<b>Estimated total Course Fee revenue</b>	960
<b>Amount Requested from IRA</b>	4300
<b>Estimated Number of Students Participating</b>	24
<b>Conditions and Considerations</b>	Field Trip
<b>Brief Activity Description</b>	<p>The proposed activity is a weekend trip to the Santa Rosa Island Research Station for the Biol 310 - Vertebrate Zoology class for the Fall 2015 semester.</p> <p>Vertebrates encompass fishes, amphibians, reptiles, birds and mammals. This trip will allow the students to be immersed in island biology and perform field surveys on native island vertebrates. Student activities will include surveying shore line fishes and documenting freshwater habitats for amphibians and possible historical use by fishes, examining island birds and their habitats, and performing reptile population surveys. Dr. Rachel Cartwright is planning to accompany us on this trip as guest instructor. She will lead an activity on marine mammals. Vertebrates will be at the core of the trip, but as opportunities arise we will actively engage the students in broader aspects of island biology, including invertebrate and plant diversity, island conservation/restoration and ecology. The night sky on Santa Rosa Island is viewed unencumbered by continental light pollution. If the sky is clear, we will make a survey/appreciation of the night sky as our ancestors saw it.</p> <p>The trip replace several of the weekly labs normally run on campus.</p>
<b>Learning Outcomes and Relation to IRA to Course Offerings</b>	<p>The Class is Biol 310, Vertebrate Zoology.</p> <p>This activity will allow the students to view vertebrates (and other animals) as integral parts of their broader community, in this case Santa Rosa Island and surrounding waters.</p> <p>We will practice identification of vertebrate animals encountered, observe their role in the ecology of the island and explore, from evolutionary and ecological perspectives, how their biology meshes with the challenges of island living.</p>
<b>Description of Assessment Process</b>	<p>The island activities will be divided into a series of manageable subdivisions, each assigned to a group of 4-5 students. These division will include: shore fishes, marine mammals, terrestrial mammals, reptiles, freshwater habitats and amphibians, island birds and shore birds. Before the trip, each group will prepare a list of references on their topic and where applicable a list of creatures likely to be encountered. Each group will assist the instructor in guiding the field exploration of their topic.</p>

	All students will keep a journal or field notebook of their activities and observations on this trip. Field activities will be planned around accessible vertebrate animals. Flexibility will be necessary, as field work can be unpredictable and this will be the first time I have taken this class (or any class) to Santa Rosa Island. Activities will partly depend on what habitats are accessible and what creatures are present during our visit. The journal allows the needed flexibility in assessment. A written report and group presentations (after the trip) will form the primary assessment.
Activity Budget	<a href="#">travelbudgetwithvalues.xlsx</a>
CIA Budget	—
CIA Proposal	—
Course Syllabus	—
CIA Certification	—
Other Sources of Funding	There are no expected sources of funding, other than lab fees (\$40 per student).
Target Audience/Student Marketing	The intended audience is students registered in Biol 310. The class has an enrollment of 24 (plus one instructor and 1 guest instructor). If any of the Biol 310 students can't make the trip, I anticipate offering unused spaces to Biol majors in other classes, or another guest instructor.
Bring Benefit to Campus	Biologist students get great benefit from seeing biology in the field. This activity will sharpen their developing skills as biologists. We will get to visit the Santa Rosa Island Research Station and add to the catalog of activities it supports. Returning students will share their experiences and raise the profile of the station.
Sustainability	All my classes and nearly all my lessons contain content on conservation, including sustainability. A visit to the island will allow me to focus their attention on on-going restoration/recovery/conservation efforts involving island habitats. A few days on the island living a little rough, I hope, will cause them to reflect on the resources they consume in the course of their daily lives.
Program Chair/Director	amy.denton
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	I approve the IRA Funds Request described on this page
Name	Amy Denton
Date/Time	3/2/2015 2:42:38 PM
Validation	myCI-signin-04-3103

Academic Affairs AVP Approval

Approval	I approve the IRA Funds Request described on this page
Name	Karen Carey
Date/Time	3/2/2015 2:52:07 PM
Validation	myCI-signin-D0-0588