

## ***Instructionally Related Activities Report Form***

SPONSOR: Don Rodriguez

PROGRAM/DEPARTMENT: ESRM

ACTIVITY TITLE: Principals of Resource Management Trip to SRI

DATE (S) OF ACTIVITY: Please enter date(s) 3/24/17-3/26/17

Please submit via email to the IRA Coordinator along with any supporting documentation at [david.daniels@csuci.edu](mailto:david.daniels@csuci.edu) within 30 days after the activity. Thank you for your commitment to engaging our students!

### **A. ADDRESS THE FOLLOWING QUESTIONS:**

1) PROVIDE A DESCRIPTION OF THE ACTIVITY;

**Students enrolled in ESRM 200: Principals of Resource Management, participated in a 3-day (2 night) trip to Santa Rosa island (28 students total benefited from this IRA grant). While on the island, students participated in an ongoing undergraduate research project where they documented and collected ocean debris on the island. Students also were involved with ongoing monitoring and research in the sandy beach and intertidal communities and contributed to increasing their understanding of these frequently undervalued ecosystems**

2) HOW DID THE ACTIVITY RELATE TO A COURSE(S) AND/OR LEARNING OBJECTIVES?

**The Island provides a unique living learning field experience for students in ESRM. Here they can investigate many of the concepts covered during the semester, the use of field survey equipment, and techniques important to field investigation. The Island provides first hand observation of many of the topics covered in class, ecosystem restoration, wildlife management, endangered species conservation, parks and protected areas management, forestry, rangeland management, and watershed science.**

(3) WHAT DO YOU SEE AS THE STRENGTHS OF THE ACTIVITY?

**The Island provides unique opportunities for experiential education (learning by doing). Particularly applicable to this course are unique settings that reveal the importance of cultural resource management and indigenous relationships with the land which are informing modern land use practice today more than ever before. The ability to see the result of various management approaches on this island (indigenous use, ranching culture, and present day protection and**

**conservation as a National Park is a powerful tool for teaching resource management principals.**

(4) WHAT WOULD YOU SAY ARE/WERE THE ACTIVITY'S WEAKNESSES?

**Scheduling is constrained by availability and timing of Island Packers transportation to the island. More frequent service would benefit participants. On island travel is limited to walking distances to sites. As a result, more distant sites are not explored or the entire windward side of the island.**

(5) HOW WOULD YOU IMPROVE THIS ACTIVITY FOR NEXT TIME?

**I will coordinate with Robyn Shea and other more senior Capstone students in future trips to facilitate peer to peer exchanges and learning from one another this next spring. This will expand the student's exposure to additional monitoring efforts and provide unique insights into the capstone experience for sophomore level students. Getting them interested in starting or continuing research efforts of others.**

(6) WHAT DID YOU LEARN FROM THE PROCESS?

**The incredible power of experiential learning to bring course content into clear focus for students. Peer learning is also evident as more experienced students have an opportunity to educate their classmates and this seems to re-emphasize concepts covered during the semester.**

(7) WHAT ARE STUDENT RESPONSES TO THE ACTIVITY? ATTACH STUDENT EVALUATIONS OR ASSESSMENTS (IN ACCORDANCE WITH FERPA RESTRICTIONS YOU MUST REMOVE ALL PERSONALLY IDENTIFIABLE STUDENT INFORMATION)

**"THIS WAS THE MOST AMAZING CLASS EXPERIENCE I'VE EVER HAD. THE OPPORTUNITY TO INTERACT WITH MY CLASSMATES IN THE MAJOR WAS TRULY A BONDING EXPERIENCE.**

**I CAME AWAY FROM THIS WITH NEW FRIENDS AND RELATIONSHIPS WITH MY CLASSMATES. THE POWER OF THE ISLAND TO FACILITATE STUDENT/CLASS INTERACTIONS WAS INCREDIBLE.**

**THE ECOSYSTEM HERE IS UNIQUE AND I FEEL FORTUNATE TO HAVE THIS EXPERIENCE. IT HAS BEEN THE MOST DRAMATIC LEARNING EXPERIENCE I'VE HAD AT SCHOOL."**

8) GIVE A SUMMARY OF EXPENSES FOR THE ACTIVITY.

**IRA grant and student lab fees covered all costs associated with this trip.**

**ESRM 200 Spring 2017**  
**Santa Rosa Island Itinerary**

**Friday March 24**

8:00 – 10:30am      Island Packer Boat Departs Ventura Harbor, Travel to Santa Rosa Island

10:30 am – 11:00am      Arrive Santa Rosa Island and settle in at bunkhouse

11:00 am – 12:30pm      Lunch

12:30 – 1:30pm      Tour Vail Ranch and discuss Island History – Michaela Miller

1:30 – 4:00pm      Cherry Canyon Hike and Island Ecological History – Michaela Miller

5:30 – 6:30pm      Dinner

7:00 – 8:30pm      West of the West

10:00pm      Lights out

**Saturday March 25**

7:30 – 8:30am      Breakfast

8:30 – 9:30am      Clean up prepare lunches

10:00 – 4:00pm      Hike to Skunk Point (rocky intertidal talk, Torrey Pines, marine debris talk, lunch in the field) - Michaela Miller. Return on your own to station.

5:30 – 6:30pm      Dinner

7:00 – 8:30pm      West of the West Part II

10:00pm      Lights out

**Sunday March 26**

7:30 – 8:30am      Breakfast

8:30 – 9:00am      Breakfast clean up prepare lunches

9:00 – 9:30am      Station clean up and pack

10:00 - 2:00pm      Free time

2:00 – 2:30pm      Reassemble for departure

3:00 - 5:30pm      Boat departs and travels to Ventura Harbor

5:30-6:00 pm      Arrive Ventura Harbor