



Instructionally Related Activities Report Form

SPONSOR: CLARE WORMALD STEELE

DEPARTMENT: ESRM

ACTIVITY TITLE: CONSERVATION BIOLOGY FIELD TRIP TO SRI

DATE (S) OF ACTIVITY: APRIL 17TH-19TH, 2015

Please submit via email to the IRA Coordinator along with any supporting documentation at 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;
 - (2) HOW DID THE ACTIVITY RELATE TO A COURSE(S) AND/OR LEARNING OBJECTIVES?
 - (3) WHAT DO YOU SEE AS THE STRENGTHS OF THE ACTIVITY?
 - (4) WHAT WOULD YOU SAY ARE/WERE THE ACTIVITY'S WEAKNESSES?
 - (5) HOW WOULD YOU IMPROVE THIS ACTIVITY FOR NEXT TIME?
 - (6) WHAT DID YOU LEARN FROM THE PROCESS?
 - (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)
 - 8) GIVE A SUMMARY OF EXPENSES FOR THE ACTIVITY.
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B. ATTENDEE LIST- SUPPORTING DOCUMENT:

In addition to the report form, *in a separate document*, attach to your email a list of attendees complete with each student major and grade level. This for IRA Committee reference only and will not be published on the IRA website. Include your name and the title of your IRA activity on the document.

C. IMAGES FROM ACTIVITY:

Finally, attach to your email up to 6 images demonstrating student participation (under 2 MB total) with captions/titles. Please attach these photos in .JPEG format directly to email. Thank you!

(1) PROVIDE A DESCRIPTION OF THE ACTIVITY:

STUDENTS ENROLLED IN CONSERVATION BIOLOGY (BIO/ESRM 313) PARTICIPATED IN A 3 DAY, 2 NIGHT VISIT TO SANTA ROSA ISLAND UNDERGRADUATE RESEARCH STATION. STUDENTS PARTICIPATED IN ONGOING MONITORING AND RESEARCH INTO SANDY BEACHES AND INTERTIDAL COMMUNITIES THAT CONTRIBUTED TO INCREASING OUR UNDERSTANDING OF THIS FREQUENTLY UNDERVALUED ECOSYSTEM. THE VISIT TO THE ISLAND PROVIDED MANY OPPORTUNITIES FOR LEARNING AND DISCUSSION OF CONSERVATION AND ECOLOGICAL PRINCIPLES

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

SANTA ROSA ISLAND PROVIDES AN AMAZING LIVING CLASSROOM TO EXPLORE MANY OF THE PRINCIPLES OF CONSERVATION BIOLOGY. THE ISLAND PROVIDES UNPARALLED ILLUSTRATIONS OF MANY OF THE TOPICS THAT WE LEARNED ABOUT THROUGHOUT THE SEMESTER, AND STUDENT UNDERSTANDING OF THE MATERIAL WAS GREATLY ENHANCED BY SEEING THESE PRINCIPLES 'IN ACTION'. DISCUSSIONS AND FIELD EXERCISES THAT CONDUCTED DURING OUR VISIT TO THE RESEARCH STATION ALIGNED WITH MANY OF OUR EXISTING CLASS MODULES, INCLUDING THE FOLLOWING: BIODIVERSITY; LANDSCAPE ECOLOGY; ISLAND BIOGEOGRAPHY; INVASIVE SPECIES; PROTECTED AREAS AND MPAS; MONITORING AND MITIGATION; SPECIES AND ECOSYSTEM MANAGEMENT.

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

THE ISLAND VISIT PROVIDED INCREDIBLE OPPORTUNITIES FOR EXPERIENTIAL LEARNING. PARTICULARLY APPLICABLE TO THIS COURSE IS THE ANCIENT AND MODERN LAND-USE IMPACTS AND CONSERVATION HISTORY OF THE CHUMASH, RANCHING AND NPS PERIODS.

(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 BY WALKING DISTANCE TO SITES, THUS OPPORTUNITY TO EXPLORE MORE DISTANT SITES IS LIMITED.

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

I PLAN TO COORDINATE ADDITIONAL RESEARCH ACTIVITIES WITH DR. HANNA TO CONTRIBUTE TO MONITORING OF ADDITIONAL ISLAND ECOSYSTEMS.

(6) WHAT DID YOU LEARN FROM THE PROCESS?

IMMERSION IN THIS LEARNING ENVIRONMENT ENCOURAGES STUDENTS TO MAKE CONNECTIONS BETWEEN CONSERVATION TOPICS DISCUSSED IN THE CLASSROOM AND TO UNDERSTAND REAL-



WORLD IMPLICATIONS FOR CONSERVATION AND MANAGEMENT IN CALIFORNIA ISLAND ECOSYSTEMS.

(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)

“I KNOW THAT EVERY TIME I COME TO THE ISLAND THERE IS SOMETHING NEW TO LEARN, SOME NEW CONNECTION TO BE MADE. THE BEST PART OF THIS STATION, ASIDE FROM THE LOCATION IS THE PEOPLE YOU MEET AND LEARN FROM AND TALK TO. WE MET WITH SOME ANTHROPOLOGY FOLKS FROM SDSU. IT IS EXTREMELY INTERESTING TO APPLY ARCHAEOLOGICAL FINDINGS, ESPECIALLY INFO ON HOW ANCIENT CULTURES INTERACT WITH THEIR ENVIRONMENT TO PRESENT-DAY MANAGEMENT DECISIONS. THE IMPORTANCE OF INCLUDING HOMO SAPIENS IN THE ECOLOGICAL TAPESTRY OF THE PAST CANNOT BE OVERSTATED. EVERYTHING IS CONNECTED.”

“VERY AMAZING TRIP. I CANT WAIT TO COME BACK AND HELP OUT FELLOW STUDENTS WITH CAPSTONE PROJECTS OUT HERE. I’M A BIO MAJOR AND THIS WAS A TRIP OF A LIFETIME WITH ESRM AND I RECOMMEND THIS TRIP TO ANY MAJOR, AS LONG AS THEY APPRECIATE IT TO THE FULLEST AND UNDERSTAND HUMAN IMPACT. I THANK COS [CAUSE HANNA], NPS, AND PROFESSOR CLARE [STEELE] FOR THIS AMAZING OPPORTUNITY.”

“GREAT TRIP. IT WAS AMAZING GETTING CLOSER TO MY CLASSMATES AND LEARNING ABOUT THE ISLAND. THE SIGHTS WERE AMAZING AND THE WEATHER WAS GREAT. THE WIND WAS RIDICULOUSLY BAD, I COULD NOT BELIEVE HOW WINDY IT GETS.”

8) GIVE A SUMMARY OF EXPENSES FOR THE ACTIVITY.

GRANT PROVIDED TRANSPORTATION EXPENSES TO SANTA ROSA ISLAND FOR 24 STUDENTS & 1 FACULTY.

B. ON SEPARATE DOCUMENT, PLEASE ATTACH ATTENDEE LIST (PERSONALLY IDENTIFIABLE INFO REMOVED)

SEE ATTACHED

C. PLEASE INCLUDE UP TO 6 IMAGES AS ATTACHMENTS TO YOUR EMAIL SUBMISSION

SEE ATTACHED



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