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# Application Summary

## Competition Details

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**Competition Title:** Funding Opportunity: IRA Applications for 2021-2022

**Category:**

**Award Cycle:**

**Submission Deadline:** 11/12/2021 11:59 PM

## Application Information

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**Submitted By:** Allison Alvarado

**Application ID:** 1274

**Application Title:** Ornithology Trip to Santa Rosa Island

**Date Submitted:** 11/12/2021 3:59 PM

## Personal Details

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**Applicant First Name:** Allison

**Applicant Last Name:** Alvarado

**Applicant Department:** Biology

**Email Address:** allison.alvarado@csuci.edu

**Phone Number:** (661) 904-2414

**Additional Applicant Name:**

**Additional Applicant Email:**

**Additional Applicant Department:**

## Application Details

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### Proposal Title

Ornithology Trip to Santa Rosa Island

### Total Amount Request from IRA

5,050

### Brief Activity Description

This trip to Santa Rosa Island will provide hands-on, experiential learning for the Spring 2022 Ornithology course (Biol 451). In this course, we cover the theory of island biogeography and avian island endemics (both at the species and subspecies levels). Physically going and visiting the islands will be integral for students to gain first-hand experience and apply concepts previously discussed in the classroom. Students will encounter the variety of avifauna from various habitats across the island, from pelagic to intertidal to high elevation. This will expose students to multiple avian communities within a single weekend, which is difficult to achieve on the mainland. Activities: Earlier in the semester, prior to leaving for the island, students will be divided into groups and assigned a habitat type. While on the island, in order to gain practical field experience, students will perform surveys of birds in their designated habitat to enter into their field journals, which is an activity that occurs throughout the semester. Students will also write reflective essays while on the island.

### **Activity or Event Date**

03/1/2022

### **List all classes that relate to proposal**

Biology 451

### **Learning Outcomes & Relation to Course Offering**

This activity will support the learning outcomes of Ornithology (Biol 451), including the following:

- Understand the evolutionary relationships among bird taxa and the historical processes that generated local patterns of biodiversity (such as island endemics).
- Describe taxon-specific distribution patterns of birds in relation to geography (island vs. mainland).
- Identify adaptive characteristics of birds that reflect natural selection to various habitats (this will vary across the island habitats).
- Interpret & present results from primary literature or empirical research (point count surveys on the island).
- Evaluate conservation issues related to birds (island populations are typically of high conservation concern due to small population size and enhanced vulnerability to non-native species).

### **Is this activity off campus ?**

Yes

### **Off Campus - Describe benefit brought back to campus**

With minimal prerequisites, Ornithology is open to any student who has completed introductory-level biology (Biol 200 and 201). Biol 451 is typically comprised of a mix of sophomores through seniors, including students who are not Biology majors.

Ornithology students going out to the island will share their experience with other students and faculty at the university. This, along with social media posts to the biology webpage, will increase the visibility of the research station and the opportunities associated with it. This activity also helps form scientific collaborations between CSUCI and the National Park Service, who is enthusiastic about having our faculty and students conduct avian surveys.

Through exposure to the biological diversity of the Channel Islands, students will build a greater appreciation for our natural resources and better understand the stewardship required to protect them.

**CSUCI - IRA Travel Activity Budget**

**2020 - 2021**

Proposal/Activity Title: Ornithology Trip to SRIRS

IRA Applicant's Name:

**Allison Alvarado**

Number of Students Participating: **26**

Where- Location

**Santa Rosa Island Research Station**

Number of Faculty: **2**

When - Month/Year

**spring semester 2022 (any time March -May 2022)**

**IRA Planning Travel Budget 2020-2021**

I.	Student traveling expenses:	Cost/ea	# Requested	Total	Comments/Additional Notes
	Airfare	\$0.00		\$0.00	
	Cal Travel Store fee per Ticked	\$10.00		\$10.00	(\$10/ticket automatically added when using Cal Travel Store)
	Ground Transportation	\$0.00		\$0.00	
	Boat Transportation	\$110.00	28	\$3,080.00	Boat trips via Island Packers: CI rates = \$54/person to Santa Cruz Island, \$110/person for overnights to Santa Rosa Island (SRI), \$77/person for SRI day trips
	Lodging	\$45.00	28	\$1,260.00	station fee?
	Registration Fees			\$0.00	
	Entrance Fees	\$0.00		\$0.00	
	Meals (included)	\$25.00	28	\$700.00	if traveling to SRI, please note a \$15 per person/per day fee (i.e. budget \$45/person for 3-day trips)
	Cultural Activities	\$0.00		\$0.00	
	Vehicle/Van Rental			\$0.00	
	Other:			\$0.00	
	<b>STUDENT TRAVEL TOTALS</b>	<b>\$190.00</b>		<b>\$5,050.00</b>	
II.	Faculty Traveling Expenses:	Cost/ea	# Requested	Total	Comments/Additional Notes
	Airfare	\$0.00		\$0.00	
	Cal Travel Store fee per Ticked	\$10.00		\$0.00	(\$10/ticket automatically added when using Cal Travel Store)
	Ground Transportation	\$0.00		\$0.00	
	Lodging	\$0.00		\$0.00	
	Registration Fees			\$0.00	
	Entrance Fees			\$0.00	
	Meals (included)	\$0.00		\$0.00	
	Cultural Activities	\$0.00		\$0.00	
	Other:			\$0.00	
	<b>FACULTY TRAVEL TOTALS</b>	<b>\$10.00</b>		<b>\$0.00</b>	
III.	Operating Expense Budget	Cost/ea	# Requested	Total	Comments/Additional Notes
	Supplies			\$0.00	
	CI Facilities Chargebacks			\$0.00	[charges for large campus rooms: 1) Grand Salon \$395/day; 2) Petit Salon \$265/day; 3) Malibu #100 \$265/day]
	Other:			\$0.00	
	<b>OPERATING EXP. TOTALS</b>	<b>\$0.00</b>		<b>\$0.00</b>	
IV.	Out of Pocket Student Expenses	Cost/ea	# Requested	Total	Comments/Additional Notes
	Health Insurance			\$0.00	
	Tuition/Registration			\$0.00	
	Travel Insurance			\$0.00	
	Out of Pocket Meals			\$0.00	
	Other:			\$0.00	
	<b>STUDENT EXP. TOTALS</b>	<b>\$0.00</b>		<b>\$0.00</b>	
<b>V. Please note that Line "B" below is for UNIV 391 and 392 trips ONLY; IRA funds 2/3rds of these, course/lab fees funds the other 1/3rd.</b>					
<b>A</b>	Total Fundable Student Traveling Expenses			\$5,050.00	
<b>B</b>	UNIV 391/392: Max IRA funding is 2/3rd of total			\$3,383.50	
<b>C</b>	Total Faculty Travel Expenses			\$0.00	
<b>D</b>	Operating Expenses			\$0.00	
	<b>TOTAL TRIP COST for Non-UNIV 391/392 (total of A,C,D)</b>			<b>\$5,050.00</b>	
	<b>UNIV 391/392 TOTAL IRA FUND REQUEST (total of B,C,D)</b>			<b>\$3,383.50</b>	
	UNIV 391/392: 1/3 of costs payable by students via lab fee			\$1,666.50	
	If course fee is setup differently, list here				

IRA Travel Activity Budget

2020 - 2021

**SAMPLE**

Proposal/Activity Title:

UNIV 392 Intercultural Communication

IRA Applicant Name:

Joe Smith

Number of Students Participating:	15	Where	London
Number of Faculty:	2	When - Month/Year	Dec-20

IRA Planning Travel Budget 2020-2021

I.	Student traveling expenses:	Cost/ea	# Requested	Total	Comments/Additional Notes
	Airfare	\$1,200.00	15	\$18,000.00	
	Cal Travel Store fee per Ticked	\$10.00	15	\$150.00	(\$10/ticket automatically added when using Cal Travel Store)
	Ground Transportation	\$170.00	15	\$2,550.00	12-Day Travel Card for Zones 1-6 (\$75), Train to and from Brighton, England
	Boat Transportation			\$0.00	Boat trips via Island Packers: CI rates = \$54/person to Santa Cruz Island, \$110/person for overnights to Santa Rosa Island (SRI), \$77/person for SRI day trips
	Lodging	\$799.00	15	\$11,985.00	This is the same hotel we've stayed at the last 2 times I've led this course; located in Borough Market w/ free Wifi & hot breakfast for buffet students; triple occupancy; close proximity to public transportation
	Registration Fees			\$0.00	
	Entrance Fees	\$350.00	15	\$5,250.00	Special tour guide and entry for Westminster Abbey
	Meals (included)	\$50.00	15	\$750.00	if traveling to SRI, please note a \$15 per person/per day fee (i.e. budget \$45/person for 3-day trips)
	Cultural Activities	\$177.00	15	\$2,655.00	Westminster Abbey (\$25), Buckingham Palace (\$25), London Eye (\$37), Towe
	Vehicle/Van Rental			\$0.00	
	Other:			\$0.00	
	<b>STUDENT TRAVEL TOTALS</b>	<b>\$2,756.00</b>		<b>\$41,340.00</b>	
II.	Faculty Traveling Expenses:	Cost/ea	# Requested	Total	Comments/Additional Notes
	Airfare	\$1,200.00	1	\$1,200.00	
	Cal Travel Store fee per Ticked	\$10.00	1	\$10.00	(\$10/ticket automatically added when using Cal Travel Store)
	Ground Transportation	\$170.00	1	\$170.00	
	Lodging	\$1,600.00	1	\$1,600.00	This is the same hotel we've stayed at the last 2 times I've led this course; located in Borough Market w/ free Wifi & hot breakfast for buffet students; triple occupancy; close proximity to public transportation
	Registration Fees			\$0.00	
	Entrance Fees			\$0.00	
	Meals (included)	\$900.00	1	\$900.00	\$90/day for 10 days (slightly less than CSU's actual per diem)
	Cultural Activities	\$177.00	1	\$177.00	Westminster Abbey (\$25), Buckingham Palace (\$25), London Eye (\$37), Towe
	Other:			\$0.00	
	<b>FACULTY TRAVEL TOTALS</b>	<b>\$4,057.00</b>		<b>\$4,057.00</b>	
III.	Operating Expense Budget	Cost/ea	# Requested	Total	Comments/Additional Notes
	Supplies			\$0.00	
	CI Facilities Chargebacks			\$0.00	[charges for large campus rooms: 1) Grand Salon \$395/day; 2) Petit Salon \$265/day; 3) Malibu #100 \$265/day]
	Other:			\$0.00	
	<b>OPERATING EXP. TOTALS</b>	<b>\$0.00</b>		<b>\$0.00</b>	
IV.	Out of Pocket Student Expenses	Cost/ea	# Requested	Total	Comments/Additional Notes
	Health Insurance			\$0.00	
	Tuition/Registration			\$0.00	
	Travel Insurance			\$0.00	
	Out of Pocket Meals			\$0.00	

**CSU Channel Island**

	Other:		\$0.00	
	<b>STUDENT EXP. TOTALS</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>V. Please note that Line "B" below is for UNIV 391 and 392 trips ONLY; IRA funds 2/3rds of these, course/lab fees funds the other 1/3rd.</b>				
<b>A</b>	Total Fundable Student Traveling Expenses		\$41,340.00	
<b>B</b>	UNIV 391/392: Max IRA funding is 2/3rd of total		<b>\$27,697.80</b>	
<b>C</b>	Total Faculty Travel Expenses		\$4,057.00	
<b>D</b>	Operating Expenses		\$0.00	
	<b>TOTAL TRIP COST for Non-UNIV 391/392 (total of A,C,D)</b>		<b>\$45,397.00</b>	
	<b>UNIV 391/392 TOTAL IRA FUND REQUEST (total of B,C,D)</b>		<b>\$31,754.80</b>	
	UNIV 391/392: 1/3 of costs payable by students via lab fee		\$13,642.20	
	If course fee is setup differently, list here			