Instructionally Related Activities Funds (IRA)
_____2011-2012_____ Academic Year

Budget Request & Program Set-Up

Date: 6/27/11

To: Budget Office

From: Mary Devins

Subject: IRA Proposal #430 Research at Sea

IRA Approved Campus contact: Chris Cogan
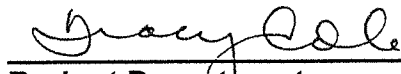Faculty Support Coordinator: Mary Devins

Program Set-Up	
Name of Program (limit to **30 characters**)	Research at Sea

IRA Funding Source				
Account	**Fund**	**Dept**	**Program**	**Monetary Amount**
660003	TK910	767	90370	$4190

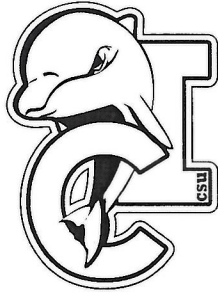| Fiscal Year for Budgeting and Spending:	2011-2012

*** Program codes will become inactive at the end of the Budgeted/Spending Fiscal Year ***

_____   6/27/11
IRA Committee Representative   Date

_____   7/27/11
Budget Department   Date

Applications for Approval Signed by University President or Representative Provost/Dean.
Please return copy of completed/signed form to Mary Devins, Academic Affairs.

http://www.csuci.edu/ira/index.htm

Application
Instructionally Related Activities Funds Request
2011-2012 Academic Year
DEADLINE: Fall and Academic Year 3/31/11
Spring 2012 deadline is 10/31/11

Applications must first be sent to the appropriate program chair. Chairs will then recommend and route them to the Dean's Office for review and authorization. The Dean's Office will then forward them to the IRA Committee for consideration.

Activity Title:
Project Sponsor/Staff (Name/Phone): Christopher Cogan 437-3319
Activity/Event Date(s): April 2012
Date Funding Needed By: January 2012
**Please Note that for Fall Requests the earliest that you will be notified of funding availability will be early June 2011 and for Spring Requests early January 2012.*

Please check if any of the following apply to your IRA:

□ Equipment Purchase   **X** Field Trip
□ Event   □ Participant data collection for public
□ IT Requirements   dissemination, i.e. interviews/surveys that
□ International Travel   result is a journal/poster session/newsletter
□ Space/OPC Requirements   □ Risk Management Consultation
□ Infrastructure/Remodel   □ Late Submission
□ Other _____

Previously Funded: □YES **X**NO   Yes, Request # _____

Does your proposal require IRB (Institutional Review Board) approval: □Yes   **X**No

Assessment submitted for previously Funded Activity: □YES   **X**NO

Academic Program or Center Name and Budget Code: ESRM

Date of Submission: 30 March 2011

Amount Requested: $4,190
(Should match item 2. E. on page 4)

Estimated Number of Students Participating: 20

From the academic science perspective, the "Research at Sea" experience is designed to promote experiential learning with an emphasis on scientific thinking, knowledge of the scientific method, awareness with field research methodology, quantitative analysis, spatial literacy, and technical computer skills relating to the use of geographic information systems for spatial data analysis.

2.   **Relation to IRA to Course Offerings.** All IRAs must be integrally related to the formal instructional offerings of the University and must be associated with scheduled credit courses. Please list all classes that relate to the program proposed.

Most of the ESRM courses as well as other science programs are strongly connected to the proposed "Research at Sea" experience. Field research with an emphasis on scientific methods, critical thinking, data gathering, data analysis, and spatial literacy represent core elements of CI's science programs.

3.   **Activity Assessment.** Describe the assessment process and measures that the program will use to determine if it has attained its educational goals. **Please note a report will be due at the end of the semester.**
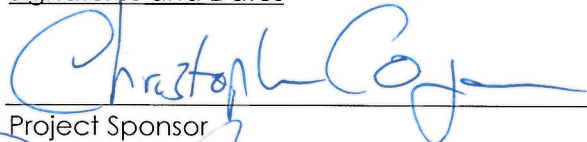
Students will prepare posters for presentation alongside their capstone poster session in the library. In addition, students will complete a knowledge survey both before and after the research.

4.   **Sources of Activity Support.** Please list the other sources of funding, and additional support for the activity.

The Tall-ship "Bill of Rights" operates as a non-profit organization specializing in ocean-going classroom activities. Commercial rates are substantially higher. Basic equipment (marine sensors, microscope, GPS, computers) has been provided by the HSI-STEM grant.

5.   **Acknowledgment.** Project Sponsor and Program Chair acknowledge that they have reviewed and accepted the Conditions and Considerations detailed on page 2.

Signatures and Dates

Christopher Cogan	30 March 2011
Project Sponsor	Date
signature	3/30/11
Program Chair/Director	Date
signature	
Dean of the Faculty	Date