



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

**Application**  
**Instructionally Related Activities Funds Request**  
**2013-2014 Academic Year**

**DEADLINES: Application Submitted to AVP:**  
**Fall and Academic Year 2013-14: 03/01/13**  
**Spring 2014 deadline: 10/01/13**

**Submittal Process:** Applications must be first be signed by your program chair and then submitted to the appropriate AVP for approval. AVP's will next forward application to the IRA Coordinator for review. If there are questions or concerns, you may be asked for revisions or additional information. The IRA Coordinator will then forward applications to the IRA Committee for consideration.

**Fiscal Management:** Project Sponsor's program will be responsible for all costs incurred over and above what is funded through the IRA award and will be responsible for seeing that any revenue that is intended to offset the amount of the IRA award is transferred accordingly.

**Duplicate requests-** if Sponsor is submitting multiple proposals for recurring events involving speakers, musicians, etc., please combine your requests into one proposal.

**Activity Title:** ESRM 2014 Spring Seminar Series Speaker

Project Sponsor/Staff (Name/Phone): Don Rodriguez

Activity/Event Date(s): Spring 2014

Date Funding Needed By: January 2014

*\*\*Please Note that for Fall Requests the earliest that you will be notified of funding availability will be early June 2013 and for Spring Requests early January 2014.*

Previously Funded?  YES  NO If Yes, what Semester/Year? Spring 2012  
 Proposal(s) # 503, 453

**\*If previously funded, please attach copy of post-event IRA Report**

Report submitted for previously Funded Activity?:  YES  NO

Academic Program or Center Name: Environmental Science and Resource Manag

Estimated total Course Fee revenue:

Amount Requested from IRA: 6,000.00 (Should match "Total Requested from IRA" on Page 5)

Estimated Number of Students Participating: 300

## Conditions and Considerations

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

**Artist/Performer/Speaker Fees & Honoraria**- On the Activity Budget, please indicate whether the vendor's price was set by you / CI representative, or is a fee that was set by the vendor themselves.

**Large Event**- For a large event, consultation with the campus Event Coordinator's office at (805)437-8548 is required.

**Equipment Purchase**- If requesting large equipment purchase -over \$200, or will be a fixture installed on campus- Project Sponsor must show proof of correspondence with OPC Administration. In addition, all other purchases must follow Procurement Guidelines.

**Field Trip**- Sponsor must comply with all policies found at <http://www.csuci.edu/hr/AcademicFieldTripGuidelinesandForms.htm>. If approved, Identified Risks of Participation and Release Agreement must be submitted for each student to the Program Office (Public Folders-HR Forms).

**Involves Human Subject Data Collection for Public Dissemination -Requires IRB Approval.** If Project Sponsor proposes to conduct research with human participants, the proposal may be subject to Institutional Review Board for the Protection of Human Subjects (IRB) review. All research that involves any type of interaction with human subjects – from simple surveys to complex biomedical procedures – must be reviewed and approved by the IRB *prior to* starting the research. Data for "Public Dissemination" indicates interviews/surveys that result in a journal/poster session/newsletter, etc.

**Exempt from IRB Approval** –If your project is exempt from IRB review, include copies of correspondence with IRB Board. It is the Project Sponsor's responsibility to inquire with the IRB **prior** to IRA application submission to determine if the project is exempt from IRB review so that funding is not delayed.

**IT Requirements**- If your activity has IT requirements, your application requires proof of correspondence and approval from IT Administration.

**International Travel**- Requires International Travel application be submitted to Center for International Affairs. Include copy of CIA budget and course syllabus in your IRA application.

**Risk Management Consultation**-Events that involve or engage students directly with a performer or artist (i.e. in a workshop or other than as a passive audience member) will require consultation with Risk Management. Requires proof of correspondence with Risk Management.

**Space/OPC Requirements, Infrastructure/Remodel**-Requires proof of correspondence with OPC Administration.

**Late Submission** - Requires explanation for emergency funding.

Other -

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**Requirements and Signatures**

Please provide the following in your application:

1. **Brief Activity Description.** Describe the activity and its relationship to the educational objectives of the students' program or major.
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.
  - a. Please list all classes that directly relate to the proposed activity.
  - b. For each class listed in #2a, describe in detail how exactly the IRA activity will be integrated with the class's activities, how often/ on what expected date(s), and to what extent.
3. **Learning Outcomes.** List all expected learning outcomes, as connected specifically with each course listed in #2.
4. **Activity Assessment.** Describe the assessment process and measures that the program will use to determine if it has attained its educational goals. **Please note that a report will be due at the end of the semester.**
5. **Activity Budget.** Please enclose a complete detailed budget of the entire activity. **Bold** specific items that you are requesting IRA to fund (Page 6).
6. **International Trips.** If your event is an international trip submitted through the Center for International Affairs, you must include a copy of the program budget as submitted to CIA (to ensure congruency between the two budgets), as well as a copy of the course syllabus.
7. **Sources of Activity Support.** Please list the other sources of funding (including course fees), and exact expected amounts of additional support for the activity.
8. **Audience/ Marketing/Promotions.** Who is your intended target audience? How will your event be advertised to students?
9. **Sustainability.** If appropriate, indicate how the content or delivery of the project promotes sustainability at CI.
10. **Images.** For previously funded IRA activities, include copies of images from past IRA activity or activities, demonstrating student participation and levels of students served.
11. **Acknowledgment.** Project Sponsor and Program Chair acknowledge that they have reviewed and accepted the Conditions and Considerations herein.

### Activity Description

For the past five years the ESRM program has coordinated an excellent and wide-ranging Spring Seminar Series. These seminars are well attended by ESRM students as well as by many non-ESRM students, faculty, administration, and staff. Our average attendance has hovered between 30 and 60, with some speakers drawing more than 80 people. All of these talks, while focused on the interdisciplinary challenges of Resource Management (broadly defined), have been easily approachable by students outside of our ESRM program, as evidenced by our routinely packed seminar rooms. Talks have to date ranged from Washington D.C. lobbyists, to international NGO scientists, to African Fulbright fellows, to best-selling authors, and National Park Superintendents.

In pulling together this year's speaker series the lack of funds to offset travel to our campus became increasingly clear. Several prospective speakers respectfully turned us down as their own organizations could not cover travel to CSUCI due to recently reduced budgets. We seek the same budget as last year to allow us to continue to attract speakers from outside the local area that will engage a broader range of CI faculty and students.

### Activity Assessment

The activity will be assessed at our typical end of the semester evaluations.

### Activity Budget

\$6000 for 6 -8 speakers to defray travel cost to CSUCI

### Sources of Additional Support

The ESRM Program will cover advertising, set-up, and associated costs for the seminar series.

**Instructional Related Activities  
Report Form**

SPONSOR	DEPARTMENT
Don Rodriguez Sean Anderson Chris Cogan May 2012	Environmental Science and Resource Management

ACTIVITY TITLE	DATE (S) OF ACTIVITY
ESRM Spring Lecture Series	1/24, 1/31, 2/21, 2/28, 3/13, 4/1

**PLEASE EXPLAIN (1) DESCRIPTION OF ACTIVITY; (2) HOW DID THE ACTIVITY RELATE TO A COURSE(S); AND (3) WHAT YOU LEARNED FROM THE PROCESS.**

The environmental lecture series sponsored by the ESRM program in the spring of 2012 involved various aspects of geospatial science as a way to introduce students across the University to this important analytical tool that is used in various disciplines. The series consisted of 6 different speakers covering a range of environmental topics including ocean mapping, using Geographic Information Systems to solve complex conservation problems, fisheries science and management, art and ecological history, role of GIS in historical research, and research and conservation of wolves in Croatia.

The first lecture in the series was presented by Dr. Will McClintock of UCSB. Dr. McClintock discussed the importance of ocean mapping and the innovation that has been integrated into marine conservation through the use of new geospatial tools that allow for in depth analyses that inform climate science and world conservation priorities. The presentation was energetically delivered and enthusiastically received by students and community members numbering over 40 participants and was podcast for use in a series of ESRM courses and posted on the ESRM program website.

For the second lecture in the series, Dr. Tom Gillespie from UCLA spoke on the novel uses for GIS in species conservation. The tool allows for predicting the location of elusive species over large expanses of terrain. Dr. Gillespie shared a number of examples where GIS was used to resolve research questions related to critical habitat and species distribution throughout the world. This lecture was attended by 45 individuals and was podcast for use in a series of ESRM courses and also posted on the ESRM program website.

The third speaker in the series was Dr. Tim Robinson from the Cachuma Water District Operations Board. Dr. Robinson presented a detailed account of Southern California Steelhead Management on the Santa Inez River system and the integration of GIS as a management tool in tracking these fish and insuring adequate flows that are critical to their survival. This lecture was attended by 35 individuals and was podcast for use in a

series of ESRM courses and also posted on the ESRM program website.

The fourth speaker in the series was artist and naturalist Laura Cunningham. Laura is a prominent artist that has recently published a book of her works associated with the natural history of northern California Bay Area. This provocative book depicts the ecological history of the region based on the extensive research Laura conducted into the vegetative change that has occurred in the area over the last few hundred years. The book is currently sold in book shops throughout California by the National Park Service and others interested in the changing landscape through time. This talk combined her skills as an interpretative naturalist and historian, and her considerable art skill to engage students from across the curriculum. Art students attending were totally engaged in this new outlet for the talents and science students were intrigued by the historic ecological record this work depicted. This talk was attended by 73 students and was podcast for use in a series of ESRM courses and also posted on the ESRM program website.

The fifth speaker in the series was Dr. Jack Owen Professor of History from Idaho State University. Dr. Owen talked about the integration of GIS into world history and provided numerous case studies to show the utility of geospatial science in historical research. Dr. Owens has had numerous grants from the National Science Foundation that have provided a unique platform for dissemination of his work through publication nationwide. There were numerous History students at this presentation, and one faculty member in History that wanted to incorporate many of the strategies into his own research. This talk was attended by 47 students and was podcast for use in a series of ESRM courses and also posted on the ESRM program website.

The last speaker in the series was author Dr. Josip Kusak from the University of Zagreb Croatia. Dr. Kusak spoke about wolf conservation in the throughout this part of the European continent. A prominent wildlife tracker and noted large carnivore biologist, Dr. Kusak provided unique insights into the challenges associated with managing wildlife throughout the region. This engaging talk involved students from ESRM and the Biology program in interdisciplinary discussions regarding the role of wildlife managers in preventing negative human interactions. This talk was attended by 35 students and was podcast for use in a series of ESRM courses and also posted on the ESRM program website.

All six speakers touched upon the goals and objectives of the courses taught by professors Anderson (ESRM), Bushman(History), Chapman(Biology), Cogan(ESRM), Norris(Biology), and Rodriguez(ESRM) consisting of, but not limited to: **BIOL 200 Principles of Organismal and Population Biology**, **BIOL 313 Conservation Biology**, and **BIOL 433 Ecology**, **HIST 366 Oceans of the World**, **All ESRM courses**