



2008 IRIS

# Undergraduate Internship Program



EAR-0453427

**Are you an undergraduate interested in working on a seismological research project this summer?**

If **SO**, consider applying to the IRIS Summer Undergraduate Internship Program.

Once selected, your summer experience will begin with a one-week orientation at the New Mexico Institute of Mining and Technology; May 26–30, 2008 (for those students whose quarter has not yet completed, alternative arrangements can be made). The goal of the orientation period is to develop a strong sense of community among interns, provide training in distance collaboration and introduce you to some of the most exciting aspects of modern seismology.

Following this week you will spend 8 to 10 weeks working on a seismological research project with researchers at an IRIS member institution. Research projects may involve the deployment of seismic instruments in the field (within the US or internationally), and/or analyses of seismic data in a lab setting with the ultimate goal of producing results to be presented at a national scientific meeting. Each project will provide you with ample opportunities to:

- conduct research with state-of-the-art geophysical data and leading researchers at IRIS institutions
- develop an understanding of scientific inquiry, including designing and conducting scientific investigations, defending scientific arguments, and preparing publications
- gather, manage, and convey information, using various skills, strategies, resources, and
- learn, use, and evaluate technologies for the collection and study of geophysical data

Your summer research project will culminate with the opportunity to experience the exciting atmosphere of a professional meeting, while presenting your results. In the past, most interns and their hosts have chosen to present at the Fall American Geophysical Union (AGU) meeting held in San Francisco in early December.

Visit <http://www.iris.edu/internship/> for additional details, descriptions of past projects, or to check on where our alumni are now!



## As an IRIS Intern you will receive...

- A weekly stipend (\$450/week for 9 - 11 weeks)
- Funding for travel to the home institution of your research host
- Assistance securing housing at the host institution
- Funding for any additional expenses related to fieldwork
- Funding for travel to a professional meeting to present your results along with the associated meeting costs (travel, registration, abstract submission fee and per diem)

## To Apply:

Complete the online application available at <http://www.iris.edu/internship/apply/intern> and send the following information by February 1, 2008

- Official college transcript(s)
- Two letters of recommendation

*Note: Sophomores and juniors are strongly encouraged to apply however; seniors graduating in May 2008 are not eligible for the program.*

## Intern Selection:

Selections will be based on the sum of each applicant's recommendations, coursework e.g. math, physics and geoscience, and the alignment between projects and prospective intern's interests. Experience or coursework in seismology or geophysics is not a requirement for successful candidates.

Decisions for all students will be made by March 15, 2008. To help ensure a strong match between interns and hosts, when possible, accepted interns will be able to select a project that most interests them. The matching of interns and projects will take place between March 15 and March 30, 2008. Specific end dates, travel and financial arrangements will be negotiated between the host and the accepted interns.