



# NSF-REU Summer Program 2008

## University of Nevada, Reno

We invite applications for a ten week summer research program in chemistry sponsored by the National Science Foundation REU program. Details of this program, our department, and project descriptions may be found on the web at: [www.chem.unr.edu/reu](http://www.chem.unr.edu/reu)

### Research areas are listed below:

<b>Computational Chemistry</b>	<b>Physical Organic Chemistry</b>
<b>Surface Science</b>	<b>Chemistry</b>
<b>Green Chemistry</b>	<b>Materials Science</b>
<b>Organometallic Chemistry</b>	<b>Physical Chemistry</b>
<b>Inorganic Chemistry</b>	<b>Theoretical Chemistry</b>
<b>Bioinorganic Chemistry</b>	<b>Biophysical Chemistry</b>
<b>Organic Synthesis</b>	

**Departmental Facilities:** The department is amply endowed with state-of-the-art instrumentation including three high-field NMR spectrometers, a CCD based X-ray diffractometer, FTIR, UV-vis, and GC/MS spectrometers, along with several high performance computer clusters. Participants in this program will have the opportunity to utilize much of this equipment in the course of their research.

**Location:** Reno is a pleasant city in which to live and work and hosts several festivals and special events during the summer months. The city is nestled on the eastern slope of the Sierra Nevada mountains and recreational activities in the mountains, as well as at nearby Lake Tahoe, are readily available. The sun shines more than 300 days a year, providing warm days, cool nights, and blue skies. Summer weather is mild with Reno's altitude (4500 ft) and dry climate providing cool, comfortable evenings, even in August.

**Program Details:** The program will run for ten consecutive weeks beginning June 8, 2008 through August 15, 2008. A different start date may be negotiated to accommodate academic schedules. Students in the program will receive a stipend of \$3500 in addition to a housing allowance and partial reimbursement of travel expenses for non-local participants.

**Requirements:** Students interested in this program must have undergraduate standing with two years of chemistry preferred (completion of organic chemistry and laboratory). Applications are especially encouraged from students at primarily undergraduate institutions and from members of groups which are under represented in science in the US. Participants must be citizens or permanent legal residents of the USA.

**Application:** Online application is encouraged. Please visit [www.chem.unr.edu/reu](http://www.chem.unr.edu/reu) for more information, to apply online, or to download an application form. Please email Prof. Sean Casey at [reu@chem.unr.edu](mailto:reu@chem.unr.edu) with any questions about the program. Applications must be received by March 21, 2008 for full consideration. Participants will be notified on or around April 18, 2008.



College of Science  
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