

# New Mexico State University

## NMSU-RISE

### Medicinal Plants of the Southwest Summer Workshop, May 26 - July 2, 2009

The Medicinal Plants of the Southwest Summer Workshop (MPSW) is a student development activity designed to increase the educational opportunities for students at New Mexico State University. MPSW is funded by the National Institutes of Health (NIH) through the NMSU RISE to the Doctorate Program. For examples of workshop experiences, visit <http://medplant.nmsu.edu>.

The workshop is open to undergraduates at NMSU, including entering freshman for Fall 2009. Students in under-represented groups are especially encouraged to apply, as the goal of the RISE program is to diversify researchers in the biomedical sciences.

NIH considers members of these groups "currently underrepresented in the biomedical, clinical, behavioral, and social sciences to include: (A) individuals from underrepresented racial and ethnic groups, (B) individuals with disabilities, and (C) individuals from socially, culturally, economically, or educationally disadvantaged backgrounds that have inhibited their ability to pursue a career in health-related research. Institutions are encouraged to identify candidates who will increase diversity on a national or institutional basis."  
<http://www.nigms.nih.gov/Training/Diversity/>

Instruction and lab work will cover general principles in plant science, biochemistry, ethnobotany, cell biology, chemistry, and microbiology, using specific examples from medicinal plants. Discussion groups will also cover scientific ethics. Students will work in teams and perform research on a set of medicinal plants from the area. Instructors include faculty and staff from NMSU. The Summer 2009 Workshop will run for 6 weeks on the NMSU Las Cruces campus, May 26 - July 2, Monday through Friday 9 am to 5 pm. Participants in the project will be paid ~\$9/hour.

#### Participation Requirements:

- To be eligible for employment in this federally funded program, **participants must be US citizens or permanent residents.**
- Must be enrolled at NMSU for Fall 2009 and satisfactorily completed High School courses in one or more of the following areas: Chemistry, Biology, or Physics.
- The student should have a sincere interest in exploring a college major in: animal science, anthropology, biochemistry, biology, chemistry, genetics, physics, physiology, plant sciences, etc. Opportunities are available for workshop participants to continue to participate in academic research programs sponsored by the NMSU-RISE training program year round.

Please send completed applications by **April 17, 2009** to Dr. Mary O'Connell:

#### Mail:

Plant & Environmental Sciences  
MSC 3Q, P.O. Box 30003  
New Mexico State University  
Las Cruces, NM 88003

#### Hand deliver:

Dr. O'Connell's office, Gerald  
Thomas Hall Rm. 179

#### Electronic delivery:

Fax (575) 646-4681  
[moconnel@nmsu.edu](mailto:moconnel@nmsu.edu)  
Phone (575) 646-5172

A complete application includes a completed application form, a typed 500-1000 word personal statement and a current academic transcript (unofficial transcripts are acceptable). Application forms are also available on the web: <http://medplant.nmsu.edu>.