

GRADUATE RESEARCH ASSISTANTSHIP IN DESERT ROOT ECOLOGY

Research assistantships for graduate students (M.S. or Ph.D.) to study the effects of global changes on the physiology and ecology of roots in Mojave Desert ecosystems. Potential research topics include root growth and production, nutrient uptake kinetics, and mycorrhizal relationships. Field research will be conducted at the Nevada Desert FACE Facility, which is the only FACE (Free-Air CO₂ Enrichment) site located in an intact desert ecosystem, and the Mojave Global Change Facility, which investigates effects of increased N deposition, increased summer precipitation, and decreased soil biological crusts on desert vegetation. Controlled environment facilities at the University of Nevada, Reno (UNR) will also be used. Students also will interact with scientists from other institutions during their research programs.

Starting date is flexible, but should be between June 2005 and January 2006 for either fall or spring semester admittance to a graduate program.

To apply, submit a cover letter that describes your research and career interests as well as experience and qualifications, a resume, and names, current telephone numbers, email addresses and postal addresses of 3 references to: Robert S. Nowak, Dept. NRES / MS 370, University of Nevada – Reno, Reno, NV 89557; E-mail: nowak@cabnr.unr.edu; Phone: 775-784-1656; FAX: 775-784-4789.

For additional information on the research, see <http://www.ag.unr.edu/nowak/> and http://www.unlv.edu/Climate_Change_Research/. For information on UNR's graduate programs, see <http://www.ag.unr.edu/nres/Graduates/index.htm>.