

Graduate Research Assistantships in Fire, Rangeland and Riparian Ecology, MS and PhD,
at the University of Nevada Reno, Department of Natural Resources and Environmental Science

Three MS Research Assistantships in either:

Environmental and Natural Resource Science or Hydrology

One MS Research Assistantships in:

Hydrology or Hydrogeology

One PhD Research Assistantship in either

Hydrology, Hydrogeology or Ecology Evolution and Conservation Biology

Research Projects:

MS1 and MS2: (To start in May 2004) Research in support of the National Fire Plan to relate pre-fire riparian conditions, including riparian proper functioning condition assessment and stream survey variables to fire intensity, riparian vegetation consumption level, and post-fire riparian vegetation survival

MS3: (To start in August 2004) Research in support of the Eastern Nevada Landscape Coalition examining the distribution of RUSLE cover values and accelerated soil erosion in relation to Pinyon and juniper expansion into different sagebrush types on different slopes, aspects, elevations, geologic parent materials.

MS4: (To start in August 2004) Research in support of the Eastern Nevada Landscape Coalition relating water for riparian systems to landscape scale expansion of pinyon and juniper trees. Project will combine GIS interpretation of decades old and current remote sensing and hydrologic data.

PhD (To start in August 2004 in collaboration with MS1 and MS2) Research in support of the National Fire Plan to relate pre-fire riparian conditions, including riparian-proper-functioning-condition-assessment and stream-survey variables to supply and fate of coarse woody debris and beaver dams, hydrologic conditions for riparian vegetation, and erosion and sediment deposition effects on channel morphology.

To discuss these projects or graduate school, contact: Dr. Sherman Swanson, Department of Environmental and Resource Sciences (Soon to be Natural Resources and Environmental Science), 1000 Valley Rd. Reno, NV 89512 (775-784-4057) sswanson@cabnr.unr.edu
Stipends \$1,200. - \$1,500. / Month

Admissions Procedures: Contact the Graduate School University of Nevada, Reno /326
Reno, NV 89557-0002 Telephone (775) 784-6869

Application for admission (at <http://www.vpr.unr.edu/grad2/>) to the University & Application fee

Two official copies of all transcripts (GPA $\sim \geq 3.0$)

One official copy of GRE scores (verbal and quantitative @ $\sim \geq 500$)

A letter of intent, stating your research and career interests, experience and qualifications and desired faculty advisor

Three letters of recommendation from people familiar with your academic and work records

Form at <http://www.vpr.unr.edu/grad2/6Forms/recformFI.pdf>

Send duplicate copy of application materials to Sherman Swanson

The University of Nevada, Reno does not discriminate on the basis of race, color, religion, sex, age, creed, national origin, veteran status, physical or mental disability, or sexual orientation in any program or activity it operates.