MS Position – High-elevation forest persistence potential

The Bisbing Forest Ecology & Silviculture Lab at the University of Nevada – Reno (UNR) is seeking a MS student to build on an established project assessing the persistence potential of iconic Great Basin high-elevation forests. Demographic studies of forest change following disturbance as well as *in situ* and greenhouse experiments have been established to determine stand trajectories and to quantify the effects of soils and climate on the establishment and survival of Great Basin bristlecone, limber, and whitebark pines in an era of rapid change. The student will join a collaborative group of ecologists from UNR, the USDA Rocky Mountain Research Station, and Yosemite National Park to monitor climate and disturbance effects in support of ongoing conservation and restoration of Great Basin high-elevation forests.

Funding is available for two years ($1700/month stipend plus research funding and tuition), starting as early as January 2022. The student will be expected to serve as a teaching assistant (TA) within the Natural Resources & Environmental Sciences Department for one semester over the two-year funding period. The MS student has the option of applying to either the Natural Resources & Environmental Sciences or the Ecology, Evolution, & Conservation Biology graduate programs.
Qualifications for this position include:

- Bachelor's degree in forestry, ecology, biology, environmental science, or related field
- Capacity to work independently, but cooperatively, on this long-term research project
- Demonstrated writing and quantitative skills
- Ability to work long, strenuous field days in the backcountry and in inclement weather

Applicants should compile a single pdf file to sbisbing@unr.edu including a CV, cover letter, transcripts, representative publications, and contact information for three references. Review of applications will begin October 1st, 2021 and continue until the position is filled.