

Department of
**FOREST AND RANGELAND
Stewardship**



PhD Assistantship: Basic and applied ecology of Gambel oak woodlands

The Department of Forest and Rangeland Stewardship (FRS) at Colorado State University is seeking applicants for a PhD Assistantship to investigate basic and applied aspects of Gambel oak woodland ecology in Colorado. This position is available starting fall semester, 2017. Funding is provided for three years, and consists of a competitive stipend plus six semesters of in-state tuition. Additional funding is assured for the successful incumbent.

The student will conduct basic research on stand development and aboveground biomass accumulation in Gambel oak woodlands. Ultimately, we anticipate this work will lead to new knowledge of stand development patterns, allometric relationships, and the role of site quality and anatomical traits in controlling maximum tree height and productivity of Gambel oak. This research will directly support management efforts related to fuel hazard management, ecosystem restoration, and C accounting. This is a great opportunity to develop an academic program of work in applied ecology that has immediate management impact.

Successful applicants will have demonstrated the ability to organize and manage field research efforts at the graduate level, have strong quantitative and writing skills, and be proficient with analytical software such as SAS/R, ArcGIS, etc. Applicants with MS-level research experience in forest or woodland ecology, plant physiology, forest growth and yield study, or a closely related discipline are preferred. To apply, submit a CV, transcripts, GRE scores, contact information for three references, writing sample, and letter of interest via e-mail to:

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