M.S. Graduate Assistantship – Quantitative Silviculture of Engelmann Spruce

The Applied Forest Ecology and Silviculture Laboratory at Utah State University seeks to fill a M.S. graduate research assistantship to study quantitative silviculture of Engelmann spruce in the western U.S.

The student will conduct both basic and applied research on production ecology and silviculture of Engelmann spruce forests. Basic research topics might include the effects of climate, species mixtures, stand dynamics, disturbances, etc. on spruce forest growth production. Related applied topics could focus on the development of useful management tools such as alternative silvicultural systems or density management diagrams. The student will be expected to present research results at scientific conferences and to land managers, and to publish results in peer-reviewed journals.

Preferred qualifications include a BS degree in Forestry or a related field, but exceptional candidates from other fields will also be considered. The successful candidate will demonstrate excellent analytical capability, familiarity with the Forest Inventory and Analysis database or other large databases and their management, the ability to work independently, and be comfortable and experienced working in the field. A valid U.S. driver’s license is mandatory, and the student must become qualified to drive Utah State University vehicles.

The assistantship includes a competitive 2-year stipend, an out-of-state tuition waiver, full coverage of in-state tuition, and student health insurance. Additional funds for research supplies and travel are available. This position will begin either Fall 2019, or January 2020. To apply, email: 1) covering letter that describes your research interests, experience, and enthusiasm, 2) curriculum vitae or resume, 3) unofficial transcripts, 4) Graduate Record Examination scores, and 5) contact information for three professional or academic references, to justin.derosc@usu.edu.