

Changing precipitation patterns affect rangeland and dryland agriculture

Dr. Karen Beard

We need a technician to conduct research on precipitation-manipulation experiments in Clarkston and at Hardware Ranch. Work is based out of Logan and will primarily include one field day of research per week during the academic year. We are examining how fewer, larger precipitation events affect plant growth and water cycling in dryland agriculture and rangeland sites. Successful applicants will collect vegetation, soil moisture, plant root, plant physiology and climate data and have the opportunity to perform independent research. During the winter, the work will mostly include shoveling snow to maintain treatments.

Flexible schedule, part-time work, but one full day per week is needed almost every week.

- Gain plant, soils, field, laboratory, data analysis, data logger research experience.
- Needs to be willing to shovel snow one day/week over the winter.
- - \$10 hr

Successful applicants should have the following experience or willingness:

- a. Help maintain and monitor large-scale precipitation manipulation shelters.
- b. Willingness to work inside and outside throughout the winter;
- c. Interest in plant community ecology;
- d. Independent research project opportunities are available.

Project start date

ASAP

Project end date

April, with the opportunity to stay into the summer

Paid/volunteer

Paid