

January 12, 2021

POSTDOCTORAL SCHOLAR

Type of Position: The position is for a Postdoctoral Scholar in Weed Science with Agronomy/Agroecology background. The initial appointment will be for one year with renewal dependent on satisfactory performance and available funding for up to three years.

Employer: Oregon State University

Location: The position is located at the Columbia Basin Agricultural Research Center (CBARC) in Pendleton, which is in northeastern Oregon.

Description of Location: The Columbia Basin Agricultural Research Center is co-located with the Columbia Plateau Conservation Research Center, a unit of the USDA-ARS. Both facilities have 35 personnel that conduct research on production of dryland crops. Pendleton has a population of 17,000 and serves as a regional economic center with attributes of a larger city. Recreational opportunities abound at nearby rivers and mountains. <https://agsci.oregonstate.edu/cbarc>

Salary: Stipend and benefits conform with postdoctoral scholar standards at OSU.

Closing Date of Competition: Recruitment will remain open until a suitable candidate is identified.

Date Position Available: March 1, 2022.

Description of Duties: The successful candidate will conduct activities to study:

- 1) Integrated and cooperative Russian thistle (*Salsola tragus*) management in the semi-arid Pacific Northwest (PNW). Specific objectives include: Model seedling emergence, evaluate seed longevity, determine timing of viable seed production, determine Russian thistle water use after harvest, investigate harvest and post-harvest strategies, and evaluate the effectiveness of cooperative Russian thistle control efforts.
- 2) How different farming practices (residue management, tillage vs no-till, intercropping, cover cropping, or N fertilization) impact weed infestation and weed control.
- 3) How changes in soil C stocks and soil health indicators in the different long-term experiments at Pendleton affect dryland grain yields and quality, plant disease incidence, and weed pressure.

The successful candidate will be expected to write scientific and extension publications from the mentioned studies; and will also be expected to work in a team environment and contribute to the research interests/projects of the group.

Qualifications Sought:

Education:

- The qualified candidates should have received a doctoral degree in Weed Science, Agronomy, Plant ecology or related field before the starting date.

Experience and skills:

- Strong experience in data analysis using the statistical software R.
- A sound knowledge of and research experience in weed science, agronomy, plant ecology, or agroecology.
- Experience in field work.
- Experience in writing journal articles in English.
- Excellent communication skills.
- Experience working in a team environment.
- Commitment to diversity, equity, an inclusion.
- Valid driver's license

Instructions to Applicants: All applicants should send a cover letter indicating their interest and qualifications as related to the position along with a curriculum vitae and the contact information of 3 references via email to Judit.barroso@oregonstate.edu

Contact: If you have questions about the position, please contact Dr. Judit Barroso (email: Judit.barroso@oregonstate.edu, phone: 541-278-4394).

Oregon State University is an affirmative action/equal opportunity employer.