

Postdoctoral Scholar Position: Molecular microbiology

Name of College/Department/School/Division: College of Agricultural Sciences - Department of Botany and Plant Pathology

Location: Oregon State University – Corvallis, Oregon

Open and close dates:

August 18, 2025; Until filled (will begin reviewing applications immediately).

Summary: (1.0 FTE; 12-months) The Weisberg lab studies microbial evolution and the role of mobile genetic elements in host-microbe interactions. The lab is seeking a postdoctoral scholar to develop an approach to detect plasmid transfer in native and synthetic microbial communities and study the molecular mechanisms restricting plasmid host range.

(see: <https://doi.org/10.1098/rstb.2020.0466> and <https://doi.org/10.1146/annurev-micro-032521-022006>).

The position provides a competitive stipend and health insurance for up to three years, subject to satisfactory performance (<https://gradschool.oregonstate.edu/postdocs>).

Required Qualifications:

1. PhD in a life science/computational field.
2. Strong wet-lab experimental research experience.
3. Demonstrated productivity, capacity for independent research, and intellectual creativity.
4. Be eligible for postdoctoral scholar support at OSU (see <https://gradschool.oregonstate.edu/postdocs/appointment-and-recruitment>).

Preferred Qualifications:

1. Research experience in microbiology, microbe-microbe interactions, plant-microbe interactions, molecular biology, genetics, biochemistry, or cell biology.
2. Commitment to promoting a welcoming and inclusive environment.
3. Demonstrated leadership and effectiveness in working collaboratively.
4. Excellent oral and written communication skills.
5. Can start by September 2025; but start date is negotiable.

Application Process: Please provide a single PDF (include your surname and first initial in the file name) that includes a 1-page cover letter, CV, and names and contact information for three references. Applications and inquiries may be sent by email with subject line “PD scholar” to:

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