

## One 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:**

September 1<sup>st</sup>, 2023; Until filled (will begin reviewing applications as soon as September 15<sup>th</sup>, 2023).

**Summary:** The LeBoldus lab studies the mechanistic, evolutionary, and ecological bases for plant-microbe and plant-microbe-abiotic stress interactions. We use the *Populus-Sphaerulina* pathosystem as a model to test hypotheses about infection and colonization of woody plants by fungi.

**POSITION 1:** (1.0 FTE; 12-months) study the molecular mechanisms of the *Populus-Sphaerulina* using a comparative genomics approach. (see: 10.1073/pnas.1804428115; 10.1098/rstb.2022.0008). This project will be in collaboration with Dr. Jeff Anderson (see: 10.1094/MPMI-10-18-0295-FI).

The positions provide 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 field.
2. Strong wet-lab/bioinformatic research experience.
3. Demonstrated productivity, capacity for independent research, and intellectual creativity.
4. Be eligible for three years of 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 diverse and inclusive environment.
3. Demonstrated leadership and effectiveness in working collaboratively.
4. Excellent oral and written communication skills.
5. Can start by January 1, 2024; but start date is negotiable.

**Application Process:** Please provide a single PDF (include your surname and initial of first name 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 electronically, with the subject line, "PD scholar" to:

Jared LeBoldus and/or Jeff Anderson  
Department of Botany and Plant Pathology  
Oregon State University  
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(541) 737-5278  
[lebolduj@oregonstate.edu](mailto:lebolduj@oregonstate.edu);

