**Name of Positions:**

1. Molecular plant-bacteria interactions
2. Oomycete metabarcoding
3. Genome-enabled epidemiology of plant pathogens

These are all Postdoctoral Scholar positions

**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:**
March 1st, 2021; Until filled

**Summary:** Three postdoc scholar positions (1.0 FTE; 12-months) are available in the Department of Botany and Plant Pathology at Oregon State University. The positions provide a competitive stipend and health insurance for up to three years, subject to satisfactory performance (https://gradschool.oregonstate.edu/postdocs).

Position 1 will study the mechanistic bases of pathogen virulence and biocontrol of bacterial pathogens of plants. Positions 2 and 3 will build and use molecular and computational tools to identify, track, and diagnose oomycete and bacterial pathogens of plants. The successful applicants will be expected to work collaboratively in large, multi-laboratory trans-disciplinary research teams, help mentor students, as well as lead and support manuscript and grant proposal writing. Position 1 will be in the laboratory of Dr. Chang. Positions 2 and 3 will be collaborative in the laboratories of Drs. Chang and Grunwald (USDA-ARS).

**Required Qualifications:** A PhD in biology, computer science, or related fields. Demonstrated productivity, capacity for independent research, and intellectual creativity. Applicants must have three years of eligibility for a postdoctoral scholar position (received PhD prior to starting position with no, or minimal, prior postdoctoral experience).

**Preferred Qualifications:** Research experience in plant-microbe interactions, microbial community ecology, population/comparative genomics, and/or computational biology. Commitment to promoting a diverse and inclusive environment. Demonstrated leadership and effectiveness in working collaboratively. Excellent oral and written communication skills.

**Application Process:** Please provide a cover letter, CV, as well as names and contact information for three references. If there is a preferred position, please indicate preference 1, 2, or 3 in the cover letter. Application material or relevant inquiries may be sent electronically, with the subject line, “Application for PD scholar” to:

Jeff Chang  
Department of Botany and Plant Pathology  
Oregon State University  
Corvallis, OR 97331  
(541) 737-5278  
changj@oregonstate.edu

OR  
Nik Grunwald  
Horticulture Crops Research Unit  
USDA-ARS  
Corvallis, OR 97331  
(541) 738-4049  
nik.grunwald@usda.gov