

THREE PhD GRADUATE STUDENT FELLOWSHIPS

Available Fall 2023



Oregon State
University

A NEED FOR LEADERS IN THE MULTIDISCIPLINARY FIELD OF PLANT DISEASE MANAGEMENT

Plant diseases are a major constraint to crop production, and cost the global economy around \$220 billion each year. They also pose a threat to global food security and their impacts are expected to worsen with global climate change. Managing plant diseases sustainably is therefore essential to meet the food demands of our planet's growing population.

WHAT TRAINING WILL THE FELLOWS RECEIVE?

Students will receive academic foundations in plant disease diagnosis and management and bioinformatics and data science through courses and research thesis projects that address important disease issues for stakeholders. They will learn transferable skills through experiential learning opportunities for leadership, communication of science to diverse audiences, mentorship, teaching, budgeting, and organization. Students will visit farms and branch experiment stations across the state of Oregon to observe diverse plant production systems. And they will be pipelined into plant production careers through networking, and close mentoring and guidance by both academic and non-academic professionals. This educational program will foster critical, creative, and innovative thinking, and will prepare future leaders in plant production.

WHO CAN APPLY?

Students with passion and motivation for sciences, in particular plant sciences. You must be citizens or nationals of the United States of America, and have strong interest in preparing for a career as a leader in plant production and plant disease management. Minority students are strongly encouraged to apply.

Application Deadline: December 1, 2022

Please apply through the BPP Admissions website at
<https://bpp.oregonstate.edu/bpp/graduate-programs/admissions>.



In your application, please make sure to indicate that you would like to be considered for the NNF Fellowship, and which potential mentor(s) match your research interests.

For more information, please contact the Project Director
Aymeric Goyer at aymeric.goyer@oregonstate.edu

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RESEARCH AREAS

- Plant disease management
- Diagnosis of plant diseases
- Plant disease epidemiology
- Plant disease dynamics
- Host plant resistance
- Molecular plant microbe interactions
- Plant development and biotic stress
- Quantitative life sciences
- Big data analysis