



## PhD position: Fungal evolution and genomics - Oregon State University

The Mahaffee lab (USDA-ARS) and Weisberg Lab (Oregon State University) are seeking a highly motivated PhD student for research in fungal comparative genomics and evolution. Potential projects include characterizing the evolution and genomic diversity of fungal phytopathogens, including grapevine-associated *Botrytis* spp., using Nanopore sequencing. Other projects may include computational modeling/epidemiology, mobile genetic elements, and genomic studies of other fungal and/or microbial pathogens. Projects will include both computational and wet-lab research.

Qualifications: Must meet the minimum qualifications for the Botany and Plant Pathology graduate program including a Bachelor's degree in a relevant field (either biological or computational). Must be able to work independently, communicate effectively, and be motivated to stay organized and develop their research projects. Preferred qualifications include some computational experience, such as python and/or shell scripting, cluster computing, analysis in R, or at least a willingness to learn.

The position start date is flexible and may begin soon. If interested, please send a letter of interest and your CV by email to Alexandra Weisberg at [weisbeal@oregonstate.edu](mailto:weisbeal@oregonstate.edu) to discuss it or apply.

Information about the Weisberg Lab can be found at: [www.weisberglab.com](http://www.weisberglab.com)

Information about the Mahaffee Lab can be found at:  
<https://bpp.oregonstate.edu/users/walter-mahaffee>

Information about the Botany and Plant Pathology graduate program at Oregon State University can be found at: <https://bpp.oregonstate.edu/bpp/academics/graduate-programs>.