

**Master's Position Available Now
in the
Forest Pathology Lab**

Department of Plant, Soil & Microbial Sciences and the Department of Forestry



Are you passionate about finding solutions to save our trees? Come and work in the Sakalidis Lab at Michigan State University to join a dynamic team working on oak wilt (and other tree diseases).

You would work alongside a yet-to-be-hired (position information [here](#)) post-doctoral researcher on oak wilt management. The research team will oversee implementation and evaluation of tactics designed to mitigate impacts of oak wilt infection on surrounding oaks, the loss of healthy oak trees, and the cost of oak wilt treatments. This project seeks to further our understanding of how prophylactic and post-infection treatments affect oak xylem anatomy and to assess inoculum dosage in relation to the likelihood of disease development.

Skills you should have:

- Attention to detail
- Ability to communicate effectively & work as part of a team

Some of the skills you will gain:

Lab based: microscopy, media preparation, fungal culturing and storage, DNA extraction, PCR and qPCR, chemical efficacy (fungicide trials)

Greenhouse: plant maintenance, pathogenicity trials, chemical efficacy (fungicide) trials

Field: chemical efficacy (fungicide) trials, herbicide applications, sample collections, disease surveys

Writing & Communication preparation and presentation of academic and extension text and talks. Including peer-reviewed manuscripts, reports, grant proposals, extension news articles and fact sheets.

Start Date: Ideally Summer 2023, must start by Fall 2023.

Commensuration: Two years fully funded incl. salary (\$27,846- \$31,200 per annum), health and tuition.

Interested? Please reach out to Dr. Sakalidis (sakalidi@msu.edu) with questions & to send application materials.

Application Materials: Cover letter with a summary of background, research interests and career goals; a Curriculum Vitae; Contact information and details of three professional references.

Review of applications will begin immediately and will continue until the position is filled.

MSU is an affirmative-action, equal-opportunity employer. MSU is committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.