

***Management of Thousand Cankers Disease***  
**Postdoctoral Research Scholar**

The Forest Entomology Laboratory at Purdue University is seeking a Postdoctoral Research Scholar to advance ongoing research focused on the integrated pest management of Thousand Cankers Disease (TCD). This disease complex is caused by the association of a fungus (*Geosmithia morbida*) and the walnut twig beetle (*Pityophthorus juglandis*). TCD is responsible for the widespread death of black walnut (*Juglans nigra*) in the western United States, and was recently discovered in the East, where it threatens the health of this important timber species throughout its native range.

The specific objectives of this study are to evaluate the efficacy of semiochemicals, entomopathogenic fungi, and insecticides to reduce the impact of TCD in high-value plantations of black walnut.

Primary responsibilities include:

- Conduct field studies to extend a systematic evaluation of components of an integrated pest management strategy for TCD.
- Conduct greenhouse studies to evaluate the efficacy of entomopathogenic fungi to manage TCD.
- Synthesize research results to develop best management practices to mitigate losses from TCD.

Basic Qualifications:

- A Ph.D. in entomology, forest health, ecology or related fields.
- Strong organization and communication skills and the ability to work independently.

Preferred Qualifications

- Experience designing, organizing, and managing research projects involving insects, trees and/or fungi.
- Expertise and experience in ecology and management of insects in forest systems.
- Demonstrated quantitative expertise and statistical skills.

This is a full-time, one-year appointment based in West Lafayette, IN with the possibility of reappointment based on available funding and satisfactory performance. The position is available immediately and the salary is set at \$48,000 per year plus benefits. Information regarding Purdue University employee benefits can be found at: <http://www.purdue.edu/hr/Benefits/>

To apply, please send a cover letter describing your research experience, CV, and names and contact information for three references to Dr. Matthew Ginzal ([mginzel@purdue.edu](mailto:mginzel@purdue.edu)).

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

*Department of Entomology*