

Postdoctoral or Post-Master's Research Associate in Plant-Microbe Systems Biology

**Biosciences Division
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL10-01-BSD

Project Description:

The Biosciences and Environmental Sciences Divisions at Oak Ridge National Laboratory are seeking individuals with training in plant physiology, plant-associated microbiology, computational biology, or analytical technologies (e.g. imaging, proteomics) to characterize plant-microbe interactions. The candidate will join a multidisciplinary team of investigators focused on characterizing, measuring, and interpreting the natural diversity and the molecular events involved in establishing and maintaining interactions between Poplar and its associated microbial community. These studies aim to understand how microbial selection and colonization occurs, the reciprocal benefits to the plant and microbe, and to apply this understanding to issues such as energy transformation, carbon cycling, and environmental remediation.

Qualifications:

Successful candidates will have a post-master's or Ph.D. degree with broad training in microbiology, plant biology, computational biology or analytical technologies, a strong publication record, excellent communication and interpersonal skills, and the ability to perform effectively in a dynamic, multi-disciplinary research environment. Expertise in the analyses of plant-microbe interactions is highly desired.

Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment.

Technical Questions:

Questions related to positions should be directed to the following people: Plant biology: Gerald Tuskan, tuskanga@ornl.gov or 865-576-8141; Computational biology: Ed Uberbacher at uberbacherec@ornl.gov or 865-574-6134; Microbiology: Jennifer Morrell-Falvey at morrelljl1@ornl.gov or 865-241-2841; Analytical technologies: Greg Hurst at hurstgb@ornl.gov or 865-574-6142. Please reference the position title and number when corresponding about this position.

How to Apply:

Qualified applicants may apply online at https://www2.ornl.gov/ORNL_POST/. All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at <http://www.ornl.gov/orise/edu/ornl/ornl-pdpm/application.htm>.

This appointment is offered through the ORNL Postdoctoral Research Associates Program and is administered by Oak Ridge Associated Universities (ORAU). This appointment is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.