

Postdoctoral Research Associate in Microbe–Soil–Metals Interactions

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

ORNL10-72-BSD

Project Description:

The Biosciences Division at Oak Ridge National Laboratory is seeking an individual with training in microbial ecology as well soil science and biogeochemistry. The candidate will join a multidisciplinary team of investigators at ORNL, the University of Tennessee, the Ohio State University, EPA and USDA focused on characterizing the permanence and bioavailability of lead and arsenic sequestration strategies in soils. Specifically the candidate will investigate effect of fungal organic acid secretion and soil chemistry on the solubility and speciation of Pb and As.

Qualifications:

Successful candidates will have a Ph.D. degree with training in molecular microbial ecology and physiology, soil biogeochemistry, a strong publication record, excellent written and oral communication and interpersonal skills, and the ability to perform effectively in a dynamic, multi-disciplinary research environment. Expertise in the area of metals bioremediation is also 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 this position should be directed to Christopher Schadt (schadtcw@ornl.gov). Please reference the position title and number when corresponding about this position. Applicants should include a current CV and contact information for at least 3 professional references.

How to Apply:

Qualified applicants must 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 Postgraduate Research Participation Program and is administered by the Oak Ridge Institute for Science and Education (ORISE). The program 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.