

Post-graduate Opportunities Environmental Sciences Division Oak Ridge National Laboratory

The Environmental Sciences Division (ESD) at Oak Ridge National Laboratory (ORNL) has immediate openings for one or more post-graduate research associates to support ongoing projects in microbial ecology, microbial physiology, and modeling of microbial communities.

ESD assembles interdisciplinary teams focusing on understanding processes that drive the Earth's environmental and ecological systems. ESD scientists conduct research, develop technology, and perform analyses to understand Earth's systems. By expanding scientific knowledge and developing technological solutions, we strengthen the nation's leadership in addressing important environmental solutions.

Fellowship opportunities currently exist in our Microbial Biogeochemistry and Biotechnology focus area. Investigations of microbial processes at the ecosystem, population, organism, and gene function levels are emphasized with a focus on harnessing the capabilities of microbial systems to address challenges in environmental remediation, synthesis of bioproducts, carbon sequestration and other applications.

For information on ESD projects, see: <http://www.esd.ornl.gov/research/index.html>

The successful fellowship candidate must have

- graduate degree within the last five years in microbiology or microbial ecology
- experience or education in molecular microbiology and individual-based modeling to study the dynamics of microbial biofilm communities

This fellowship provides the successful candidate

- opportunities to interact with leading researchers in environmental sciences, ecology, computer sciences, earth sciences, and biogeochemistry
- experience at one of the premiere national laboratories

Applicants should send a letter of interest, current vitae, statement of research interests and goals, copies of transcripts, and names of three references to:

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Please reference the position title and number ORNL05-01-ESD, when corresponding about this position.

This appointment will be offered through the ORNL Postdoctoral/Postmasters Research Associates Program (<http://www.ornl.gov/orise/edu/ornl/ornl-pd/ornlpdoc.htm>). 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.