

Postdoctoral Research Associates in Biofilm Microbiology Biofuel Production

**Biosciences Division
Biological and Environmental Sciences Directorate
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL08-116-BESD

Project Description:

A postdoctoral position is available in the Biosciences Division at Oak Ridge National Laboratory for an individual with training in biofilm microbiology. The successful candidate will be responsible for designing and conducting experiments to access the spatial and temporal dynamics of microbial attachment and degradation of cellulosic biomass for production of ethanol. The candidate will join a multidisciplinary team of investigators in the Bioenergy Science Center who are applying a broad, integrated approach to develop new ways to convert biomass into biofuels.

Qualifications:

The successful candidate will have a Ph.D. degree with broad training in microbiology and molecular biology, 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 biofilms is highly desired and experience with confocal microscopy is a plus.

Technical Questions:

Questions regarding the position can be directed to Jennifer Morrell-Falvey (morrelljl1@ornl.gov).

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>. When applying for this position, please reference the position title and number. Applications will be accepted until November 1, 2008 or until the position is filled.

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 position is open to citizens or legal permanent residents of the US without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.