

Postdoctoral Position in Bioinformatics and Microbial Systems Biology

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

ORNLO8-75-BSD

Project Description:

A postdoctoral position is available in the Bioenergy Science Center at Oak Ridge National Laboratory (ORNL) <http://www.ornl.gov> for an individual with training in computational microbial genomics, proteomics and/or metabolomics.

The successful candidate will join a multi-disciplinary team of investigators that integrate experimental and computational approaches to study and improve microbial systems that can efficiently convert biomass into biofuels. Responsibilities will include annotation and analysis of genomic, transcriptomic and proteomic data as well as metabolic modeling for cultured microbes and environmental microbial communities. The position is primarily computational and will require direct interaction with experimental biologists and with software/database developers.

Qualifications: *Ph.D. degree required*

Candidates must have a Ph.D. in Bioinformatics, Genomics or related discipline. Other requirements include a strong publications record and demonstrated ability to utilize a wide range of computational tools across multiple operating systems in addressing biological questions related to microbial ecology and physiology. Ability to multitask, work with large datasets and routine script development is also necessary. Sufficient programming knowledge to modify existing software code will be a strong plus.

Required disciplines:

Life Health and Medical Sciences, Computer Sciences, Environmental and Marine Sciences
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:

For further information about the position and the projects contact Dr. Mircea Podar at podarm@ornl.gov

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>. When applying for this position, please reference the position title and number (ORNLO8-75-BSD).

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.