



**Postdoctoral Research Associate
in Gene Expression and Analysis**

**Bioenergy Science Center
Biological and Environmental Sciences Directorate
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL08-44-ESD

Project Description:

A postdoctoral position is available immediately in the Bioenergy Science Center located at the Oak Ridge National Laboratory. The successful candidate will join a multi-disciplinary team of investigators undertaking a broad, integrated approach aimed at ultimately improving feedstock chemistry to enhance the conversion of biomass to biofuels. The approaches being used in this study include bioinformatics, comparative and functional genomics, gene expression and protein interaction studies to better understand cellulose biosynthesis in plants. The postdoc will be expected to contribute to the gene expression and analysis aspect of the project.

Qualifications:

The successful candidate will have a Ph.D. degree in Molecular Biology, Biochemistry, Bioinformatics or a related field. Prior experience with gene expression techniques, microarray data analysis and pathway analysis is required. Preference will be given to candidates with experience in the use of statistical and bioinformatics analysis tools including script writing. Excellent analytical skills, written and verbal communication skills and interpersonal skills are required. 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.

Additional Information:

- Biological Science Center: <http://bioenergycenter.org>
- Biological and Environmental Sciences Directorate: <http://www.ornl.gov/sci/besd/index.shtml>

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 corresponding to ORNL regarding this position, please reference the position title and number.

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.

Closing date: The position will be open until filled