

Post-Master's Research Assistant in Gene Expression and Analysis

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

ORNL10-13-BESD

Project Description:

A post-master's research position is available immediately within 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 comparative and functional genomics, gene expression and protein interaction studies and imaging to better understand cellulose biosynthesis in plants.

Qualifications:

The successful candidate will have a Master of Science degree in Molecular Biology, Biochemistry, Plant sciences or a related field. Prior experience with gene expression, tissue fixation and sectioning, microscopy and laser-microdissection techniques is required. Excellent technical 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.

Closing date: The position will be open until filled

Technical Questions:

For additional technical information please visit:

Biological Science Center: <http://bioenergycenter.org>

Biological and Environmental Sciences Directorate: <http://www.ornl.gov/sci/besd/index.shtml>

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.