

## Research Associate/Technician in Molecular Biosciences

### Chemical Sciences Division Oak Ridge National Laboratory Oak Ridge, Tennessee

ORNL08-12-CSD

#### Project Description:

A position is available for a research associate/technician in the [Molecular Bioscience and Biotechnology Group](#) at [Oak Ridge National Laboratory](#). The successful candidate will join a multidisciplinary team that is developing multi-length scale physicochemical and modeling methods to analyze the structure of lignocellulosic biomass. The research objective is improvement of biomass conversion to bioenergy by understanding the micro- and nano-scale structure of plant-derived biomass. The candidate will be responsible for cultivation of plants and bacteria, purification of hydrolytic enzymes, and preparation of biomass for analysis by high resolution methods including atomic force microscopy, neutron and X-ray scattering.

#### Qualifications:

Applicants must have completed a M.S. or B.S. degree in biology, biochemistry, wood chemistry or a related discipline with relevant knowledge and experience. 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:

- Chemical Sciences Division: <http://www.ornl.gov/sci/csd/>
- Molecular Bioscience and Biotechnology Group: [http://www.ornl.gov/sci/csd/Research\\_areas/MBB\\_group.html](http://www.ornl.gov/sci/csd/Research_areas/MBB_group.html)

#### How to Apply:

Qualified applicants may apply online at [https://www2.ornl.gov/ORNL\\_POST/](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 (ORNL08-12-CSD).

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.