

Post Masters Research Associate for Nanoscale Science and Devices Group

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

ORNLO9-111-BSD

Project Description:

The Nanoscale Science and Devices Group of the Biosciences Division at the Oak Ridge National Laboratory is seeking a qualified candidate to fill a Post-Masters position. The successful candidate will work in a group setting to develop a device for standoff detection of chemical residues. Working with trace chemicals, the experiments will be conducted using quantum cascade laser spectroscopy. Duties include experiment design, data collection and data analysis. The work will also involve field demonstrations.

Qualifications:

A masters degree in chemistry or closely related field. Experience with surface science and surface characterization techniques is essential. Should have experience with instrument design. Masters degree in chemistry or chemical engineering is preferred. Only US citizens will be considered for this position.

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 more information about this position please contact: Thomas Thundat, e-mail: thundattg@ornl.gov. Please reference the position title and number when corresponding about this position.

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>.

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.