

**Postdoctoral Research Associates in
Materials Processing**

**Materials Processing Group
Materials Science & Technology Division
Physical Sciences Directorate
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNLO9-29-MSTD

Project Description:

The Materials Processing Group in the Materials Science and Technology Division at Oak Ridge National Laboratory has an immediate opening for a post-doctoral research associate position. A strong background in semiconductor materials characterization is desired, as well as experience with second generation photovoltaics fabrication and characterization. The position will involve innovative thermal processing methods for bulk and thin film semiconductor materials associated with photovoltaics, thin film transistors, LEDs and other thin film systems. Background in rapid thermal processing of bulk and thin film materials is desired. The candidate will assist in the newly established thin film characterization facility and a background in thin film and photovoltaic characterization equipment is needed. The person in this position will be expected to conduct research in the above areas and interface with other researchers in the characterization of these materials.

Qualifications: The candidate must have a Ph.D. in Electrical Engineering, Materials Science, Physics, or equivalent 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. U.S. citizenship or capability to achieve legal permanent resident status at initiation of the assignment is required.

Technical Questions:

Contact Chad Duty at dutyc@ornl.gov. Please reference the position title and number when corresponding about this position.

How to Apply:

Qualified applicants must apply online at <https://www2.ornl.gov/ORNLPDPM/>. 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.

The postdoctoral position will be offered through the Oak Ridge Institute for Science and Education (ORISE) Oak Ridge National Laboratory Postdoctoral Research Associates program <http://www.ornl.gov/orise/edu/ornl/ornl-pd/ornlpdoc.htm>. These positions is open to all qualified candidates without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.