

## **Postdoctoral Research Associate in Synthesis of Catalysts**

### **Nanomaterials Chemistry Group**

**Chemical Sciences Division  
Physical Sciences Directorate  
Oak Ridge National Laboratory  
Oak Ridge, Tennessee**

**ORNLO9-66-CSD**

#### **Project Description:**

The Nanomaterials Chemistry Group of Chemical Sciences Division (CSD) at the Oak Ridge National Laboratory invites applications in the area of inorganic synthesis of functional nanomaterials for catalysis investigation. The candidate will perform research in the area of synthesis and characterization of nanocrystals and porous materials with controlled morphologies through various synthesis techniques (reverse micelle methods, template synthesis, atomic layer deposition, and surface sol-gel method). The Nanomaterials Chemistry Group is equipped with a wide range of specialized tools for synthesis and characterization of novel functional materials and assemblies.

#### **Qualifications:**

We are seeking candidates with experience in inorganic synthesis and characterization of functional nanomaterials. This position requires a Ph.D. in Chemistry or related field. Excellent oral and written communication skills are required, and presentations and publication of scientific results in peer-reviewed journals are expected. The candidate must have the ability to work in a team and interact effectively with a broad range of colleagues. Demonstrated ability to communicate in English to an international scientific audience is essential.

Applicants cannot have received the most recent degree more than five years prior to the date of application appointment and must complete all degree requirements before starting their appointment.

#### **Technical Question:**

For more information about this position please contact Shenga Dai ([dais@ornl.gov](mailto:dais@ornl.gov)). Please reference this position title in your correspondence.

#### **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/orni-pdpm/application.htm>. When applying for this position, please reference the position title and number.

NOTE: Applications will be accepted until May 12, 2009 or until the position is filled.

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.