

## **FIRST Fellows Program**

### **Postdoctoral Research Associate Position: Synthesis and Characterization of Functional Porous Materials**

**Energy Frontier Research Center  
Oak Ridge National Laboratory  
Oak Ridge, Tennessee**

#### **FIRST-03-ORNL**

#### **Project Description:**

A new Energy Frontier Research Center for the study of Fluid Interface Reactions, Structure and Transport (FIRST) at [Oak Ridge National Laboratory](#) is seeking a post-doctoral associate to work on a research project in the area of synthesis and characterization of functional porous materials with controlled morphologies through various synthesis techniques. Surface functionalization techniques via inorganic or organic synthesis methodologies will be extensively used to tune interfacial properties of carbon materials. Chemical Sciences Division at Oak Ridge National Laboratory 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 and must complete all degree requirements before starting their appointment.

#### **Technical Contact:**

Questions regarding the position can be directed to Dr. Sheng Dai, [dais@ornl.gov](mailto:dais@ornl.gov). Please reference this position title in your correspondence.

#### **How to Apply:**

Qualified applicants must 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.

NOTE: Applications will be accepted until Sept. 24, 2009 or until the position is filled.

This appointment is offered through the ORNL FIRST Fellows 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.