

## **Thermochemical Measurements and Modeling**

### **Materials Science and Technology Division Oak Ridge National Laboratory Oak Ridge, Tennessee**

#### **Project Description:**

The Materials Science and Technology Division at Oak Ridge National Laboratory (ORNL) is seeking a postdoctoral fellow to perform research involving thermochemical modeling and measurements for nuclear fuel systems and other high temperature applications. The work will include understanding and analyzing existing thermochemical data for complex, multicomponent systems and constructing models and databases for use with thermochemical computational software. It will also involve experimental efforts to measure thermochemical properties, with some work potentially using radioactive materials.

#### **Qualifications:**

This position requires a Ph.D. in chemistry, materials science or metallurgical science.

#### **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 (ORNL07-30-MSTD).

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 who currently work in the U.S and are available for interview, without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.