

**Postdoctoral Fellow in Materials Science**  
**Materials Science and Technology Division**  
**Oak Ridge National Laboratory**  
**Oak Ridge, Tennessee**

ORNL07-80-MSTD

**Project Description:**

Postdoctoral fellow sought to use first principles and first principles based methods to understand materials properties with particular emphasis on transport and dynamics, and thermal and thermoelectric properties such as thermal conductivity and mechanisms for thermal conductivity reduction, thermoelectric power, and electron-phonon coupling.

**Qualifications: Ph.D. degree required in physics or other physical sciences.**

**Experience in the use of first principles methods for materials desired.**

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.

**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 (ORNL07-80-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 without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.