

Postdoctoral Research Associate in Nuclear Materials Science and Technology

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

ORNL08-48-MSTD

Project Description:

One postdoctoral associate position is available in the area of experimental materials science and technology for nuclear applications. The research emphases will be effects of neutron irradiation on mechanical properties and microstructural evolutions in engineering ceramics, ceramic composites, and metallic alloys for advanced nuclear fission and fusion energy applications. The successful applicant should have a strong interest in nuclear materials and be capable of innovative and independent research in this area. The applicant will also be responsible for helping operation of the facility for post-irradiation examination of low-activation materials.

Qualifications:

The successful candidate must have a Ph.D. in Materials Science/Engineering or equivalent at the time of appointment. The position requires hands-on experience in mechanical properties evaluation and transmission electron microscopy.

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.

Additional Information:

- Nuclear Materials Science and Technology Group may be obtained at <http://www.ms.ornl.gov/NMST/index.shtml>

How to Apply:

Qualified applicants may apply online at 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 corresponding to ORNL regarding this position, please reference the position title and number.

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.