

Neutron Scattering Postdoctoral Research Fellow

Neutron Scattering Sciences Division Oak Ridge National Laboratory Oak Ridge, Tennessee

ORNL07-82-NSSD

Project Description:

Responsibilities include conducting scientific research using neutron scattering as a primary research tool, which will promote and support the use of the Macromolecular diffractometer (MaNDi) at the Spallation Neutron Source (SNS).

- Over_expression and purification of target recombinant proteins for neutron diffraction studies

- Collaborate with scientists in Oak Ridge National Laboratory and other research institutions to fabricate samples for neutron scattering experiments

- Travel to other neutron sources to execute neutron scattering experiments and analyze the experimental data

- Publish research results in scientific journals

- Assist MaNDi instrument scientist and the design team to ensure that the design meets the user community requirements

Qualifications: Ph.D. degree required in other physical sciences

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/. 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 (ORNL07-82-NSSD).

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.