

Postdoctoral Research Associates in Organic Synthesis

Center for Nanophase Materials Sciences Oak Ridge National Laboratory Oak Ridge, Tennessee

ORNL08-57-CNMS

Project Description:

The Center for Nanophase Materials Sciences (CNMS) at Oak Ridge National Laboratory (ORNL) is seeking to fill a postdoctoral position in the field of **organic synthesis**. The applicant will conduct research involving general organic synthesis of novel molecules, oligomers, dendrimers and deuterated monomers on collaborative projects with researchers from the Spallation Neutron Source and the Center for Nanophase Materials Sciences. The CNMS (<http://cnms.ornl.gov/>) is a nanoscience user research facility supported by the Office of Science, U.S. Department of Energy. The CNMS has a diverse spectrum of nanoscience research activities including a nanofabrication facility; laboratory-based research on macromolecular materials, catalysts, and functional nanomaterials; characterization with electron microscopes, scanning probes, and x-ray diffraction and scattering; and theory, modeling, and simulation.

Qualifications:

This position requires a Ph.D. in Chemistry, with specialization in organic synthesis and characterization. Experience in polymer chemistry and dendrimer synthesis is desired. The successful candidate should be motivated, safety conscious and have superior laboratory skills. Excellent oral and written communication skills are required. The successful candidate will have presented research at technical meetings and have publications in peer-reviewed journals. The applicant must have the ability to work in a team and interact effectively with a broad range of colleagues. Demonstrated 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.

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. Questions regarding the position can be directed to Dr. Kunlun Hong (hongkq@ornl.gov). Applications will be accepted until March 14, 2008 or until the position is filled.

This appointment is offered through the ORNL Postgraduate Research Participation 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.