

Postdoctoral Research Associate in Organic Photovoltaic Materials Characterization

**Chemical Sciences Division
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL10-74-CSD

Project Description:

In response to the increasing global demand for clean, renewable energy, Oak Ridge National Laboratory (ORNL) is investing in solar energy research, including organic photovoltaic materials. The Chemical Sciences Division of ORNL in partnership with the Center for Nanophase Materials Science (CNMS) has an immediate opening for a Post-Doctoral Research Associate in the physical characterization of organic photovoltaic materials. The successful candidate will join a multidisciplinary research team with expertise spanning chemistry, physics and the neutron sciences to investigate novel organic photovoltaic materials using neutron scattering and spectroscopic techniques.

Qualifications:

A Ph.D. completed within the last 5 years in physics, chemistry, physical chemistry or another physical science is required. Research experience with physical and functional characterization of photovoltaic materials, such as with spectroscopic techniques, is required. Previous experience in applying either neutron or X-ray scattering to the study of polymeric materials is highly desirable. The candidate should be self-motivated, have good interpersonal, communication and presentation skills and a demonstrated ability to interact effectively with staff at all levels. The ability to work as a member of a multi-disciplinary team is a critical asset for a successful candidate to possess.

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. Applications will be accepted until the position is filled.

Technical Questions:

Questions regarding the position can be directed to William Heller at hellerwt@ornl.gov. Please include the requisition number and title when corresponding.

How to Apply:

Qualified applicants must 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>.

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.