



**Postdoctoral Research Position  
Center for Nanophase Materials Sciences  
Oak Ridge National Laboratory  
Oak Ridge, Tennessee**

ORNL08-28-CNMS

**Project Description:**

The Center for Nanophase Materials Sciences (CNMS) at Oak Ridge National Laboratory is currently seeking a recent Ph.D. graduate as a postdoctoral research fellow to participate in active research projects at the nanoscience/biological sciences boundary. In particular this research focuses on understanding strategies used in complex biological systems and applying similar strategies to synthetic (non-biological) nanoscale systems.

**Qualifications:**

The successful candidate must have a Ph.D. degree. This position requires experience in analysis, modeling, and simulation of complex stochastic systems, as well as hands-on experimental experience working with complex systems. The successful candidate will both participate in active CNMS user projects and develop in-house research directions. Excellent oral and written communication skills are required, and presentations and publication of scientific results in peer-reviewed journals are expected. The applicant must have the ability to work in a team and interact effectively with a broad range of colleagues. Demonstrated ability to communicate in English to an international scientific audience is essential. The CNMS, one of the five DOE nanoscience research centers, offers a highly collaborative atmosphere and world-class computational facilities.

**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 number ORNL08-28-CNMS.

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.