

Postdoctoral Research Associate in Quantum Transport in Mesoscale Devices

**Computer Science and Mathematics Division
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL10-18-CSMD

Project Description:

The Computational Chemical Science Group is opening a postdoctoral associate position in the area of quantum transport in mesoscale devices. The position will consist of studying physical processes in various molecular geometries, including the effect of inelastic transport, and the implication on the understanding of image formation in scanning probe microscopy measurements.

Qualifications:

The position is open to researchers with a Ph.D. in physics and chemistry or related fields. Applicants without any solid computational background will not be considered. 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.

Technical Questions:

Questions regarding the position can be directed to Vincent Meunier at meunierv@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.