

Postdoctoral Associate in Fueling Research in Magnetized Fusion Plasmas

**Fusion Energy/Energy and Engineering Sciences
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL08-09-FED

Project Description:

The ORNL Magnetic Fusion Experimental Program carries out research on fueling and edge physics in magnetically confined fusion plasmas. Research topics include pellet plasma interactions, pellet mass deposition, edge localized mode interactions, and particle transport. The position would involve experimental research using ORNL developed pellet injection technology to contribute significantly to research in all of these topics.

Qualifications: Ph.D. degree required

A Ph.D. in physics or engineering is required. 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.

Additional Information:

- Fusion Energy Division: <http://www.ornl.gov/sci/fed/>
- Experimental Plasma Physics Group:
<http://www.ornl.gov/sci/fed/Confinement/conf.htm>

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 (ORNL08-09-FED).

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.