

Post Master's or Postdoctoral Research Associate in Bioenergy Supply Chain Analysis

**Computer Science and Engineering Division
Computer and Computational Sciences Directorate
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL09-70-CSED

Project Description:

The Geographic Information Science and Technology (GIST) Group at the Computational Sciences and Engineering Division (CSED) is looking for Postmasters or Postdoctoral staff to work on analyzing aspects of bioenergy supply chain with emphasis on the connectivity between production locations, distribution networks, and consumer demand centers. The work will involve data collection, input, and validation, as well as modeling and simulation of the bioenergy supply chain.

The selected candidate will be involved in:

- acquisition of data relevant to bioenergy supply and distribution
- data input and validation
- GIS and statistical analysis of the bioenergy supply chain
- writing position papers, policy analyses, and conference and journal articles emphasizing the project's research contributions

Qualifications:

Master's or Ph.D. degree is required. The successful candidate is expected to have completed a master's or doctorate in geography, economics, operations research, or civil/industrial/transportation engineering. This person should have familiarity with a programming languages such as C, C++, or Java. A good working knowledge of Matlab, Stata, SAS and/or R is especially helpful, as is familiarity with GIS programs. such as Arc or GRASS. Very good communication skills in English are required.

Applicants cannot have received the most recent degree more than five years prior to the date of application appointment and must complete all degree requirements before starting their appointment.

Technical Questions:

Contact Steven Peterson at petersonsk@ornl.gov . Please reference the position title and number when corresponding about this position.

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.

This appointment is offered through the ORNL Postgraduate Research Associates Program and is administered by Oak Ridge Associated Universities (ORAU). This appointment is open to all qualified 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.