

Postdoctoral Research Associates in the Intelligence Community

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

ORNL08-103-CSED

Project Description:

The Computational Sciences and Engineering Division of the Oak Ridge National Laboratory is seeking a candidate for a Director of National Intelligence Post Doctoral Research Fellow. This is a two year post doctoral research position in novel applications of optimization theory to deep social network analysis. The resulting research products will have direct application to the Intelligence Community and will help enhance our National security. Research will be conducted with a mentor at Oak Ridge National Laboratory.

This is a two year position however; exceptional individuals may be offered further employment with ORNL.

Qualifications:

Candidates must have a Ph.D. in Computer Science, Operations Research, Applied Mathematics or a related discipline. Candidates with a Ph.D. in a social science with a strong background in quantitative analysis (such as Mathematical Psychology) will also be considered.

The ideal candidate will have experience with linear and non-linear optimization (modeling and solution in large-scale systems) or automated text analysis methods (Latent Semantic Indexing, Latent Dirichlet Analysis etc.). Research will focus on the applications of these methods to the deep analysis of social networks, social pattern discovery and automated role detection theory.

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.

Note: U.S. citizenship is required.

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 Postdoctoral 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.