Research Internships in Geographic Information Science

Geographic Information Science and Technology Group
Computational Sciences and Engineering Division
Oak Ridge National Laboratory
Oak Ridge, Tennessee

The Geographic Information Science and Technology (GIST) Group at the Oak Ridge National Laboratory is currently searching for multiple research interns in population distribution and dynamics, critical infrastructure data modeling, earth science informatics, and energy infrastructure modeling. Appointments range from 10 week summer terms to 12 month appointments which are subject to renewal upon funding availability and job performance.

The GIST group has been a pioneer in the development, implementation, and application of systems, science, and technology for geographic information since 1969. Today, the GIST group is an internationally renowned R&D organization of over thirty diverse scientific professionals who bring together a wide range of expertise ranging from GIS and remote sensing technologies to key domain sciences. We focus on developing innovative, knowledge discovery, solutions to solve multidisciplinary and complex problems for energy, environment, and national and homeland security missions. More information on GIST research areas can be found at http://www.ornl.gov/gist.

Education, Experience, and Skills Required:

GIST is looking for candidates who are currently enrolled in undergraduate and graduate academic programs or have recently completed their Bachelor, Master or Ph.D. degrees in one or more of the following fields:

• Geographical science	• Remote sensing	• Computer science
• Engineering and Energy science	• Cultural anthropology	• Earth sciences
• Demography	• Transportation science	• Information science

Successful candidates should have strong understanding of spatial concepts and experience with GIS software. Skills in the following general areas are also sought:

• Spatial data development	• Spatial statistics	• Programming
• Spatial analysis	• Imagery/Remote Sensing	• Spatial databases
• Machine vision	• Software development	• Data mining

To apply, please forward resume or CV to Lisa Gorman, **gormanlw@ornl.gov**.

For more information about the GIST Group, please visit http://www.ornl.gov/gist/.

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