

## Post-B.S. or Higher Research Internship in Geographic Information Science

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

### Project Description

The Geographic Information Science and Technology (GIST) Group at the Computational Sciences and Engineering Division (CSED) is looking for post-B.S. and higher interns to support spatial research initiatives with special emphasis in spatio-temporal population and social dynamics modeling and simulation. The work will include data collection, input, quality assurance, multi-resolution data analysis and fusion, and verification and validation. There will also be opportunity in the development and implementation of novel population distribution and dynamics models to include temporal, demographic and cultural characterizations. Opportunities for publications and presentations of research in professional journals and to the scientific community will be available and we strongly encourage participation. Appointments typically range from three months to one year subject to renewal upon availability and job performance.

### Education, Experience, and Skills Required:

- Bachelor, Master or PhD in geography, demography, geospatial science or a closely related discipline with exposure to working with digital spatial data and imagery.
- Experience with GIS principles and analytical techniques, data management, and visualization.
- Experience with commercial GIS (ESRI products including ArcInfo, ArcView, ArcGIS) is required.
- Excellent communication (oral and writing), organization, and decision-making skills. Strong interpersonal skills and working effectively as a team member are essential.

**Contact person:** Contact Marie Urban, [urbanml@ornl.gov](mailto:urbanml@ornl.gov), for any technical questions.

**How to apply:** This appointment is offered through the ORNL Postdoctoral and Post-Master's 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.

For Post Bachelor: <https://www.zintellelect.com/Posting/Details/354>

For Post Master: <https://www.zintellelect.com/Posting/Details/433>

**All positions will be posted for a minimum of five business days.**

**For more information on career opportunities, please visit <https://jobs.ornl.gov>**

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