

# GEOGRAPHIC INFORMATION SCIENTISTS

## Graduate Research Assistantship

### Available at West Virginia University

The West Virginia GIS Technical Center (<http://www.wvgis.wvu.edu>), housed in the Department of Geology and Geography at West Virginia University, is seeking **two graduate research assistant** at the Masters or Ph.D. level, specializing in Geographic Information Science. At a minimum, applicants should have an undergraduate degree in Geography, Geology, Computer Science or related field, or a combination of education, training and experience, which demonstrates the qualification and ability to perform the duties of the position. Successful applicants will work toward a higher degree in GIS Science.

**Position Requirements:** 20 hours/week and possible full-time employment during the summer. Hours are flexible to accommodate class schedule. Assistantships include a full tuition waiver. Stipends at the MA and PhD levels are competitive nationally.

**Start Date:** Start date is typically August, but other dates may be arranged.

**Application Deadline:** Priority will be given to applications received by January 1, 2019 for fall admission. You must apply through the WVU Office of Admissions and Records <http://apply.wvu.edu/>. Review of applicants by the Department for entry into the graduate program and WV GIS Technical Center for the assistantship will begin upon completed submission to WVU admissions.

#### Minimum Qualifications:

- Must meet the graduate student entrance qualifications of the Geology & Geography Department.
- Ability to conduct research in Geographic Information Science and present findings.
- Advanced working knowledge of spatial analysis and/or GIS databases.
- Accepted into MA or Ph.D. program in the WVU Department of Geology and Geography. For application requirements, see <http://pages.geo.wvu.edu/geog-grad/graduate-admissions-3>.

#### Ideal Qualifications:

- GIS Research: Demonstrated ability to conduct GIS research.
- Programming Skills: Demonstrated knowledge of GIS programming languages, application development/implementation, mobile applications, and online mapping services.
- Minimal Supervision: Ability to work independently with minimal supervision
- Communications Skills: Strong communication and interpersonal skills with the ability to interact with other staff members.

#### Application:

- Submit a formal application to WVU and the Geography Graduate Studies Coordinator. For instructions, see <http://pages.geo.wvu.edu/geog-grad/graduate-admissions-3/apply>
- In your Statement of Interest to the Graduate Studies Coordinator, express your desire to work at the WV GIS Technical Center.
- **In addition**, interested candidates should email their resume and cover letter to Kurt Donaldson, Manager, WV GIS Technical Center, email: [Kurt.Donaldson@mail.wvu.edu](mailto:Kurt.Donaldson@mail.wvu.edu). If possible, please provide links to previous research projects and contributions to successful GIS applications.
- Contact Dr. Trevor Harris Co-Director ([Trevor.Harris@mail.wvu.edu](mailto:Trevor.Harris@mail.wvu.edu)) for further academic information.