

**Shippensburg University**  
**Research Analyst for Delaware River Basin Grant**

Shippensburg University is currently accepting applications for a full-time Research Analyst to work with the William Penn Foundation Delaware River Basin Grant. This is a grant-funded position which is slated to begin in February or March of this year with an expected duration until December 23, 2016. Annual salary is \$45,027 including an extensive benefits package.

This position will support the grant entitled “A land cover mapping, modeling, and monitoring system for the Delaware River Basin (DRB) in support of maintaining and restoring water resources.” The project, which addresses the need for watershed-wide planning and coordinated restoration for the DRB has three related components: high resolution Lidar-based land cover mapping; development of a basin-wide land cover modeling tool, and a feasibility study for long-term land cover change monitoring.

The Research Analyst serves as the primary support staff for the scientific work related to land change modeling and will be the critical bridge between the University and the USGS, a key project partner. The Analyst will contribute to outreach and reporting activities.

Shippensburg University employees value teamwork and collaboration, are dependable, take initiative, solve problems effectively, communicate clearly and support organizational change. University employees may work closely with individuals of diverse backgrounds and race, as well as those of differing religious affiliations, sexual orientation and gender. They must possess good interpersonal skills and be able to communicate effectively with all members of the campus community, project team members, regional partners and program stakeholders at all levels.

Qualified candidates will have a Master’s Degree in geography or a related discipline or a Bachelor’s Degree in geography or a related discipline and three years of professional experience in a GIS-related field or a combination of professional experience and graduate level coursework. Candidates should have expertise with GIS, some programming, and spatial or computational modeling. Experience working with a grant-funded program or supporting a similar project is preferred. Occasional travel to the study area will be required. Successful performance in an on-campus or video-based interview is also required.

Shippensburg University is a predominantly undergraduate institution, with roughly 6,000 undergraduates and 1,000 graduate students. The Geography-Earth Science Department, where this position will be housed, has a complement of 15 faculty, and roughly 200 undergraduate majors and 50 Masters students. The department specializes in physical geography, watershed science, land use, and GIS. Shippensburg, PA is a small town (2013 population 5,545) with a cost of living that is just less than the national average, and it is close to many outdoor recreational opportunities. It is centrally located in the Cumberland Valley within the Mid-Atlantic region, with easy access to I-81 and the Pennsylvania Turnpike (I-76). The major metropolitan centers of Washington, DC, Baltimore, MD, and Philadelphia, PA are all within a 1.5 – 2.5 hour drive.

For full consideration all candidates must apply online at <https://jobs.ship.edu> by February 4, 2015 with acceptance of materials continuing until the position is filled. Materials submitted in other formats including paper documents will not be considered. All applications and inquiries will remain confidential.

Shippensburg University is an Equal Opportunity Employer. Individuals from traditionally underrepresented populations are encouraged to apply.