

**Job Title:** GIS Technician

**Compensation:** \$20.19 per hour, full-time

**Employer:** United States Geological Survey (USGS)

**Location:** National Wetland Research Center in Lafayette, LA, USA

**Deadline:** Application review begins 11/1/2014 and will continue until filled.

**Duration:** Initial appointment is from 1/1/2015 to 9/30/2015, with an extension to 9/30/2016 given satisfactory performance.

**Job Description:** The USGS is hiring a BA/BS student to provide GIS support on a landscape conservation project that is identifying Gulf of Mexico coastal restoration priorities (Project Website: <http://goo.gl/pAs4p2>). Gulf Coast restoration efforts hinge on partners sharing a common conservation vision, which requires establishing population objectives for target species and developing decision-aiding tools that inform conservation strategies designed to meet those objectives. Therefore, the USGS, U.S. Fish and Wildlife Service, Gulf Coast Landscape Conservation Cooperatives, and other partners are working together to (1) establish population objectives for a common suite of species that represent sustainable Gulf Coast habitats and (2) develop Bayesian Network models that project population objective responses to habitat characteristics that can be considered in restoration projects. Working with USGS researchers and our partners, this student will be responsible for providing geospatial support to characterize, assess, and map the physical and biological environment of the Gulf Coast of Mexico at multiple scales. Work is primarily long-hours working at a computer, with potential travel to meet with partners. This job is great opportunity for students interested in gaining geospatial data collection, processing, and analysis experience while interacting with a multi-disciplinary team of researchers and wildlife managers focused on landscape conservation design.

**Qualifications:** Graduated with a BA/BS degree within 1 year prior to the start date. The ideal candidate has superior academic achievement in the following areas: geospatial data collection, management, and metadata preparation; geospatial data analysis; figure and table preparation; and verbal and written communication of results. It is essential that the student can work collaboratively as part of a team.

**To Apply:** Please email the following information, preferably in PDF file format, to the Project Manager, with the subject line: Student Research Opportunity

- (1) A resume or CV (include a coursework list and degree dates)
- (2) Contact information for three professional references
- (3) A sample of your writing (for example, a class paper or writing assignment)
- (4) A sample of your geospatial-focused report or product.

**Project Manager:**

James Cronin

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