



2011 Internship *GIS/GPS*

Background

The GIS branch of the Division of Resource Management at Gateway National Recreation Area manages the geospatial data for the entire park. This includes park planning, natural and cultural resources, facilities management, visitor protection and safety, and interpretation. All areas undergo constant change and require mapping and analysis to make informed management decisions.

Description

Flexible 10 – 40 hour per week internship will combine field and office assignments to include:

- Basic display and analysis of spatial data using ArcGIS 10
- Field checks and data base updates to the park's core GIS layers
- Field data collection using Trimble Geo XT (2008) w/ Terrasync
- Shoreline surveys using a Trimble RTK Survey Grade GPS
- Learn and apply NPS data collection and development standards
- Interaction and information sharing with park visitors
- Research and monitoring involving use of vehicles or watercraft
- Collaborative work with divisions of Interpretation and Enforcement
- Cooperative work with other federal, state and city agencies
- Final report and presentation summarizing completed work

Requirements

- Knowledge of GIS systems and GPS equipment
- Capability with computer software (ArcGIS, Pathfinder, Office)
- Ability to walk long distances on uneven terrain
- Valid Driver's License

Related Classes

GIS/GPS Systems, Geography, Environmental Studies, Urban Studies/Planning

Location

Gateway National Recreation Area (Jamaica Bay, Staten Island, Sandy Hook)

To apply

Send letter of interest and resume to:
National Parks of New York Harbor Education Center
Attn: Sheridan. Roberts, Internship Coordinator
210 New York Avenue
Staten Island, New York 10305

Email: sheridan_roberts@nps.gov