

GIS Mapping Coordinator

McLean Game Refuge

About the Game Refuge:

The McLean Game Refuge is a 4,415-acre wildlife sanctuary in north-central Connecticut. It was established in 1932 by former CT Governor and US Senator, George McLean on his private hunting reserve at the time of his death. Our work here focuses on managing a diverse array of habitats to support hundreds of plant and animal species, many of which are regionally threatened by habitat loss, invasive species, and climate change. Within our vast forests, we provide 27 miles of forest roads and hiking trails for the public to hike, snowshoe, and cross-country ski.

Position Summary:

The McLean Game Refuge is searching for a GIS Mapping Coordinator to oversee all geospatial activities for the summer of 2020. Under the direction of the Game Refuge Director, the GIS Mapping Coordinator will work with the Summer Forest Rangers and any coordinating scientists to collect data and produce a series of maps related to land use, wildlife habitat, public recreation, land management plans, and various other similar projects.

Other tasks will include collecting GPS data in the field and producing printed and pdf maps to support ongoing management activities, such as invasive species removal.

Applicants must be a current undergraduate or graduate student pursuing a course of study in geography, GIS, forestry, environmental studies, outdoor recreation, or other related field. This position is designed as an internship to provide professional and leadership skills for a future career in an environmental geospatial field. This is a 10-week program beginning the first week of June and concluding in August. There will be a two-week recess at the end of June, details TBD.

Duties:

- Collect geospatial data in the field using GPS device and/or smartphone application
- Create geospatial data through digitization
- Instruct Forest Rangers in geospatial data collection and regularly work with them to complete tasks
- Maintain ArcGIS database on shared drive
- Produce maps using ArcGIS to support all activities of the Game Refuge
- Work independently and regularly check in with Game Refuge Director
- Interact with visitors in the Game Refuge, providing information and help as needed
- Clean and maintain office and equipment with Forest Crew
- Perform other similar activities as required by the Game Refuge Director

Additional Requirements:

- Arrive on time and consistently and clearly communicate with Game Refuge Director about work scheduling
- Maintain a courteous and professional demeanor

- Come to work prepared with appropriate tools, equipment, and attire (boots and long pants must be worn at all times in the field)

Experience/Education:

- Applicants must have completed or be pursuing a bachelor's or master's degree in geography, GIS, forestry, environmental studies, outdoor recreation, or other related field
- Applicants must have advanced experience using ArcGIS to produce maps
- Applicants must have demonstrated experience collecting GIS data in the field using handheld GPS devices and smartphone applications and converting that data into usable shapefiles
- Applicants must have demonstrated experience working independently and meeting project deadlines
- This position requires full range of body motion. Ability to lift and carry items weighing 50 pound or more, often combined with bending and turning. Requires manual dexterity and eye-hand coordination. Requires corrected vision and hearing within normal limits. Requires ability to hike 5 – 10 miles. Requires the use of hand tools

Application Materials:

- Resume
- Cover Letter: One-page statement explaining why the applicant is interested in this position, how it will help him/her with professional goals, and why s/he feels qualified
- Cartography sample
- Applicants must submit their materials to Jody Smith at employment@mcleancares.org by April 24

Compensation:

- Hourly wage will be commensurate with qualifications and experience