**Title of Position:** SENRS - Field Collections Assistant – Road Ecology

**Division/Department:** SENRS

**Job Duties:**

Road mortality is a significant threat to amphibian and reptile populations adjacent to roads yet protocols for identification of road mortality hot spots are not standardized. The purpose of this research is to identify road mortality hot spots for species at risk in Kawartha Highlands Signature Site Park and Queen Elizabeth II Wildlands Provincial Park, develop a standardized protocol, and produce a GIS landscape based predictive model that will assist planners in the identification of potential road mortality hot spots in central Ontario.

You will:

- Assist with field collection and preparation of specimens which includes:

 - assist with the location of road killed birds, mammals, reptiles and amphibians

 - assist with field observations and assessment of habitat

 - assist with marking individuals for mark-recapture studies

- Collect, record, enter and verify all field data which includes:

 - Collect habitat data for use in GIS modeling

 - Collect locality data for all specimens observed

- Collecting will take place from a variety of locations throughout the summer.

**Qualifications**

• Knowledge of correct identification of Ontario vertebrates – birds, mammals, amphibians & reptiles

• Experience and ability to work safely in a variety of field settings and conditions

• Physical conditioning and stamina to work in difficult and remote field locations

• Accurate note-taking ability including knowledge of proper data collection and the importance of data integrity

• Knowledge of basic GPS operation

• Understanding of habitat variables such as slope, aspect, and ground cover

• Computer skills are required including experience using Excel and Microsoft Access

• Willing to work some weekends

• Must have own means of transportation

• Experience handling lizards, turtles, and snakes in the field is required

• Previous field research experience preferred

**Additional Information ie special equipment or travel**