

JOE PEARSON

ADDRESS

R.R. #1
Ethel, ON
NOG 1TO
(519) 887-6947
e-mail: josephpearson@trentu.ca

EDUCATION

September 2005-April 2007

Trent University
Peterborough, Ontario

Honours Bachelor of Science in Biology- Degree Granted

Transfer into Third Year of a Four Year Program

Areas of study include: Population ecology, invertebrate biology, vertebrate zoology, fish ecology, cell biology, conservation biology, behavioural ecology, current issues in biology, chemistry, ornithology, animal physiology, biology of insects, evolution, plant ecology, probability and statistics, biology of invasions, marine ecology, fisheries assessment and management, and biology of algae and cyanobacteria.

September 2004-2005

Sir Sandford Fleming College,
School of Environmental and Natural Resource Sciences
Lindsay, Ontario

Fish and Wildlife Technology Diploma Granted

Areas of study include: Introduction to vector GIS, applied GIS, limnology, waterfowl management, big game and fur management, environmental monitoring, marine resource management, integrated habitat management, environmental assessment, and environmental analysis techniques.

September 2002-2004

Sir Sandford Fleming College,
School of Environmental and Natural Resource Sciences
Lindsay, Ontario

Fish and Wildlife Technician Diploma Granted

Areas of study include: Technical writing and reporting, fish and wildlife principles and practices, fish and wildlife techniques, surveying and air photo interpretation, mapping, trees and shrubs of Ontario, geology, environmental issues, human relations, animal pathology, wildlife, fisheries management, natural resources and the law, statistics, ecology and the environment, limnology, vertebrate biology, industrial processes, animal behavior, introduction to databases and spreadsheets, and forest science.

These courses support the standards and practices defined by the North American Wildlife Technologist Association.

1997-2002

Listowel District Secondary School
Listowel, Ontario

Ontario Secondary School Diploma

WORK EXPERIENCE

2006 & 2007 (summer)

Parks Canada,
Trent-Severn Waterway
Peterborough, ON

ECOLOGICAL RESEARCHER

- **Ecological Land Classification**
 - ELC sampling of forests and wetlands within 5km of the Trent-Severn Waterway, from Trenton on Lake Ontario to Port Severn on Georgian Bay
 - Mapping of ELC plots using Trimble GPS equipped with Arcpad GIS Software
 - Navigation using map, compass, and Garmin and Trimble GPS
 - Strong ability to identify forest and wetland vegetation
 - Ability to classify soils using soil augers and test pits
 - Interpretation of air photos and orthophotography
- **Species at Risk Monitoring**
 - Identification of species (flora and fauna) recorded under the Species at Risk Act (SARA)
 - Mapping of Species At Risk using Trimble GPS equipped with Arcpad GIS

- **Data management**

- Organization of all data gathered during forest and wetland ELC sampling and Species at risk monitoring
- Transfer of data from Trimble GPS onto desktop computer

2006 and 2007 (part-time)

Paul Heydon Biological Consulting (part-time)

ECOLOGICAL RESEARCHER

- Ecological research for Species at Risk (Engelmann's quillwort) in Muskoka
 - Mapping of species at risk location using Trimble GPS with Arcpad GIS
 - Forest sampling of shoreline vegetation and soils adjacent to Species at Risk locations

2005 (Summer)

Deitrich and Deitrich Construction

- Construction of barns
- Concrete worker

2004 & 2005

Friends of Hullet

Hullet Provincial Wildlife Area, Clinton ON

- Two, two-week co-op work placements
- Daily care of 1500 pheasants
- Feeding waterfowl sanctuaries
- Forest and wildlife habitat inventory
- Maintenance of marsh area
- Wood duck and blue bird nesting box inventory

COURSES AND CERTIFICATES

- Ecological Land Classification (ELC) Course Completion (MNR 2006 & 2007)
- Southern Ontario Wetland Evaluation Course Completion
- Electro-fishing Certificate (Backpack Crew Leader 2nd Class)
- St. John's Ambulance C.P.R. and First Aid Certification
- Ontario class G driver's license
- Radio and Ultrasonic Telemetry for Fish and Wildlife Certificate
- Water Safety Exercise (certificate)
- Pleasure Craft Operator Card
- Firearms Possession and Acquisition License (PAL)
- Ontario Hunter Education Course Certificate
- Ontario trapper Education Course Certificate
- Wildlife Chemical Immobilization, Vaccination, and Euthanasia- Certificate of Knowledge

REFERENCES

Joan Chamberlain
Parks Canada, Trent-Severn Waterway
Peterborough, ON
Resource Conservation Manager
(705) 750-4941

David Bland
Parks Canada, Trent-Severn Waterway
Peterborough, ON
Ecological Research Crew Leader
(705) 741-5229

Paul Heydon
Parks Canada, Trent-Severn Waterway
Peterborough, ON
Ecological Research Crew Leader
Cell #: (416) 735-7490
Home #: (705) 793-3136

Paul Heydon
Paul Heydon Biological Consulting
Owner/Manager
Cell #: (416) 735-7490
Home #: (705) 793-3136