Terena Stoyles

terena.stoyles@mail.utoronto.ca | (613) 697-0699 | terenastoyles.com | LinkedIn

Education

University of Toronto · Master of Science in Environmental Science, Freshwater Ecology and Conservation (expected Aug 2027)

Queen's University · Bachelor of Science (Honours) in Biology, Minor in Psychology (Jun 2025)

Research experience

MSc research: invasive Round Goby detection and removal · University of Toronto (May 2026–present)

- Collaborate with a five-person team using seine netting, minnow trapping, and eDNA collection for field-based detection and removal.
- Record fish counts, environmental conditions, and sampling locations for each detection method.
- Preparing planned behavioural and acoustic experiments to examine deterrence and attraction; no results are reported yet.

Field, lab & data research assistant · Grogan Lab, Queen's University (Jun 2024–Apr 2025)

- Established and maintained field plots, measured species richness, and tracked labelled harvests for laboratory analysis.
- Identified 36 plant species and processed more than 1,000 plant samples.
- Harvested and sorted tundra plants and mosses by species for a long-term summer-warming experiment in the Arctic.

Selected projects

Species diversity in an Ontario grassland (Jan–Apr 2025)

- Analyzed ecological data in R, presented a research poster, and authored a literature-integrated synthesis paper.

Impact of road salt in a Lake Ontario mesocosm (Nov–Dec 2022)

- Developed a laboratory mesocosm, examined aquatic organisms with light microscopy, and investigated salinity effects.

Awards

Queen's University Biological Station Best Research Presentation (2025) · Dean's Honour List (fourth year) · Excellence Scholarship (admission)

Skills

Field: Seine netting, minnow trapping, fish identification and measurement, plant identification, biomass harvesting, quadrat surveys, plot establishment, GPS waypointing, and microclimate logging.

Laboratory: Fish handling and husbandry, behavioural trial planning, experiment documentation, micropipetting, sample preparation, oven-drying, light microscopy, dissection, bacterial culture transfer, and gel electrophoresis.

Computational & analytical: R (dplyr, ggplot2), NCBI BLAST, NEBcutter, LaTeX, Jamovi, and Microsoft Office.

Languages: English (native proficiency) and French (professional working proficiency).

Leadership & outreach

Community engagement and event coordination · Queen's University (Sep 2022–Apr 2024)

- Coordinated speakers and presentations, supported fundraising, communicated research highlights, and participated in networking with graduate researchers.

Additional experience

Housing application data coordinator · Social Housing Registry of Ottawa (Jul 2025–Apr 2026)

- Processed complex applications with accuracy and confidentiality, verified information, resolved discrepancies, and maintained organized records.

Updated September 2026