

## Kathryn Smith

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**Current Address:**

120 Scottsdale Dr.,  
Guelph, ON, N1G 2K8

ksmith19@uoguelph.ca  
519-803-6633

**Permanent Address:**

5453 Doane Rd.,  
Mount Albert, ON, L0G 1M0

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**EDUCATION****Doctor of Veterinary Medicine**

*University of Guelph, Ontario Veterinary College*

**Graduating Class of 2022**

Guelph, ON

**Masters of Science**

*University of Guelph, Ontario Veterinary College*

**August 2017**

Guelph, ON

Department: Pathobiology

Thesis: Powassan Virus and other Tick-Borne Pathogens in Wildlife and Companion Animals from Southern Ontario

**Bachelor of Science (Honours)**

*University of Guelph, College of Biological Sciences*

**April 2015**

Guelph, ON

Major: Biology, Minor: Zoology

International exchange experience: University of Aberdeen, Scotland 2014

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**VETERINARY EXPERIENCE****Equine Veterinary Assistant**

*Rottenberg Equine Veterinary Services*

**February - June 2018**

Schomberg, ON

- Assisted the veterinarian by handling horses during ultrasounds for pregnancy checks, wound dressing, X-rays and dental work
- Documented cases, updated files and created invoices

**Veterinary Technician Assistant**

*North Yonge Veterinary Hospital, Newmarket, ON*

**October 2017 - May 2018**

- Assisted the veterinarian by restraining, handling and monitoring animals during surgeries, annual exams and extended hospital stays
  - Performed duties as an office administrator where I was responsible for answering phones, reporting laboratory tests to clients, organizing files and handling payments and disbursements
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**WILDLIFE EXPERIENCE****Field Assistant**

*University of Toronto, Arctic Institute of North America,*

**May - August 2019 and May - August 2015**

Kluane Lake, YT

- Worked with a team in a remote field setting to gather physiological data on snowshoe hares through a series of controlled experiments
- Trapped and handled snowshoe hares to collect blood and fecal samples, take measurements on their hind legs and collect tissue samples
- Individually provided care for snowshoe hares that were temporarily kept in enclosures

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**WILDLIFE EXPERIENCE CON'T**

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**Master's Research****September 2015 - August 2017***Department of Pathobiology, Ontario Veterinary College**Guelph, ON*

- Conducted lab work including RNA extraction with Trizol, sample collection via dissection of many different mammalian species (i.e. beavers, groundhogs, raccoons), tick identification
- Field work included tick dragging, collecting ticks of live trapped mammals, injecting reversals
- Wrote two scientific papers based on the results of the project [published]

**Research Assistant****May - August 2013***University of Guelph, Bowdoin Scientific Research Station,**Kent Island, NB*

- Worked individually and with a team in a remote field setting to gather scientific data on a long-term savannah sparrow monitoring project
- Observed birds' behavioral cues through binoculars to track and record the local sparrow population and to locate sparrow nests
- Used mist nets to capture and handle small birds where blood samples and body measurements, including wing length and tarsal length, were recorded

**Field Technician****May - August 2012***University of Guelph, Algonquin Wildlife Research Station**Algonquin Park, ON*

- Worked with a team of three other researchers to gather scientific data for a long-term study on squirrels, deer mice, shrews and chipmunks
- Captured and handled small mammals to employ ear tags, collect DNA samples and record and take measurements including weight and ear length

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**CERTIFICATIONS**

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- Wilderness First Aid [in progress]
- Scuba License
- Driver's License
- Pleasure Craft's Operator card

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**ACTIVITIES**

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**Central Veterinary Students' Association (CVSA)****September 2018 - Current***Junior Industry Representative*

- Liaise with industry representatives to organize and developed industry day, an event to highlight the technologies involved in current veterinary medicine to the Ontario Veterinary College

**Intramural Hockey Team****September 2018 - Current****Dog Training****August 2017 - Current**

- Individually trained and worked with experienced trainers to train dogs in agility, obedience and scent