
CURRICULUM VITAE — Ana M. Breit**Country of Citizenship:** United States**Phone:** +1 (715) 213-1612**Email:** ana.breit@maine.edu**Institutional address:**

Department of Biology

University of Maine

5725 Murray Hall

Orono, Maine, USA, 04469

EDUCATION

- Current **Enrolled in Doctorate Program - Ecology and Environmental Sciences/School of Biology and Ecology**
Department of Biology, University of Maine, Orono, Maine, USA
Thesis: **Thermoregulatory Physiology in southeast Asian small mammals**
- 2018 **Master of Science – Bioscience, Technology, and Public Policy**
Department of Biology, University of Winnipeg, Winnipeg, Manitoba, Canada
Thesis: **Habitat quality, torpor expression, and pathogen transmission in little brown bats (*Myotis lucifugus*)**
Graduate Student of Highest Distinction
- 2015 **Bachelor of Science – Biology and Wildlife Ecology**
Department of Biology and Department of Natural Resources, University of Wisconsin Stevens Point
Stevens Point, Wisconsin, USA
Thesis: **Lunar phobia across several genera of Vespertilionid bats**
Minor: **Economics**
Cumulative GPA: 3.89/4.0
Rank in Class: 27/603 (96th percentile)
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PUBLICATIONS**SUBMITTED**

- Hill, R.W., G.J. Tattersall, K.L. Campbell, B. Reinfort, **A.M. Breit**, R. Riewe, and M. Humphries. Inuit clothing in the far north; Thermovision and physiological analysis. Submitted to *Arctic*
- Holberton, R.L., Taylor, P.D., Tudor, L.M., O'Brian, K.M., Mittelhauser, G.H., and **Breit, A.M.** Site-specific, not age-specific, differences in fall migration strategies of semipalmated sandpipers staging in the Gulf of Maine Region revealed by Automated VHF Radiotelemetry. Submitted to *Frontiers in Ecology and Evolution*
- Davy, Christina M., Michael E. Donaldson, Hana Bandouchova, Nicole A.S. Dorville, Yvonne A. Dzal, Veronika Kovacova, Emma L. Kunkel, Natália Martinková, Kayleigh J.O. Norquay, **Ana M. Breit**, Jan Zukal, Jiri Pikula, Craig K.R. Willis, and Christopher J. Kyle. Bat responses to white-nose syndrome vary among species despite consistent pathogen response among hosts. Submitted to *Ecology Letters*

IN PREPARATION

- **Breit, A.M.**, Q.E. Fletcher, and C.K.R. Willis. Effects of roost temperature on torpor expression and pathogen acquisition in solitary little brown bats. Final draft of manuscript in preparation for *Physiological and Biochemical Zoology*
- **Breit, A.M.**, K.J.O. Norquay, C.K.R. Willis. In Prep. Training in animal physiology should be a required component for Wildlife Biologist certification. Final draft of manuscript in preparation for *Wildlife Society Bulletin*

- Kunkel, E.L., **A.M. Breit**, Q.E. Fletcher, and C.K.R. Willis. In Prep. The relationship between fur, core and skin temperature in little brown bats. Data collection and analysis complete, final draft of manuscript in preparation for Journal of Thermal Biology

NON-PEER REVIEWED

- (3) **Breit A.M.**, K.J.O. Norquay, C.K.R. Willis. Cave Surveys and Acoustic Analysis to Identify Critical Habitat of *Myotis lucifugus* and *Myotis septentrionalis* in central Manitoba and southern Saskatchewan. Report for Canadian Wildlife Service, Environment and Climate Change Canada. 17 April 2018.
- (2) **Breit, A.M.**, *Aeromys tephromales*, Animal Diversity Web, University of Michigan
- (1) **Breit, A.M.**, Iron Deficiency in Female Long-Distance Runners, The Scorpion and the Frog

CONFERENCE PRESENTATIONS

- (28) **Breit, A.M.**, K.J.O. Norquay, Q.E. Fletcher, A. Wilcox, and C.K.R. Willis. Possible recovery strategies for bats infected with *Pseudogymnoascus destructans*. Platform presentation by AMB at Fledermauskundliche Tagung, Mansfeld, Saxony-Anhalt, Germany, 23-25 November 2018.
- (27) Dzal, Y.A., N.A.S.-Y. Dorville, E.L. Kunkel, **A.M. Breit**, K.J.O. Norquay, Q.E. Fletcher, A. Habrich, T. Moore, A. Shrivastav, and C.K.R. Willis. The skin we're in: Physiological consequences of white-nose syndrome for cutaneous respiration in bats. Platform presentation by YAD at the 98th Meeting of the American Society of Mammalogists, Manhattan, KS, USA, 25-29 June 2018.
- (26) Dzal, Y.A., A. Habrich, N. Dorville, T. Moore, E.L. Kunkel, **A.M. Breit**, K.J.O. Norquay, Q.E. Fletcher, A. Shrivastav, and C.K.R. Willis. Consequences of white-nose syndrome for cutaneous respiration in winter and habitat use in summer. Platform presentation by CKRW at the White-Nose Syndrome National Meeting, Tacoma, WA, USA, 12-14 June 2018
- (25) **Breit, A.M.**, Q.E. Fletcher, C.K.R. Willis. (*Myotis lucifugus*). Effects of roosting habitat enhancement on torpor expression in little brown bats (*Myotis lucifugus*). Platform presentation by AMB at the 47th North American Symposium for Bat Research, Knoxville, TN, USA, 8-21 October 2017. Awarded Bat Research News Award for Outstanding Platform Paper
- (24) Dorville, N., Kunkel, E.L., **A.M. Breit**, K.J.O. Norquay, Y.A. Dzal, Q.E. Fletcher, C. Beekman, A. Shrivastav, T.K. Bollinger, R.J. Bennett, B. Overton, G. Turner, and C.K.R. Willis. Testing two potential treatments for white-nose syndrome in little brown bats (*Myotis lucifugus*). Platform presentation by ND at the 47th North American Symposium for Bat Research, Knoxville, TN, USA, 8-21 October 2017
- (23) Willis, C.K.R., Q.M.R. Webber, Q.E. Fletcher, K.J.O. Norquay, N. Dorville, E. Kunkel, **A.M. Breit**, Y. Dzal, C.M. Davy, C. Beekman, A. Shrivastav, T.K. Bollinger, R. Bennett, B. Overton, G. Turner, K. Vanderwolf and V. Misra (2017) To spray or not to spray: Experiments and models to evaluate alternative management approaches for WNS. Invited platform presentation by CKRW at the 2017 White-nose Syndrome Workshop, Nashville, TN, USA, 23-25 May 2017
- (22) **Breit, A.M.**, and C.K.R. Willis (2017) Pathogen transmission as a function of roosting energetics and aggregation in little brown bats (*Myotis lucifugus*). Platform presentation by AMB at the 56th Annual Meeting of the Canadian Society of Zoologists, Winnipeg, MB, Canada, 15-19 May 2017. Lindsey Award Finalist
- (21) Willis, C.K.R., Q.M.R. Webber and **A.M. Breit** (2017) Hosts, humans, and habitats: Factors affecting pathogen transmission in endangered bats. Platform presentation by CKRW at the 56th Annual Meeting of the Canadian Society of Zoologists, Winnipeg, MB, Canada, 15-19 May 2017
- (20) Dorville, N., E.L. Kunkel, **A.M. Breit**, K.J.O. Norquay, Y.A. Dzal, Q.E. Fletcher, C. Beekman, A. Shrivastav, T.K. Bollinger, R.J. Bennett, B. Overton, G. Turner, and C.K.R. Willis, (2017) Two potential treatments for white-nose

syndrome in little brown bats (*Myotis lucifugus*). Poster presentation by ND at the 56th Annual Meeting of the Canadian Society of Zoologists, Winnipeg, MB, Canada, 15-19 May 2017. Burt Award Finalist

- (19) **Breit, A.M.**, and C.K.R. Willis, (2017) Pathogen transmission as a function of habitat quality and roosting energetics in little brown bats. Platform presentation by AMB at the Centre for Forest Interdisciplinary Research Symposium, Winnipeg, MB, Canada, 28 April 2017
- (18) **Breit, A.M.**, and C.K.R. Willis, (2017) Habitat quality and pathogen transmission in little brown bats. Platform presentation by AMB at The Wildlife Society of Manitoba Winter Getaway, Riding Mountain, MB, Canada, 3-5 February 2017
- (17) Willis, C.K.R., Q.E. Fletcher, **A.M. Breit**, C.M. Davy, H. Mayberry, L.P. McGuire, K.J.O. Norquay, A Wilcox and Q.M.R. Webber (2016) Connecting physiological, behavioural and disease mechanisms with population processes to tackle white-nose syndrome in endangered bats. Invited presentation by CKRW for the One-Health Symposium at the annual meeting of The Wildlife Society, Raleigh, NC, USA, 15-19 October 2016
- (16) Willis, C.K.R., Q.M.R. Webber, Q.E. Fletcher, K.J.O. Norquay, **A.M. Breit**, and C.M. Davy (2016) To spray or not to spray: Evaluating alternative management approaches for white-nose syndrome. Platform presentation by CKRW at the 46th North American Symposium for Bat Research, San Antonio, TX, USA, 12-15 October 2016
- (15) Kunkel, E.L., **A.M. Breit**, Q.E. Fletcher and C.K.R. Willis (2016) The relationship between core, fur and skin temperature in little brown bats. Poster presentation by ELK at the 46th North American Symposium for Bat Research, San Antonio, TX, USA, 12-15 October 2016. Awarded Basically Bats Conservation Award for Outstanding Student Poster
- (14) **Breit, A.M.** and C.K.R. Willis (2016) Pathogen transmission and torpor expression in *Myotis lucifugus*. Platform presentation by AMB at the 46th North American Symposium for Bat Research, San Antonio, TX, USA, 12-15 Oct 2016
- (13) Manson, J., **A.M. Breit**, P. Shimel, and L. Aguirre (2016) Ecological costs of herbivory: effects of leaf damage on floral traits and pollination in milkweeds. Platform presentation by JM at the Annual meeting of the Canadian Society of Ecology and Evolution, St. John's, NL, Canada, 7-11 July 2016
- (12) Webber, Q.M.R., K.J.O. Norquay, M.-A. Collis, Z. Czenze, A.K. Menzies, **A.M. Breit**, A. Wilcox, D. Baloun, K. Muise and C.K.R. Willis (2016) Bats, bears and blizzards: Using PIT tags to understand bats in central Canada. Platform presentation by CKRW at the Annual White-Nose Syndrome Workshop, Denver, CO, USA, 7-10 June 2016. (J. Coleman (WNS Coordinator, U.S. Fish and Wildlife Service) read our paper for the meeting.
- (11) Beaton, E., A. Peterson, Q.M.R. Webber, **A.M. Breit**, A. Shrivastav and C.K.R. Willis (2015) Behavior meets immunology: The relationship between personality and immune function in *Myotis lucifugus*. Platform presentation by EB at the 45th North American Symposium for Bat Research, Monterey, CA, USA, 28-31 October 2015
- (10) Q.E. Fletcher, **A.M. Breit**, Q.M.R. Webber and C.K.R. Willis (2015) Bats in northern forests: Implications of habitat protection on white-nose syndrome management. Invited presentation by QEF for the Wildlife in Managed Forests Symposium at the 22nd Annual Meeting of The Wildlife Society, Winnipeg, MB, Canada, 17-22 October 2015 Featured by The Wildlife Society's eWildlifer electronic newsletter, April 2016
- (9) VanNatta, E.H., **A.M. Breit**, and C.J. Yahnke (2015) Lunar phobia observed in Wisconsin Vespertilionid bats. Poster presentation by EH at the 22nd Annual Meeting of The Wildlife Society, Winnipeg, MB, Canada, 17-22 October 2015
- (8) **Breit, A.M.** and J. Manson (2015) Herbivory and nectar traits in *Asclepias*: Effects of leaf damage on pollen movement. Poster presentation by AMB at the 22nd Annual Meeting of The Wildlife Society, Winnipeg, MB, Canada, 17-22 October 2015
- (7) **Breit, A.M.** and J. Manson (2015) Post-herbivory effects on nectar traits in Milkweeds (*Asclepias* spp.) Platform presentation by AMB at the 14th Annual University of Wisconsin-System Symposium for Undergraduate Research and Creative Activity, Milwaukee, WI, USA, 24 April 2015

- (6) **Breit, A.M.** and J. Manson (2015) Changing nectar traits in response to herbivory in two Milkweed species. Platform presentation by AMB at the UWSP College of Natural Resources Symposium, Stevens Point, WI, USA, 10 April 2015
- (5) **Breit, A.M.**, E.H. VanNatta, and C.J. Yahnke (2015) Lunar phobia across several genera of Vespertilionid bats. Poster presentation by AMB at the UWSP College of Natural Resources Symposium, Stevens Point, WI, USA, 10 April 2015
- (4) BaDour, K., M. Brunner, **A.M. Breit**, C.J. Yahnke (2014) Soundscape ecology of habitats in Hawai'i and central Wisconsin. Platform presentation at the 15th Annual University of Wisconsin Stevens Point College of Letters and Science Symposium, Stevens Point, WI, USA, 2 May 2014
- (3) Brunner, M. K. BaDour, E.H. VanNatta, **A.M. Breit**, C.J. Yahnke (2014) Bat activity in central and northern Wisconsin based on acoustic analysis. Platform presentation at the 13th Annual University of Wisconsin-System Symposium, Milwaukee, WI, USA, 11 April 2014
- (2) VanNatta, E.H., Brunner, M., K. BaDour, **A.M. Breit**, C.J. Yahnke (2014) Effects of lunar illumination on bat activity in Wisconsin. Poster presentation at the 13th Annual University of Wisconsin-System Symposium for Undergraduate Research and Creative Activity, Milwaukee, WI, USA, 11 April 2014
- (1) **Breit, A.M.**, K. Goplerud, E. Anderson, and J. Riddle (2014). Small mammal diversity in Treehaven. Poster presentation by AMB and KG at the UWSP College of Natural Resources Symposium, Stevens Point, WI, USA, 4 April 2014

ADDITIONAL CONFERENCES ATTENDED

G2P2POP Navigating Climate Change Workshop , Flagstaff, AZ, USA	September 2018
Newcomer (Immigrant and Refugee) Education from Cradle to Career , Winnipeg, MB, Canada	April 2017
Canadian Urban Forest Network Annual Workshop , Winnipeg, MB, Canada	September 2015
Nelson Institute Earth Day Conference , Madison, WI, USA	April 2015
Midwest Wolf Stewards Conference , Ashland, WI, USA	February 2015
Wisconsin Bat Festival , Milwaukee, WI, USA	October 2014
The Wildlife Society Annual Conference , Milwaukee, WI, USA	October 2013

SCHOLARSHIPS AND AWARDS

<u>AWARD</u>	<u>VALUE</u>	<u>LOCATION HELD</u>	<u>YEAR</u>
(18) Maine Space Grant Consortium Fellowship	\$6,000	University of Maine	2018
(17) Degree-related Graduate Student Government Grant	\$850	University of Maine	2018
(16) Student Workshop Travel Grant	\$1,000	G2P2Pop Research Coordination Network	2018
(15) Bat Research News Award	\$500	North American Society for Bat Research	2017
(14) Student Conference Travel Grant	\$250	University of Winnipeg	2017
(13) Donna Young Teaching Award	\$300	University of Winnipeg	2017
(12) 3-Minute Thesis	\$500	University of Winnipeg	2017

People's Choice Award

(11) Graduate Studies Scholarship	\$15,000	University of Winnipeg	2016
(10) President's Scholarship for World Leaders	\$5,000	University of Winnipeg	2015
(9) Graduate Studies Scholarship	\$15,000	University of Winnipeg	2015
(8) Doug Stephens Scholarship	\$2,000	University of Wisconsin Stevens Point	2014
(7) J.L. Schneider Scholarship	\$1,000	University of Wisconsin Stevens Point	2014
(6) N. Van Prooyen Scholarship	\$1,000	University of Wisconsin Stevens Point	2014
(5) J.J. Bernd Family Scholarship	\$1,000	University of Wisconsin Stevens Point	2013
(4) N. Van Prooyen Scholarship	\$1,000	University of Wisconsin Stevens Point	2013
(3) Trustee Scholarship	\$13,500	Carroll University	2011
(2) Hilger Tradition Award	\$500	Carroll University	2011
(1) Leadership Award	\$500	Carroll University	2011

OTHER AWARDS:

<u>AWARD</u>	<u>INSTITUTION</u>	<u>YEAR</u>
Graduate Student of Highest Distinction	University of Winnipeg	2018
Academic All-American (5-time recipient)	National Collegiate Athletic Association	2012-2015
Academic All-Region (2-time recipient)	U.S. Track and Field, Cross Country Coaches Association	2014, 2015
Chancellor Leadership Nominee	University of Wisconsin Stevens Point	2015
Outstanding Biology Student	University of Wisconsin Stevens Point	2015
Scholar-Athlete Nominee	Wisconsin Intercollegiate Athletic Association	2015
Most Valuable Runner (2-time recipient)	University of Wisconsin Stevens Point	2013, 2015
All-American Mile Runner	National Collegiate Athletic Association	2014

RESEARCH EXPERIENCE AND TRAINING

2015- 2018 **M.Sc. Student**, Biology Department, University of Winnipeg, MB, Canada
Supervisor: Dr. Craig Willis

- Safely captured and handled free-ranging bats using mist nets and harp traps
- Modified and deployed temperature dataloggers to measure body temperature of captive animals
- Implanted Passive Integrated Transponders (PIT tags) in bats
- Quantified areas of wing infection for wild bats using ImageJ
- Spatial and skin-temperature telemetry of free-ranging bats
- Data analysis using R (mixed effect models and PCA)

- Mentored and taught junior students (Honours students and field assistants)

July 2017

Laboratory Instructor, Ecological Energetics Field Course

Biology Department, University of Winnipeg, Manitoba, Canada

Course intended to teach students field skills required for ecological research.

- Sherman live-trapped small mammals and mist-netted bats
- Behavioural tested of bats and chipmunks (hole-board activity/exploration and Y-maze sociality tests)
- Temporary captivity of wild animals

2015

Research Assistant, U.S. Forest Service, University of Missouri, Missouri, USA

Studied effects of savanna woodland restoration on both bat and insect abundance throughout Missouri.

- Caught and handled 13 species of bats using mist nets
- Installed, operated, and maintained mist-net, acoustic, and insect-trap equipment
- Conducted vegetation surveys within study area

2015

Assistant Curator of Birds and Mammals, College of Letters and Science Mammal Collection, University of Wisconsin Stevens Point, Wisconsin, USA

Maintained and organized thousands of specimens in accordance with prescribed maintenance requirements

- Accessioned and catalogued preserved birds and mammals

2014-2015

Bioacoustics Analysis Team (BAT), College of Natural Resources, University of Wisconsin Stevens Point, Wisconsin, USA

Supervisor: Dr. Chris Yahnke

Studied the effects of moon phases on bat species across Wisconsin using permanent acoustic bat detectors

- Recorded bat calls using Titley AnaBat SD2 and SM2, and Wildlife Acoustic Echo Meter 3
- Analyzed calls using Analook and Song Scope software

2013-2015

Honours Internship Research Assistant, College of Natural Resources, University of Wisconsin Stevens Point, Wisconsin, USA

Supervisor: Dr. Eric Anderson

Recorded natural history of cougars in Wisconsin and South Dakota

- Created tables and figures for educational and informational presentations using Microsoft Excel
- Maintained archived photographs and trail camera photographs using Irfan View

2014

Evolutionary Ecology Researcher, Research Experience for Undergraduates, University of Virginia, National Science Foundation, Virginia, USA

Supervisor: Dr. Jessamyn Manson

Studied post-herbivory effects on nectar traits in Milkweeds (*Asclepias* spp.) and its coevolution with pollinators. (Publication in process)

- Designed, conducted, and presented research experiment to fellow researchers and professionals
- Measured nectar sugar concentration using refractometers
- Analyzed data using both R and Microsoft Excel.

2014

Small Mammal Field Technician, Department of Natural Resources, Wisconsin, USA

Trapped diurnal and nocturnal mammals in prairie environment to learn species richness and diversity

- Installed, operated, and maintained Sherman live traps and pitfall traps
- Safely handled, identified and marked hundreds of specimens
- Recorded and maintained trapping data in Microsoft Excel

2013-2014

Small Mammal Research Project, College of Natural Resources, University of Wisconsin Stevens Point, Wisconsin, USA

Supervisors: Dr. Eric Anderson and Dr. Jason Riddle

- Designed and conducted student research experiment
- Trapped and identified specimens daily
- Analyzed data using SPSS and Microsoft Excel

2013

Teaching Assistant, Wildlife Research Techniques, Treehaven Field Station,
College of Natural Resources, University of Wisconsin Stevens Point, Wisconsin, USA
Supervisors: Dr. Eric Anderson and Dr. Tim Ginnett

Course intended to teach students hands-on research techniques used by wildlife biologists

- Successfully trained students in telemetry skills and Locate III
- Taught 190 regional plant species using live specimens and developed a Microsoft Powerpoint
- Created maps of radio-collared animals' movement patterns using ArcGIS
- Deployed and maintained Reconyx and Bushnell cameras to monitor bobcat, deer, and wolf populations
- Arranged and maintained data gathered by over 100 students using Microsoft Excel

TEACHING EXPERIENCE

Lab Instructor, Medical Physiology, Department of Biology
University of Maine, Maine, USA

September 2019 – Present
September 2018 – December 2018

Lab Instructor, Human Anatomy, Department of Biology
University of Maine, Maine, USA

January 2019 – May 2019

Guest Lecturer, Biology of Mammals, Department of Biology
University of Manitoba, Manitoba, Canada

October 2017

Field Instructor, Field Research in Ecological Energetics, Department of Biology
University of Winnipeg, Manitoba, Canada

July 2017 – August 2017

Lab Instructor, Cells and Cellular Processes, Department of Biology
University of Winnipeg, Manitoba, Canada

September 2017 – May 2018
September 2016 – December 2016

Class Facilitator, EAL Conversation, Access English Centre
Immigrant Centre of Manitoba, Winnipeg, Manitoba

February 2017 – May 2018

Lab Instructor, Evolution, Ecology, and Biodiversity, Department of Biology
University of Winnipeg, Manitoba, Canada

January 2017 – April 2017
January 2018 – April 2018

Lab Demonstrator, Invertebrate Zoology, Department of Biology
University of Winnipeg, Manitoba, Canada

January 2017 – April 2017
January 2016 – April 2016

Guest Lecturer, Biology of Mammals, Department of Biology
University of Manitoba, Manitoba, Canada

October 2016

Lab Demonstrator, Human Anatomy and Physiology, Department of Biology
University of Winnipeg, Manitoba, Canada

September 2015 – December 2015

Teaching Assistant, Wildlife Field Techniques, Treehaven Field Station
University of Wisconsin Stevens Point, Wisconsin, USA

July 2013 – August 2013

INVITED OUTREACH PRESENTATIONS

The Institute of Biodiversity and Environmental Conservation, Kuching, Malaysia

August 2019

Ana M. Breit- Curriculum Vitae

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Kampung Tonjong Bowang , Bau, Sarawak, Malaysia	August 2019
Leibniz Institute for Zoo and Wildlife Research , Berlin, Germany	January 2019
Cabin Fever Reliever , Brewer, Maine, USA	March 2019
Expanding Your Horizons , Orono, Maine, USA	October 2018
The Wildlife Society , University of Winnipeg, Manitoba, Canada	April 2018
John Pritchard School , Winnipeg, Manitoba, Canada	November 2017
Manitoba Alvar Bioblitz , Hodgson, Manitoba, Canada	June 2017
Vincent Massey Collegiate , Winnipeg, Manitoba, Canada	April 2017
Chief Peguis Middle School , Winnipeg, Manitoba, Canada	October 2016
École Lorette French Immersion School , Lorette, Manitoba, Canada	November 2015
Halloween at the Hill, Bird's Hill Provincial Park , St. Clements, Manitoba, Canada	October 2015
Bird's Hill Provincial Park , St. Clements, Manitoba, Canada	September 2015

COMMUNITY INVOLVEMENT

English Tutor, Literacy Volunteers of Bangor Bangor, Maine, USA	September 2019 – Present
Graduate Assistant, WISTEMM Rising Tide Book Club University of Maine, Maine, USA	September 2018 – May 2019
4H STEM Ambassador, 4H University of Maine, Maine, USA	September 2018 – May 2019
Graduate Student Representative, The Wildlife Society Student Chapter (TWS) University of Winnipeg, Manitoba, Canada	August 2017 – May 2018
Graduate Student Representative, Science Lab Safety Subcommittee (SLSSC) University of Winnipeg, Manitoba, Canada	May 2017 – May 2018
Class Facilitator, EAL Conversation , Access English Centre Immigrant Centre, Winnipeg, Manitoba, Canada	February 2017 – May 2018
Dog Walker, Winnipeg Humane Society Winnipeg, Manitoba, Canada	January 2017 – May 2018
Rural Outreach Project Volunteer, Let's Talk Science University of Winnipeg, Manitoba, Canada	September 2015 – May 2016
Small Mammal Project, The Wildlife Society , College of Natural Resources University of Wisconsin Stevens Point, Wisconsin, USA	September 2012 – May 2015

PROFESSIONAL MEMBERSHIPS

Genomes to Phenomes to Populations Research Coordination Network (National Science Foundation)

The Wildlife Society (University of Winnipeg Student Chapter, Manitoba Chapter, and Canadian Chapter)

Canadian Society of Zoologists (CSZ)

North American Society for Bat Research (NASBR)

CERTIFICATIONS

Wilderness First Aid (SOLO- Wilderness Emergency Medicine)

Conversation Circles (Immigrant Centre, Winnipeg)

Listening and Speaking for adult EAL Learners (Immigrant Centre, Winnipeg)

Animal User Training (University of Winnipeg)

Workplace Hazardous Materials Information System (WHMIS) Safety Training

University of Winnipeg Ladder Safety Training

First Aid (Red Cross)

Cardio-pulmonary Resuscitation (CPR) (Red Cross)

Safe Zone Training (University of Wisconsin-Stevens Point)

Hunter Safety (Wisconsin Department of Natural Resources)

Boating Safety (Wisconsin Department of Natural Resources)

Snowmobile Safety (Wisconsin Department of Natural Resources)

REFERENCES AVAILABLE UPON REQUEST