

Stefanie LAZERTE MSc, PhD

PERSONAL INFORMATION

NATIONALITY: Canadian
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EDUCATION

- PHD University of Northern BC, Natural Resources and Environmental Studies MAY 2015
Supervisor: Dr. Ken A Otter
Dissertation: "Sounds of the city: The effects of urbanization and noise on mountain and black-capped chickadee communication"
• Graduated with Academic Distinction
- MSc McGill University, Biology NOV 2010
Supervisor: Dr. Don L Kramer
Thesis: "Using thermosensitive telemetry to measure activity in eastern chipmunks (*Tamias striatus*)"
- BSc University of Toronto, Honours Zoology, Behaviour Specialist JUN 2007
Independent Studies Supervisor: Dr. Allan Baker
Project: "Genomic scan using AFLPs reveals that red knot subspecies are genetically differentiated"
• GPA: 3.91/4.0
• Graduated with High Distinction

RESEARCH EXPERIENCE

- MAY 2016-
MAY 2017 **Post-Doctoral Researcher** at Thompson Rivers University (Dr. David Hill, Kamloops, BC)
Project: Online framework for data analysis, education and outreach.
• Continuation of my work on the R package 'feedr' for transforming raw RFID data into biologically meaningful data and visualizations. (<https://github.com/steffilazerte/feedr>)
• Development of the online animalnexus framework where scientists and citizen scientists alike can access, visualize, transform and download RFID movement data. (<http://animalnexus.ca>)

- OCT 2015-
MAR 2016 **Post-Doctoral Researcher** at UNBC (Dr. Ken A Otter, Prince George, BC)
Project: Automated recording of feeder use by RFID-tagged chickadees
- Development of the R package ‘feedr’ to: (1) transform raw data to biologically meaningful data, and (2) visualize visitations and movements. (<https://github.com/steffilazerte/feedr>)
 - Assisting with experimental design for the analysis of gap-crossing behaviour in chickadees
- MAY-SEPT
2015 **Post-Doctoral Researcher** at UNBC (Dr. Ken A Otter, Prince George, BC)
Project: Communication and noise in mountain chickadees
- Designed and executed playback experiments
 - Analyzed, interpreted, and documented results
 - Developed song extraction suites with R and web apps (Shiny)
 - Provided help and guidance to undergraduate students
 - Designed and maintained a website for the White-throated Sparrow Citizen Science Project (<http://whitethroatsong.ca>)
- 2010-2015 **PhD Student** at UNBC (Dr. Ken A Otter, Prince George, BC)
Project: Studies on the effects of noise on chickadee communication
- Designed and executed observational and experimental studies
 - Organized 3 field seasons spanning 7 municipalities
 - Applied for permits and permissions from 14 different jurisdictions and governing bodies
 - Analyzed, interpreted, and published results
- 2007-2010 **Master’s Student and Field Technician** at McGill (Dr. Don L Kramer, Montreal, QC)
Project: Studies on activity patterns and behaviour of eastern chipmunks
- Specialized in radio tracking, supplementary feeding, and behavioural observation
 - Other duties included trapping, ear-tagging, pit-tagging, tissue sampling, applying radio collars, vegetation sampling, outdoor video camera set up and monitoring of reproduction
 - Organized field teams, as required
 - Established new methodologies for gathering data on underground activity patterns in chipmunks
 - Analyzed, interpreted, and published results
- 2006-2007 **NSERC USRA & Independent Studies** at University of Toronto (Dr. Allan Baker, Toronto, ON)
Project: Red knot population molecular genetics
- Conducted molecular sexing of red knots
 - Assisted with cannon netting of shore birds
 - Assisted with collection of blood and parasite samples from red knots

2005-2006 | **Lab Technician** at University of Toronto (Dr. Nicholas Mrosovsky, Toronto, ON)
Project: Circadian rhythms in mice and rats

- Designed computer programs for experimental setup
- Provided care for lab animals, including cleaning and daily checks
- Assisted with the collection of tissue samples

MAY 2005 | **Avian Biology Field Course** at University of Toronto (Dr. Jim Rising, Toronto, ON)
Project: Common eider diving behaviour in St. Andrews, NB

- Study design, data collection, analysis and presentation

AUG-OCT 2004 | **Volunteer mist-net extractor** at Tommy Thompson Park Migration Monitoring Station (Dan Derbyshire, Toronto, ON)
Project: Migration monitoring

- Extracted birds from mist-nets, occasionally banded birds

MAY-JUL 2004 | **Field Technician** at York University (Dr. Bridget Stutchbury, Toronto, ON)
Project: Hooded warbler reproductive behaviour in Edinboro, PA, USA

- Mist netted, banded, and collected blood samples from warblers
- Conducted nest searches, territory mapping, and radio tracking
- Recorded warbler songs and calculated song output counts

CONSULTING

JAN 2017 | **Data cleaning and preparation** BC Ministry of Forests, Lands and Natural Resource Operations(Prince George, BC)
Project: Bulltrout Telemetry Data

- Compiled, cleaned and filtered large data set (13 million observations)
- Established detections and movements
- Provided descriptive R script and training

TEACHING EXPERIENCE

Module Instructor

2017 | Preparing Data in R (University of Manitoba, Winnipeg, MB)
Designed, developed and delivered remote lectures and assignments

Sessional Instructor

2015 | BIOL 323 Evolutionary Biology (UNBC, Prince George, BC)
Designed, developed and delivered lectures, tutorials, assignments, tests and exams

DEC 2014 | STAT 473/673 Experimental Design and Analysis (*substitute*, UNBC, Prince George, BC)
Substitute lecturer for the final two weeks of the course. Delivered lectures, marked assignments and final exam

Guest Lectures

FEB 2016 | “Singing through the noise: How birds compensate for effects urbanization on communication”
FEB 2015 | communication”
MAR 2014 | BIOL 420 Animal Behaviour (UNBC, Prince George, BC)

FEB 2016 | “Zotero for reference management and research organization”
GEOG 320 Sedimentology (UNBC, Prince George, BC)

JAN 2016 | “Using R and ggplot2 to graph data”
MAR 2014 | GEOG 311 Drainage Basin Geomorphology (UNBC, Prince George, BC)

DEC 2015 | “Extinctions and Natural Hazards”
GEOG 100 Environments and People: The Geography of Natural Hazards (UNBC, Prince George, BC)

NOV 2015 | “Singing through the noise: How birds compensate for effects urbanization on communication”
BIOL 3100 Animal Behaviour (TRU, Kamloops, BC)

Teaching Assistantships

2014 | STAT 240 Basic Statistics (Julius Bankole, UNBC, Prince George, BC)
2011 | BIOL 102 Introductory Biology II (Dr. Saphida Migabo, UNBC, Prince George, BC)
2010 | BIOL 308 Ornithology and Mammalogy (Dr. Ken A Otter, UNBC, Prince George, BC)
2009 | BIOL 111 Principles: Organismal Biology (Heather Lynn Roffey, McGill, Montreal, QC)
2008 | BIOL 205 Biology of Organisms (Dr. Don L Kramer, McGill, McGill, Montreal, QC)

- Designed and supervised 3-hr labs and 1-hr tutorials
- Explained concepts; Demonstrated equipment use
- Taught specimen and field identification
- Organized review; Hired graders; Organized grading
- Graded exams, tests, and assignments

Graduate Student Facilitator

FEB-APR 2011 | Centre for Teaching Learning & Technology (Dr. Bill Owen, UNBC, Prince George, BC)

- Helped develop and facilitate workshops (“Presentations”, “Advanced Presentations”, “Dealing with challenging teaching situations”, “Communicating to Diverse Audiences”)
- Created online, interactive versions of Teaching Assistant and Faculty teaching manuals

Volunteer Teaching

2012-PRESENT	R Tutoring (UNB, Fredericton, NB) (Wilfrid Laurier, Waterloo, ON) (UNBC, Prince George, BC)
2016-2017	R Group (UNB, Fredericton, NB) <ul style="list-style-type: none"> • Participate in and facilitate a casual gathering for graduate students to share and learn about statistics and the statistical software R • Conduct tutorials and provide tutoring
2012-2016	R Coffee Hour (UNBC, Prince George, BC) <ul style="list-style-type: none"> • Organized and facilitated a social gathering for graduate students to share and learn about statistics and the statistical software R • Maintained a website dedicated to teaching R (http://steffi.ca/thinkR/)
JAN 2015	Street Humanities (CNC, Prince George, BC) Program to encourage pursuit education in marginalized men and women <ul style="list-style-type: none"> • Designed and facilitated 4 3-hr lessons on Animal Behaviour • Conducted a field trip to UNBC
Nov 2011	Zotero Workshop (UNBC, Prince George, BC) Developed and facilitated a workshop helping graduate students learn to use Zotero (referencing software)
2003-2004	JUMP math tutor (Toronto, ON) Tutored grade 3 math through the JUMP math organization

PROFESSIONAL DEVELOPMENT

Teaching Related Conferences and Workshops

2011-2016	UNBC & CNC Annual Teaching and Learning Conference (Prince George, BC)
SEP 2014	Teaching Dossier Workshop (CTLT, UNBC, Prince George, BC)
AUG 2011	Instructional Skills Workshop (UNBC, Prince George, BC)
JAN 2011	Teaching Assistant Workshop (UNBC, Prince George, BC)
MAR 2008	Learning to Teach (McGill, Montreal, QC)
JAN 2008	Teaching Workshop – McGill Tomlinson Project in University-Level Science Education (McGill, Montreal, QC)

Other Workshops

NOV 2013 | Project Management Workshops
(BCCA Centre for the North, Prince George, BC with Robyn Roscoe)

1. Introduction to Project Management
2. Project Budgeting Basics
3. Project Team Management

SEP 2013 | Grant Development Workshop
(UNBC, Prince George, BC)

Committees

AUG 2016 | Social media representative for the Society for Canadian Ornithologists (SCO-SOC) at the North American Ornithological Conference (NAOC)
(Washington DC, USA)

APR 2009 | Organizing committee for the McGill Conservation, Ecology, Evolution and Behaviour (CEEb) Graduate Student Symposium (McGill, Montreal, QC)

FEB 2009 | Elections Commissioner – McGill Biology Graduate Student Association (McGill, Montreal, QC)

Conference Activities

2016 | Student Presentation Judge – North American Ornithological Conference (NAOC) (Washington DC, USA)

2013 | Panel participant – Graduate Student Panel: Reflections, Thoughts and Experiences of Graduate Student Teaching (UNBC & CNC Teaching and Learning conference, Prince George, BC)

2013 | Co-convener – Interdisciplinary Panel on Methodologies and Statistical Approaches. (UNBC Graduate Student Conference, Prince George, BC)

2012 | Moderator – North American Ornithological Conference (UBC, Vancouver, BC)

2011 | Moderator – UNBC Graduate Student Conference (UNBC, Prince George, BC)

Peer-Review Services

2014-PRESENT | Behaviour
2015-PRESENT | Behavioural Ecology
2015-PRESENT | Ethology
2016-PRESENT | PeerJ
2016-PRESENT | Canadian Field-Naturalist

Society Memberships

- Society of Canadian Ornithologists - Société des ornithologistes du Canada
- Animal Behavior Society
- Canadian Society of Environmental Biologists

MEDIA & OUTREACH

Media

- JULY 2016 | Media attention surrounding publication of "Learning to cope: Vocal adjustment to urban noise is correlated with prior experience in black-capped chickadees" (Links: <http://steffi.ca/media>)
 CKPG (TV; Prince George, BC)
 CBC Daybreak North (Radio; Prince George, BC)
 Prince George Citizen (Print; Prince George, BC)
 250news.org (Webnews; Prince George, BC)
- APR 2012 | "Vancouver's Chickadees Sing a Different Tune" – Stanley Park Ecology Society (Vancouver, BC)
<http://stanleyparkecology.ca/2012/04/09/vancouvers-chickadees-sing-a-different-tune-2/>

Outreach

- JUNE 2016 | High school students from Kelly Road Secondary (UNBC, Prince George, BC) Activities showcasing science and avian diversity including the UNBC collections and outdoor behavioural activities.
- MAY 2016 | Rotary Adventures in Forestry (UNBC, Prince George, BC)
 Afternoon activities with high-school students show-casing research in bird behaviour
- MAR 2016 | 40th Central Interior Science Exhibition (CISE) – Judge (Prince George, BC)
 - French language judge
 - Spoke to students about their projects one-on-one
 - Offered constructive criticism and positive feedback
- AUG-NOV 2015 | Discovery Centre for Inspiring Women Among Us (UNBC, Prince George, BC)
 3-day event to encourage and inspire young visitors to pursue higher education
 - Helped design and coordinate events
 - Organized volunteers and staff
 - Arranged or coordinated panelists
- MAR 2013 | "Singing through the noise: How birds compensate for effects urbanization on communication" – Guest Presenter
 Williams Lake Naturalist Club (Williams Lake, BC)
- JAN 2015 | Prince George Naturalist Club (Prince George, BC)

- MAY 2014 “Come learn all about Chickadees!” – Guided Walk
Prince George Young Naturalists Club (Prince George, BC)
- Took children and parents on a walk through Cottonwood park
 - Shared information about chickadees and birds in general
 - Activities include calling in chickadees and looking of potential chickadee nesting cavities
- MAR 2014 Immaculate Conception School Science Fair – Judge (Prince George, BC)
- Spoke to students about their projects one-on-one
 - Offered constructive criticism and positive feedback
- NOV 2013 “Early bird gets the worm!” – Classroom visit
Lake City Secondary School (Columneetza campus) Science 8 and 9 (Williams Lake, BC)
- Talked to students about my experiences with post-secondary education
 - Designed and facilitated activities to encourage thinking about animal behaviour and adaptations
- OCT 2013 “Birds and Glacial Lakes” – Guided Tour
UNBC Northern Research Group Trail Talks (Prince George, BC)
- Natural history walk through Hudson’s Bay Slough
- SEP 2013 Chickadee communication and sound transmission activities
Annual High School Student Salmon Trip to the QRRC (Scout Island Nature Centre, Williams Lake, BC)
- Talked to students about my experiences with post-secondary education
 - Organized hands-on activities around my research to allow students to experience research first-hand
- SEP 2013 & 2014 Kelowna Kokanee Salmon Festival (Kelowna, BC)
- Invited by the Regional District of Central Okanagan to participate in the festival offering opportunities for the community to learn about their local environment
 - Operated a booth presenting chickadee research and activities to educate and enhance interest in the animal behaviour sciences
- MAR 2013 Owl Lesson – Guest Educator (Likely Elementary School, Likely, BC)
- Designed and performed a lesson on owls covering mythology to biology for a classroom of students ages 5 to 12

- MAY 2011 | COFI Forest Education Program's Natural Resource Management Career Awareness Camps for high school students (Aleza Lake Research Forest, BC)
- Organized and facilitated the wildlife module for the NRM camp held for local High School students at the Aleza Lake Research Forest
- 2003 | "Let's Talk Science" Educator (Toronto, ON)
- Taught groups of children (usually Brownies or Scouts) about science

SCHOLARSHIPS & AWARDS

- 2016 | UNBC Best NRESi Extension Note (Graduate Student Award)
- 2014 | UNBC Doctoral Dissertation Completion Award
- 2010-2014 | UNBC Doctoral Tuition Scholarship
- 2014 | UNBC Ecosystem Science and Management Travel Award
- 2011-2014 | NSERC Postgraduate Scholarship (PGS) - PhD
- 2013 | Society of Canadian Ornithologists (SCO-SOC) First Place Student Presentation
- 2012 | Society of Canadian Ornithologists (SCO-SOC) James L Baillie Award
- 2010-2011 | UNBC Graduate Research Award (x2)
- 2011 | UNBC Research Project Award
- 2010 | UNBC Continuing TAship Awards
- 2008-2009 | NSERC Alexander Graham Bell Canada Graduate Scholarship (CGS) - MSc
- 2007 | McGill Biology Top-Up Award
- 2007 | McGill Recruitment Excellence Fellowship
- 2006 | NSERC Undergraduate Student Research Award
- 2004, 2006 | U of T Dr. James A & Connie P Dickson Scholarship Sciences & Mathematics
- 2005 | World Wildlife Fund Donald A Chant Marine Biology Scholarship
- 2005 | U of T The Edward Blake Scholarship in Life Sciences
- 2003 | U of T Millard Entrance Scholarship

PUBLICATIONS: ACADEMIC

LaZerte SE, Reudink MW, Otter KA, Kusack J, Bailey JM, Woolverton A, Paetkau M, de Jong A, and Hill DJ (Accepted pending revisions). *feedr* and *animalnexus.ca*: A paired R package and user-friendly web application for transforming and visualizing RFID animal movement data. *Ecology and Evolution*.

Marini KLD, Otter KA, **LaZerte SE**, and Reudink MW (Accepted pending revisions). Urban environments are associated with earlier clutches and faster nestling feather growth compared to natural habitats. *Urban Ecosystems*.

LaZerte SE, Otter KA, and Slabbekoorn H (2017). Mountain chickadees adjust songs, calls and chorus composition with increasing ambient and experimental anthropogenic noise. *Urban Ecosystems* doi:[10.1007/s11252-017-0652-7](https://doi.org/10.1007/s11252-017-0652-7)

LaZerte SE, Slabbekoorn H, and Otter KA (Accepted pending minor revisions). Territorial black-capped chickadee males respond faster to high- than to low-frequency songs in artificially amplified noise conditions. *PeerJ* 5:e3257, doi:[10.7717/peerj.3257](https://doi.org/10.7717/peerj.3257).

- Snell C, LaZerte SE, Reudink MW, and Otter KA (2016). Sympatric song variant in mountain chickadees *Poecile gambeli* does not reduce aggression from black-capped chickadees *Poecile atricapillus*. *European Journal of Ecology* 2:53-59, doi:[10.1515/eje-2016-0006](https://doi.org/10.1515/eje-2016-0006).
- LaZerte SE, and Kramer DL (2016). Activity of eastern chipmunks *Tamias striatus* during the summer and fall. *Canadian Journal of Zoology* 94:685-695, doi:[10.1139/cjz-2016-0064](https://doi.org/10.1139/cjz-2016-0064).
- LaZerte SE, Slabbekoorn H, and Otter KA (2016). Learning to cope: Vocal adjustment to urban noise is correlated with prior experience in black-capped chickadees. *Proceedings of the Royal Society B* 283:20161058, doi:[10.1098/rspb.2016.1058](https://doi.org/10.1098/rspb.2016.1058).
- Adams RV, LaZerte SE, Otter KA, and Burg TM (2016). Influence of landscape features on the micro-geographic genetic structure of a resident songbird. *Heredity* 117:63-72, doi:[10.1038/hdy.2016.12](https://doi.org/10.1038/hdy.2016.12).
- LaZerte SE, Otter KA, and Slabbekoorn H (2015). Relative effects of ambient noise and habitat openness on signal transfer for chickadee vocalizations in rural and urban green-spaces. *Bioacoustics* 35:481-488, doi:[10.1080/09524622.2015.1060531](https://doi.org/10.1080/09524622.2015.1060531).
- Grava A, Otter KA, Grava T, LaZerte SE, Poesel A, and Rush AC (2013). Possible character displacement in dawn chorusing behaviour of sympatric mountain and black-capped chickadees. *Animal Behaviour* 86:177-187, doi:[10.1016/j.anbehav.2013.05.009](https://doi.org/10.1016/j.anbehav.2013.05.009).
- LaZerte SE, and Kramer DL (2011). Using thermosensitive radiotelemetry to document rest and activity in a semifossorial rodent. *Wildlife Society Bulletin* 35:481-488, doi:[10.1002/wsb.74](https://doi.org/10.1002/wsb.74).
- LaZerte SE, Slabbekoorn H, and Otter KA (In prep). Mountain chickadees discriminate between song frequencies in noisy conditions but not in quiet.
- LaZerte SE, Marini KLD, Slabbekoorn H, Reudink MW, and Otter KA (In prep). More mountain chickadees sing atypical songs in urban areas.

PUBLICATIONS: OUTREACH & EXTENSION NOTES

- LaZerte SE, Slabbekoorn H, and Otter KA (2016). Sounds of the city: The effects of noise on communication in mountain and black-capped chickadees. Natural Resources and Environmental Studies Institute. Research Extension Note No. 10, University of Northern British Columbia, Prince George BC, Canada. * Best Graduate Student NRESi Extension Note 2016.
- LaZerte SE (2014). 2012 Baillie Award Report: Chickadee Vocal Adjustment in Response to Urban Noise. *Picoides: Bulletin of the Society of Canadian Ornithologists* 27(1):5-7. Online: http://www.sco-soc.ca/picoides/archive/Picoides27_1_2014.pdf.
- Otter KA, Grava A, Grava T, and LaZerte SE (2013). Hybridization and social interactions among chickadees. Kamloops Naturalist Club Newsletter, BC, Canada.

ACADEMIC PRESENTATIONS AND POSTERS

- Otter KA, LaZerte SE, Marini KLD, and Reudink MW (2016). Is suburbia an avian paradise, or ecological trap? (Invited Talk). BC Nature Fall General Meeting (Prince George, BC).

- LaZerte SE**, Slabbekoorn H, and Otter KA (2016). Learning to cope with urban noise: Vocal adjustment in black-capped chickadees correlates with prior noise experience and may improve audibility in noisy conditions (Symposium). North American Ornithological Conference (Washington DC, USA).
- LaZerte SE**, Reudink MW, De Jong A, Kusack J, Paetkau M, Otter KA, Bailey J, Sutter A, Roberts J, Betts M, and Hill D (2016). Science, engagement, education: Open, web-based visualization and analysis of animal movement data. (Oral). North American Ornithological Conference (Washington DC, USA).
- Bailey J, **LaZerte SE**, Paetkau M, Reudink M, and Otter KA (2016). Using Radio Frequency Identification (RFID) Technology To Investigate Gap Crossing Decisions in Chickadees. (Oral). North American Ornithological Conference (Washington DC, USA).
- Marini K, Otter KA, **LaZerte SE**, and Reudink MW (2016). City life and chickadees: effects of urbanization on reproductive success and dawn chorus behaviour in mountain chickadees (*Poecile gambeli*) (Oral). North American Ornithological Conference (Washington DC, USA).
- Otter KA, **LaZerte SE**, and Ramsay S (2016). The value of simplicity – do variant song types affect interactive signalling in white-throated sparrows (Poster). North American Ornithological Conference (Washington DC, USA).
- Snell C, **LaZerte SE**, Reudink M, and Otter K (2016). Altered mountain chickadee (*Poecile gambeli*) song in regions of sympatry does not reduce aggression from black-capped chickadees (*Poecile atricapillus*) (Poster). North American Ornithological Conference (Washington DC, USA).
- LaZerte SE**, Otter KA, and Slabbekoorn H (2016). Singing through noise: How chickadees compensate for effects of noise on communication. (Invited talk). UNBC Natural Resources and Environmental Studies Institute Colloquium. (Prince George, BC).
- LaZerte SE**, Otter KA, and Slabbekoorn H Behavioural plasticity of mountain chickadee vocalizations in response to urban noise. (Poster).
1. (2014) Meeting of the International Society for Behavioral Ecology (New York, USA).
 2. (2014) UNBC Natural Resources and Environmental Studies Icebreaker (Prince George, BC).
- LaZerte SE**, Otter KA, and Slabbekoorn H Improving urban acoustics: Urban noise is more detrimental than urban habitat to transmission of chickadee vocalizations. (Oral).
1. (2013) Meeting of the Society of Canadian Ornithologists (Winnipeg, MB). Awarded 1st place for student presentation.
 2. (2013) UNBC Graduate Student Conference (Prince George, BC).
- LaZerte SE** (2013). Multimodal Inference and Model Averaging. (Panel). Interdisciplinary Panel on Methodologies and Statistical Approaches. UNBC Graduate Student Conference (Prince George, BC).
- LaZerte SE**, and Otter KA (2012). Chickadee vocalizations in human-altered environments. (Oral). Symposium on Noise and Birds (Behavioural Ecology Group, Leiden University, the Netherlands).
- LaZerte SE**, and Otter KA Vocal adjustment by black-capped and mountain chickadees in urban and noisy habitats. (Poster).

1. (2012) North American Ornithological Conference (Vancouver, BC).
2. (2012) UNBC Natural Resources and Environmental Studies Icebreaker (Prince George, BC).

LaZerte SE, and Otter KA Chickadee vocalizations in human-altered environments. (Poster). Presented at the:

1. (2011) UNBC Graduate Student Conference (Prince George, BC).
2. (2011) UNBC Natural Resources and Environmental Studies Icebreaker (Prince George, BC).

LaZerte SE, and Kramer DL (2011). Methods Round Table: Temperature-sensitive radio telemetry to document rest, activity and torpor. (Oral). UNBC Graduate Student Conference (Prince George, BC).

LaZerte SE, and Kramer DL Myth of the “busy chipmunk”: Long-term quantification of activity and rest in a natural population (Oral).

1. (2009) Symposium of the Société Québécoise pour l'étude biologique du comportement (Trois-Rivières, QC).
2. (2010) Meeting of the Canadian Society for Ecology and Evolution (Quebec, QC).
3. (2010) Meeting of the Animal Behavior Society (Williamsburg, Virginia, USA).

LaZerte SE (2009). Determinants of seasonal activity patterns in eastern chipmunks: A path analysis approach (Oral). McGill University Community Ecology and Evolutionary Biology Graduate Student Symposium (Montreal, QC).

LaZerte SE, and Baker A (2007). Genomic Scan using AFLPs Reveals that Red Knot Subspecies are Genetically Differentiated (Poster). University of Toronto Independent Research Projects Poster Symposium (Toronto, ON). Awarded 1st place in Evolution category.

LANGUAGES

ENGLISH: Native language

FRENCH: Proficient (speaking, reading); Intermediate (writing)

GERMAN: Basic (speaking, reading, writing)

SKILLS

Computer Skills

PROFICIENT: LINUX, Ubuntu, R, LaTeX, Microsoft Office (Word, Excel, PowerPoint), OpenOffice (Writer, Calc, Impress), Zotero Reference Manager

FAMILIAR: HTML, Wordpress, GIMP (GNU Image Manipulation Program), Inkscape (Vector graphics editor), RStudio, Shiny (A web application framework for R), general computer programming, general database usage

BEGINNER: PHP, python

Research Skills

Grant and funding applications, Permits and permissions applications, Animal Care applications, Study design and coordination, Data management, Statistical analysis, Publication writing, Report writing, Poster design, Presentations (Academic and Non-academic)

Lab Skills

ANIMAL CARE GENETICS	Care of laboratory rats and mice Familiar with: DNA extraction, PCR, gel electrophoresis
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Field Skills

BIRDS	Localizing, Nest searching and monitoring, Audio recording, Telemetry, Behavioural observations, Playback experiments, Trapping (Mist-netting, Potter's traps), Banding (bands, telemetry backpacks), Blood sampling
SMALL MAMMALS	Telemetry, Behavioural observations, Trapping (Longworth traps), Tagging (ear tags, PIT tags, telemetry collars), Tissue sampling, Remote sensing (video cameras, PIT tag readers)
VEGETATION	Habitat measurements (Canopy cover, tree census, ground cover, etc.), Vegetation sampling
PERSONNEL AND LOGISTICS	Team management, Duty assignments, Organization of housing and transportation

INTERESTS AND ACTIVITIES

Dancing, gardening, cooking, canning or making things from scratch, spinning wool and knitting, Canadian wilderness, hiking, canoeing/kayaking, camping, reading