

Bailey Eagan, MSc, PhD Student

Curriculum Vitae

Vancouver, BC, Canada

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<https://www.baileyheagan.com>

LinkedIn: www.linkedin.com/in/baileyheagan/

EDUCATION

- 2020 –2023 **Ph.D. Applied Animal Biology**, Animal Welfare Program, Faculty of Land and Food Systems, University of British Columbia (Expected Graduation 2023)
Supervisor: Dr Alexandra Protopopova
Thesis: Individual-level behaviour and welfare support for fearful cats in shelters
- 2020 **M.Sc. Applied Animal Biology**, Animal Welfare Program, Faculty of Land and Food Systems, University of British Columbia
Supervisor: Dr David Fraser
Thesis: The effect of animal shelter sound on cat behaviour and welfare
- 2013 **B.Sc. Honours Biology (Integrative Animal Biology)**, Faculty of Science, Queen's University
Supervisor: Dr Robert Montgomerie
Thesis: The effect of high and low food concentrations and temperatures on growth rate and brood size in Daphnia magna populations

GRANTS and FELLOWSHIPS

- 2023 Fear Free and American College of Veterinary Behaviorist Research Grant (\$2500 USD)
Role: Co-Investigator
Anxiety-reducing medication use in shelters in North America
- 2022 Elizabeth R Howland Fellowship (\$2872 CAD)
Role: Student Award Recipient
Faculty of Land and Food Systems Major Award Graduate Fellowship
- 2021 Leonard S Klinck Memorial Fellowship (\$7700 CAD)
Role: Student Award Recipient
Faculty of Land and Food Systems Major Award Graduate Fellowship
- 2021 Fear Free and American College of Veterinary Behaviorist Research Grant (\$5000 USD)
Role: Co-Investigator
Use of gabapentin in behavior modification treatment plans for under socialized and fearful cat
- 2020 UBC Faculty of Land and Food Systems, Internal Research Grant Program (\$25,000 CAD)
Role: Lead Graduate Student Applicant
Reducing pet food waste: Owner acceptance and palatability of a bacteriophage additive in cat and dog food
- 2020 Elizabeth R Howland Fellowship (\$16,000 CAD)
Role: Student Award Recipient
Faculty of Land and Food Systems Major Award Graduate Fellowship
- 2018 Mitacs Accelerate Fellowship (\$20,000 CAD)
Role: Student Award Recipient
Identifying significant sources of noise and their effects on the behaviour and welfare of cats in animal shelter
- 2018 BC SPCA Graduate Student Fellowship (\$20,000 CAD)
Role: Student Award Recipient
The effects of animal shelter sound on cat behaviour and welfare

- 2017 Mountain Equipment Co-op Conservation and Recreation Grant (\$25,000 CAD)
Role: Project Manager, Lead Applicant
Increasing cetacean citizen science through land-based whale watching
- 2016 Telus Community Grant Program (\$25,000 CAD)
Role: Project Manager, Lead Applicant
Bringing the Whale Trail to Canada: Increasing cetacean citizen science through land-based whale watching

HONOURS AND AWARDS

- 2022 Best Oral Presentation Award (2nd Place) (\$150 USD)
International Society for Applied Ethology Regional Conference, UC Davis, CA
- 2022 Special UBC Graduate Scholarship: LFS Presentation People's Choice Award (\$75 CAD)
Faculty of Land and Food Systems Graduate Student Conference, Vancouver, BC
- 2022 President's Academic Excellence Initiative PhD Award (\$940 CAD)
Faculty of Land and Food Systems Graduate Award
- 2022 Ursula Knight Abbott Travel Scholarship in Agricultural Sciences (\$1500 CAD)
Faculty of Land and Food Systems Graduate Travel Award
- 2022 Graduate Student Travel Award (\$500 CAD)
Faculty of Land and Food Systems Graduate Travel Award
- 2022 President's Academic Excellence Initiative PhD Award (\$470 CAD)
Faculty of Land and Food Systems Graduate Award
- 2021 President's Academic Excellence Initiative PhD Award (\$900 CAD)
Faculty of Land and Food Systems Graduate Award
- 2021 Athena Pathways Women in Technology Scholarship (\$500 CAD)
Machine Learning Training, Vancouver, BC
- 2021 Ursula Knight Abbott Travel Scholarship in Agricultural Sciences (\$1500 CAD)
University of British Columbia Travel Award
- 2021 Marion Judith Madsen Memorial Scholarship in Animal Welfare (\$725 CAD)
Faculty of Land and Food Systems Minor Award
- 2020 President's Academic Excellence Initiative PhD Award (\$578 CAD)
Faculty of Land and Food Systems Graduate Award
- 2020 Marion Judith Madsen Memorial Scholarship in Animal Welfare (\$725 CAD)
Faculty of Land and Food Systems Minor Award
- 2019 Marion Judith Madsen Memorial Scholarship in Animal Welfare (\$725 CAD)
Faculty of Land and Food Systems Minor Award
- 2018 Haynes Scholarship for the Advancement of Animal Welfare (\$3800 CAD)
Faculty of Land and Food Systems Minor Award
- 2017 Haynes Scholarship for the Advancement of Animal Welfare (\$3800 CAD)
Faculty of Land and Food Systems Minor Award

RESEARCH PUBLICATIONS

Published

Eagan BH, Eagan B & Protopopova A. Behaviour Real-Time Spatial Tracking Identification (BeRSTID) used for Cat Behaviour Monitoring in an Animal Shelter. *Sci Rep* 12, 17585 (2022). <https://doi.org/10.1038/s41598-022-22167-3>

Eagan BH, Wang S, Hall N and Protopopova A. 2022. Consumer attitudes toward bacteriophage applications to pet food. *Front. Vet. Sci.* 9:921508. <https://doi.org/10.3389/fvets.2022.921508>

Eagan BH, Gordon E, Protopopova A. 2022. Reasons for Guardian-Relinquishment of Dogs to Shelters: Animal and Regional Predictors in British Columbia, Canada. *Frontiers in Veterinary Science Sec. Animal Behavior and Welfare*, 9(1) <https://doi.org/10.3389/fvets.2022.857634>

Protopopova A, Lexis H Ly, **Eagan BH**, Kelsea M Brown. 2022. Climate Change and Companion Animals: Identifying Links and Opportunities for Mitigation and Adaptation Strategies, *Integrative and Comparative Biology*, 61(1), 166-8 <https://doi.org/10.1093/icb/icab025>

Eagan BH, Gordon E & Fraser D, 2021. The effect of animal shelter sound on cat behaviour and welfare. *Animal Welfare*, 30(4), 431-440 <https://doi.org/10.7120/09627286.30.4.006>

Eagan BH. 2020. The effect of animal shelter sound on cat behaviour and welfare (Master of Science Thesis). University of British Columbia. <https://open.library.ubc.ca/collections/ubctheses/24/items/1.0394098>

Manuscripts In-Review and Pre-Prints

Eagan BH, Van Haaften K & Protopopova A. Effects of daily gabapentin on behavior modification and signs of stress in fearful shelter cats from hoarding environments in a double-blind randomized placebo-controlled clinical trial. *Manuscript submitted and in review.*

Eagan BH, Eagan B, Protopopova A. BeRSTID: A Behaviour Real-Time Spatial Tracking Identification System used for Cat Behaviour Monitoring in an Animal Shelter; PREPRINT V1, *Research Square*. <https://doi.org/10.21203/rs.3.rs-1717430/v1>

In Preparation

Eagan BH and Protopopova A. Individual-level cat behaviour and welfare assessment and intervention in animal shelters. *Review manuscript in preparation.*

Eagan BH, Van Haaften K & Protopopova A. The use and reported efficacy of anxiety-reducing medications and anxiety medication alternatives in animal shelters in Canada, the USA and Mexico. *Manuscript in preparation.*

Eagan BH, Nathan Hall, Siyun Wang & Protopopova A. Assessing palatability of bacteriophage additives to dry dog food. *Manuscript in preparation.*

PROFESSIONAL & INDUSTRY PUBLICATIONS

Cant M, Dubois S, **Eagan B**, Fenwick N, Gordon E, Lomb J, Monteith K, van Haaften K, Weist R, Yau E, 2023. Companion Animal Services Standards: Dog Daycare & Walking, Animal Boarding & Grooming January 2023. <https://animalkind.ca/wp-content/uploads/AnimalKind-Companion-Animal-Services-Standards.pdf>

Eagan BH, Eagan B & Protopopova A, December 2022. "Computers on the Animal Care Team in Shelters", West Coast Veterinarian Magazine. https://www.canadianveterinarians.net/media/luujvzi/wcv-winter-2022-magazine-interactive-proof1_compressed-2.pdf

Eagan BH. Spring/Summer 2022. "Sound Advice", BC SPCA AnimalSense Magazine <https://spca.bc.ca/wp-content/uploads/2022/05/animalsense-spring-2022.pdf>

Eagan BH & Protopopova A. 2021. "Helping Fearful Cats in Animal Shelters", BC SPCA Science and Policy Newsletter.

- Eagan BH**, Gordon E, & Fraser D. 2021. "Quiet for the Cats", West Coast Veterinarian Magazine. <https://www.canadianveterinarians.net/media/lpsnyqy3/west-coast-veterinarian-spring-2021.pdf>
- Eagan BH** & Karen Bodtker. 2017. Large Vessel Traffic. Ocean Watch Howe Sound Edition. Coastal Ocean Research Institute 4:112-115. <https://oceanwatch.ca/howesound/>
- Eagan BH**, Caitlin Birdsall, & Tessa Danelesko T. 2016. "A Mariner's Guide to Whales, Dolphins and Porpoises of Western Canada". Port of Vancouver. Vancouver, BC. <https://www.portvancouver.com/wp-content/uploads/2017/07/Mariners-Guide-to-Whales-Dolphins-Porpoises-of-Western-Canada.pdf>
- Eagan BH** & Tessa Danelesko T. 2016. Using Relative Sightings Density Per Unit Indexes to Assess Areas of High Risk for Anthropogenic Threats to Cetaceans and Sea Turtles in British Columbian Waters. Vancouver Aquarium and Department of Fisheries and Oceans Technical Report.
- Eagan BH**. 2014. "Minkes on the Move". Ocean Wise. <https://wildwhales.org/2014/12/10/minkes-on-the-move/>

PRESENTATIONS

Scientific Conference Presentations

- Eagan BH**, Eagan B & Protopopova A. January 2023. Behaviour Real-Time Spatial Tracking Identification (BeRSTID) used for cat behaviour monitoring in an animal shelter. Animal Behaviour Society, Online [Presentation]. <https://twitter.com/BaileyHopeEagan/status/1615876779549536257?s=20>
- Eagan BH**, Van Haaften K, Protopopova A. November 2022. The use of a standardized behaviour modification program and daily gabapentin administration in the treatment of fearful cats from hoarding environments. ASPCA-AAWA Research Forum [Presentation].
- Eagan BH**, Van Haaften K, Protopopova A. June 2022. The use of gabapentin in behaviour modification treatment plans for shelter cats (*felis catus*) from hoarding environments. Veterinary Behaviour Symposium, Austin, TX, USA [Presentation]. <https://www.wevideo.com/view/2743733944> (at 37:00).
- Eagan BH**, Van Haaften K, Protopopova A. April 2022. The effects of sheltering and a behaviour modification program in cats (*felis catus*) from hoarding environments. International Society for Applied Ethology North American Chapter Conference, Davis, CA, USA [Presentation]. http://animalwelfare.ucdavis.edu/uploads/6/3/7/0/63703691/na_isae_2022_proceedings_final.pdf.
- Eagan BH**, Van Haaften K, Protopopova A. March 2022. Associations between behaviour modification program progression, cat stress score, and latency to emerge from hiding in shelter cats (*felis catus*) from hoarding environments. UBC Land & Food Systems Graduate Student Conference 2022, Online [Presentation].
- Eagan BH**, November 2021. Measuring and Minimizing Sound to Improve Cat Welfare. ASPCA-AAWA Research Forum 2021, Online [Presentation]. <https://hopin.com/events/aspc-aawa-research-forum>.
- Protopopova A, **Eagan BH**, Ly L, Brown KM. 2021, Sept 15. Companion Animals and Climate Change: Identifying Links and Opportunities for our Field. Humane Canada Mini Event. Virtual. [Presentation and Workshop].
- Eagan BH**, Eagan B & Protopopova A, June 2021. Validation for automatic computer vision monitoring of cat behaviour. International Society for Applied Ethology International Conference, 2021, Online [Poster].
- Eagan BH**, Eagan B & Protopopova A, August 2021. Validation for automatic computer vision monitoring of cat behaviour. Animal Behavior Society Virtual Conference, 2021, Online [Poster].
- Eagan BH**, Eagan B & Protopopova A, June 2021. Validation for automatic computer vision monitoring of cat behaviour. UFAW International 2021 Conference, Online [Poster].
- Eagan BH**, Gordon E, Fraser D, April 2021. Measuring and Minimizing Sound in Shelters to Improve Cat Welfare, Humane Canada National Animal Welfare Conference 2021, Online [Presentation]. <https://www.youtube.com/watch?v=-HKb9de8Wp4&t=1105s>
- Eagan BH**, Eagan B & Protopopova A, March 2021. Validation for automatic computer vision monitoring of cat behaviour. The Land and Food Systems Graduate Student Conference 2021, Online [Poster].

- Eagan BH**, Gordon E, Protopopova A & Fraser D. January 2020. Behavioural reasons for surrender of dogs and cats to animal shelters in British Columbia. Animal Behavior Society Twitter Conference 2021, Online [Presentation]. <https://twitter.com/BaileyHopeEagan/status/1354109487322288128?s=20&t=epHyujlEZ5PrwsqeVI4NbQ>.
- Eagan BH**, Gordon E, Fraser D, July 2020. The effect of animal shelter sound on cat behaviour and welfare. UFAW Animal Welfare Conference: recent advances in animal welfare science. Online [Poster].
- Eagan BH**, Gordon E, Fraser D, July 2020. The effect of animal shelter sound on cat behaviour and welfare. The 57th Annual Animal Behaviour Society Conference. Online [Presentation].
- Eagan BH & Fraser D**, October 2017. One Welfare: The link between human/animal welfare, involving human mental health in hoarding and neglect. The use of animals in rehabilitation. BC SPCA Animal Cruelty Conference.
- Eagan BH**, April 2016. A Collaborative Approach to Cetacean Conservation, Salish Sea Ecosystem Conference Presentation, Vancouver BC [Presentation].
- Eagan BH**, April 2015. The Whale Trail BC, Marine Mammal Research Symposium, Vancouver BC [Presentation]. <https://www.youtube.com/watch?v=jLJF-i53Ng0>

Invited Public Presentations

- Eagan BH**, March 2023 (scheduled). Behaviour Modification for Cats in Animal Shelters. Professional Animal Care and Training Association of BC, Online [Presentation].
- Eagan BH**, March 2023 (scheduled). Reducing Stress. New England Federation for Humane Societies, Online [Presentation].
- Eagan BH**, March 2023 (scheduled). Supporting Animals in Shelters Through Research. UBC PAW Club Livestream, Online, [Interview].
- Eagan BH**, January 2023. Reducing sound in animal shelters: a how-to guide. Edmonton Humane Society, Online [Presentation].
- Eagan BH**, Dec 2022. Gabapentin and behaviour modification in fearful shelter cats. Maddie's Insights Webcast, Online, [Presentation]. <https://www.youtube.com/watch?v=mOYKGFV82XM>.
- Eagan BH**, October 2022. Gabapentin and Behaviour Modification in Fearful Cats from Hoarding Environments. BC SPCA Shelter Operations Provincial Webinar, Online [Presentation].
- Eagan BH**, July 2022. Artificial Intelligence in Companion Animal Training and Care. BC SPCA Science and Policy Webinar, Online [Presentation].
- Eagan BH**, April 2022. Measuring and Minimizing Sound in An Animal Shelter. BC SPCA Shelter Operations Provincial Webinar, Online [Presentation].
- Eagan BH**, February 2022, Mitigating Sound in Animal Shelters, California Animal Shelter COVID Action Response Team Meeting, Online [Presentation].
- Eagan BH**, April 2022. The Effect of Sound on Cat Behaviour and Welfare in a Shelter Setting, BC SPCA Science & Policy Team Webinar, Online [Presentation].

RELATED WORK EXPERIENCE

- 2022 – Present **Data Science, Statistics and Research Consultant**
Self-Employed
Key Responsibilities: Assist animal shelters with database management, data organization, data visualization, and statistical analysis. Assist veterinary behaviourists with research project design, project execution, statistical analysis, and methods writing and publication.
- 2021 - Present **Animal Shelter Research and Policy Consultant**
Graduate Researcher Independent Contractor
Key Projects: BC SPCA AnimalKind support including research and writing for the Companion Animal Services Standards: Dog Daycare & Walking, Animal Boarding and Grooming, editing support for the BC SPCA AnimalKind Dog Training Standards and Auditing Instruments, scientific content review for AnimalKind companion animal training and care resources (e.g., infographic content development).
- 2019 – Present **Lead Dog Training Standards Auditor**
AnimalKind (British Columbia Society for the Prevention of Cruelty to Animals)
Key Responsibilities: Dog training performance and business auditing of over 50 independent dog training businesses in BC to assess compliance with BC SPCA AnimalKind Dog Training Standards.
- 2021 **Clinical Trial Research Manager**
University of British Columbia (Animal Shelter Research Laboratory)
Key Responsibilities: Management of research planning, research and animal care protocol creation, animal care and data collection of quarantine high-needs care from intake to adoption of cats from hoarding environments for multi-site research projects. Conducted the recruiting, hiring and management of 10 animal care and research staff and ten volunteers and managed all project budgets.
- 2017 **Research Manager and Coordinator**
Ocean Wise Research Institute (formally Coastal Ocean Research Institute)
Key Responsibilities: Reported directly to the Vice President to assist in managing and coordinating daily CORI operational activities. Assisted with CORI research projects as needed, including ocean pollution research, marine mammal research, climate change research and ocean indicator reporting. Coauthored and provided editing support for the Ocean Watch Howe Sound Edition.
- 2014 - 2016 **Marine Mammal Research Assistant and Research Analyst**
Coastal Ocean Research Institute
Key Responsibilities: Founded and established the Whale Trail BC for zero-impact whale watching and citizen science wildlife data collection, personally securing and managing \$50,000 of project funding and leading a multi-stakeholder steering committee. Managed BC Cetacean Sightings Network research and outreach activities. Worked on the development team for WhaleReport Alert System.
- 2014 **Marine Mammal Rehabilitation Assistant**
Vancouver Aquarium Marine Science Centre
Key Responsibilities: Assisted with the intensive care of 130+ onsite marine mammals (varied pinniped and cetacean species), organized and participated in rescues and releases, and coordinated daily site proceedings and medical records.
- 2012-2014 **Veterinary Assistant**
Crossing Bridge Veterinary Hospital
Key Responsibilities: Assisted veterinarians with checkups and procedures, preparation of vaccines and medications, care for in-clinic emergency patients, in-clinic births, and surgery preparation and cleanup. Managed client care, appointment scheduling, medical record maintenance and clinic hygiene. Provided coordination and care support for all aspects of an on-site cat adoption clinic.
- 2011 **Shark Conservation Research Assistant**
Sea Stewards
Key Responsibilities: Collected skin samples and physical dimensions of seven-gill sharks for a study with The California Academy of Science and updated, maintained and streamlined the database. Conducted an ecological assessment for Paradise Cove (Tiburon, CA) to promote the creation of a marine sanctuary. Worked in liaison with government organizations, educational institutions, local fishers, aquariums and homeowners to create a proposed recovery plan for the area.

GRADUATE COURSE COMPLETION

2023	AANB 551B Animal Behaviour and Handling, University of British Columbia (Audit, in progress)
2022 - 2023	CPSC 330 Applied Machine Learning, University of British Columbia (Audit, in progress)
2022 - 2023	Programming for Python in Data Science, University of British Columbia (Audit, in progress)
2021	AANB 550 Experimental Analysis of Animal Behaviour, University of British Columbia (A+)
2019	AANB 530 Directed Study in Applied Animal Behaviour, University of British Columbia (A+)
2018	AANB 551 Tutorials in Animal Welfare Research, University of British Columbia (A+)
2018	AANB 504 Statistical Methods in Applied Research, University of British Columbia (A)
2017	APBI 414: Animals and Global Issues, University of British Columbia (A+)

TEACHING

Teaching Training

2022	Foundations of Pedagogy Course. Centre for Integration of Research, Teaching and Learning, University of British Columbia (40 hours)
2022	CIRTL Associate. Centre for Integration of Research, Teaching and Learning, University of British Columbia.
2022	Instructional Skills Workshop. Centre for Integration of Research, Teaching and Learning, University of British Columbia (24 hours)

Graduate Teaching Assistantships

2022	APBI 313: Experimental Analysis of Animal Behaviour, University of British Columbia (60 students)
2021	APBI 315: Animal Welfare and Ethics of Animal Use, University of British Columbia (80 students)
2020	APBI 414: Animals and Global Issues, University of British Columbia (20 students)
2019	APBI 315: Animal Welfare and Ethics of Animal Use, University of British Columbia (80 students)
2018	APBI 413: Stress and Coping in Animals, University of British Columbia (60 students)
2017	APBI 314: Animals in Society, University of British Columbia (40 students)

Invited Teaching Seminars

2022	Guest Lecturer, Animal Welfare and the Ethics of Animal Use (APBI 315), University of British Columbia, "Animal Shelters and Society"
2022	Guest Lecturer, Principles of Animal Sheltering and Companion Animal Support Systems (APBI 214), University of British Columbia, "Cat Welfare in Animal Shelters"
2022	Workshop Presenter, Foundations of Pedagogy, University of British Columbia, "What is Animal Welfare?"
2022	Workshop Presenter, Foundations of Pedagogy, University of British Columbia, "Artificial Intelligence in Dog Training"
2021	Guest Lecturer, Animal Welfare and the Ethics of Animal Use (APBI 315), University of British Columbia, "Incorporating Natural Living into Cat Welfare Practices in a Shelter Environment"

2021	Guest Lecturer, Animal Welfare and the Ethics of Animal Use (APBI 315), University of British Columbia, "Tips and Tricks for Communicating Research Findings"
2021	Guest Lecturer, Evergreen College, "The Effect of Sound on Cat Behaviour and Welfare in a Shelter Setting"
2020	Guest Lecturer, Stress and Coping (APBI 413), University of British Columbia, "Stress and Coping in Cats"
2019	Guest Lecturer, Stress and Coping (APBI 413), University of British Columbia, "Stress and Coping in Cats"
2018	Guest Lecturer, Stress and Coping (APBI 413), University of British Columbia, "Companion Animal Welfare"
2018	Guest Lecturer, Stress and Coping (APBI 413), University of British Columbia, "Companion Animal Welfare"

Teaching Facilitation

2022	Group Facilitator, Animal Welfare and the Ethics of Animal Use (APBI 315), University of British Columbia, "Calf Housing and Separation"
2021	Group Facilitator, Animal Welfare and the Ethics of Animal Use (APBI 315), University of British Columbia, "Cow Castration"
2020	Group Facilitator, Animal Welfare and the Ethics of Animal Use (APBI 315), University of British Columbia, "Cow Castration"

DATA SCIENCE AND RESEARCH SKILLS

Programming Languages/Frameworks: R Programming, Python, Pandas, SAS, scikit-learn, OpenCV, SAS

Other Software/Tools: Tableau, MS Access, R Studio, ArcGIS

General Skills: Data visualization, data preparation and cleaning, statistical modelling, machine learning, database management

TRAINING AND CERTIFICATIONS

2023	Qualitative Research Design, Emory University Coursera Course (in progress)
2022 - 2023	DataCamp Data Scientist in Python Certification (in progress)
2022	DataCamp Courses: Regression in R, Data Science for Everyone, Survival Analysis / Time-to-Event Analysis in R
2022	Practical Machine Learning, Johns Hopkins University, Coursera Course
2022	Machine Learning in Python, Stanford University Coursera Course
2022	Programming in Python, Google Coursera Course
2021	Indigenous Canada, University of Alberta Coursera Course
2020	UBC Diversity and Equity in Hiring, University of British Columbia Certificate Course
2019	Transportation of Dangerous Goods, University of British Columbia Safety & Risk Services
2017	Introduction to ARC GIS , British Columbia Institute of Technology
2017	Dog Behaviour and Training Level 1, International Academy of Canine Trainers (50 hours in-person course)
2017	Dog Walking and Training Certification, International Academy of Canine Trainers (20 hours in-person course)

2016 Animal Behaviour and Welfare, University of Edinburgh Coursera Course

2016 Chicken Behaviour and Welfare, University of Edinburgh Coursera Course

2016 Dog Emotion and Cognition, Duke University Coursera Course

2016 Small Vessel Operator Proficiency, Datum Marine Services Ltd.

2014 Certified Wildlife Rehabilitator, International Wildlife Rehabilitation Council

2012 Rescue Scuba Diver, Professional Association of Dive Instructors

SERVICE, EXTENTION, IMPACT & VOLUNTEER EXPERIENCE

2022-Present Shelter Resource Creation

- *Behaviour Modification Infographic for Fearful Cats (v1)*. 2022. Currently available in 13 languages at: <https://www.baileyheagan.com/resources>, listed as cat-specific best-practices for humane handling on BC SPCA AnimalKind <https://animalkind.ca/dog-training-and-care-services/for-pet-service-businesses/behaviour-modification> for fearful cats)
- *Guide for Reducing Sound in Animal Shelters (v1) (in co-author review)*

2023 Research cited in The Association of Shelter Veterinarians' Guidelines for Standards of Care in Animal Shelters, Second Edition (<https://jsmcah.org/index.php/jasv/article/view/42/19>)

2021-Present Animal Shelter Sound Reduction Volunteer Consulting

- Edmonton SPCA (2023)
- BC SPCA 36 Shelter Facilities (2020 – present)
- YWCA Nashville & Middle Tennessee (2022)
- CASCAR: California Animal Shelter COVID Action Response (2021)
- Shelter Medicine Program at the University of California Davis (2021)

2019-2020 Ad-hoc reviewer for Frontiers, Journal of Applied Animal Welfare Science, Animals

2019 Writing and editing assistance for the Code of Practice for Canadian Cattery Operations

2019 UBC Animal Welfare Program Internal Award Competition Coordination

2019 BC SPCA Animal Behaviour Science Symposium event volunteer

2018 BC SPCA Animal Behaviour Science Symposium event volunteer

2016-2018 Founder and Chair of The Whale Trail BC Steering Committee

2014-2018 Vancouver Aquarium Green Team and Charity Event Volunteer

2014-2017 Vancouver Aquarium Acoustic Research and Wild Killer Whale Adoption Program

2014 Association of Professional Biology Fundraising Assistant

2013 Queen's University Palaeoecological Environmental Assessment Research Assistant

2013 Crossing Bridge Veterinary Hospital Cat Shelter

2013 Kingston Animal Rescue Volunteer

2013 Founder and President of Shark Savers Queen's and Fishy Choices

2012 Lanark County Animal Welfare Society

COMMITTEES, MEMBERSHIPS AND PROFESSIONAL ASSOCIATIONS

2023	International Society for Applied Anthrozoology, Member
2022 - present	Qualitative Research Club
2019 - present	UBC Animal Welfare Program Diversity, Equity and Inclusion Committee Member
2019 - present	UBC Animal Welfare Program Social Development Committee Member
2020 - present	Animal Behavior Society, Member
2020 - present	International Society for Applied Ethology Member
2018- 2020	UBC Animal Welfare Program Profession Development Committee Member
2018-2020	UBC Animal Welfare Program Seminar Coordinator
2013	Founder and President of Shark Savers Queen's and Fishy Choices

MEDIA MENTIONS

- BC SPCA AnimalKind, 2023. "Are you committed to achieving high animal welfare and want more information for your business?" <https://animalkind.ca/dog-training-and-care-services/for-pet-service-businesses/> ([Behaviour modification](#) for fearful cats)
- BC SPCA Science & Policy Newsletter, Fall 2022. "UBC students tackling big questions in animal welfare" <https://spca.bc.ca/wp-content/uploads/science-policy-newsletter.pdf>
- Vancouver is Awesome, 2022. "These BC Researchers Want to Study Your Dog" <https://www.vancouverisawesome.com/highlights/these-bc-researchers-want-to-study-your-dog-5847428>
- RSCPA Animal Welfare Science Update, 2022. "Noise Reduction in Shelters Improves Cat Welfare" https://www.rspca.org.au/sites/default/files/science-update/ScienceUpdate75_January2022.pdf
- UBC Animal Welfare Program, 2022. "Congratulations to our Graduate Student Conference Presenters!" <https://awp.landfood.ubc.ca/2022/03/31/congratulations-to-our-graduate-student-conference-presenters/>
- UBC Land and Food Systems, 2022. "Making Science More Accessible: Three Graduate Students Share how they are Communicating Research" <https://awp.landfood.ubc.ca/2022/07/06/making-science-more-accessible-three-graduate-students-share-how-they-have-found-different-ways-to-communicate-their-research/>
- UBC Animal Welfare Program, 2022. "Research on the Impact of Sound in Animal Shelters on Cat Behaviour and Welfare" <https://twitter.com/ubcAWP/status/1551621878166392832?s=20&t=nmDikuEJCH00VcdyWAmYPw>
- BC SPCA, 2021. "How BC SPCA Experts are Supporting the Next Generation of Animal Welfare Leaders" <https://spca.bc.ca/news/how-bc-sPCA-experts-are-supporting-the-next-generation-of-animal-welfare-leaders/>
- Humane Canada, 2021. "Livestream with Bailey Eagan for the National Animal Welfare Conference"
- UBC Faculty of Land and Food Systems, 2020. "<https://www.landfood.ubc.ca/improving-animal-welfare-in-shelters/>
- BC SPCA, 2019. "Research to Improve the Lives of Cats in Shelters" <https://spca.bc.ca/wp-content/uploads/science-policy-newsletter-spring-2019.pdf>
- Global News Hour at 6, 2017. "New census aims to get numbers on northern whale population" <https://globalnews.ca/video/3627750/new-census-aims-to-get-numbers-on-northern-whale-population>
- The Whale Trail, 2017. "Bringing the Whale Trail to BC" <https://thewhaletrail.org/sites/lighthouse-park-west-vancouver/>
- Ocean Wise, 2015. "Getting the Killer Whale Call" <https://www.aquablog.ca/2015/03/getting-the-killer-whale-call/>

STUDENTS MENTORED

Undergraduate Student Mentorship and Supervision

Name	Role	Duration of Supervision
Mabel Guo	Undergraduate Honours Thesis Student (<i>Thesis: Bunny behaviour and welfare in a café setting</i>)	September 2022 – August 2023
Tatiana Chambers	Undergraduate Research Assistant	September 2021 – Present
Maki Watanabe	Co-op Science Student	April – March 2022
Sabrina Lim	Undergraduate Research Assistant	September – December 2021
Caily Mellot	Work Learn, Undergraduate Research Assistant	September – December 2021
Sylvia Kimmel	Work Learn, Undergraduate Research Assistant	September – December 2021
Bryna Turk	Research Methods in Applied Biology Mentee	September – December 2021
Lilith Scherzer	Research Methods in Applied Biology Mentee	September – December 2021
Angelina Ta	Research Methods in Applied Biology Mentee	September – December 2021
Jerzhel Rodrigues	Volunteer Research Assistant	September – December 2021
Ekaterina Manskaia	Volunteer Research Assistant	September – December 2021
Calina Chan	Volunteer Research Assistant	September – December 2021
Sora Jeong	Volunteer Research Assistant	September – December 2021
Angelina Ta	Volunteer Research Assistant	September – December 2021
Shirin Mir Salimi	Volunteer Research Assistant	September – December 2021
Abby Rollin	Volunteer Research Assistant	September – December 2021
Shannia Iskandar	Volunteer Research Assistant	September – December 2021
Shaghayeghsadat Khoddami	Directed Study Student	April – September 2021
Chu yi Cui	Work Learn, Undergraduate Research Assistant	April – December 2021
Chloe Chambers	Undergraduate Research Assistant	April – December 2021
Phoebe Lam	Work Learn, Undergraduate Research Assistant	April – December 2021
Tiffany Tang	Co-op Science Student	April – December 2021
Hannah Spitzer	Undergraduate Honours Thesis Student (<i>Thesis: Environmental factors impacting cat behaviour and welfare in an animal shelter</i>)	September – August 2020
Cherri Deng	Directed Study Student, Co-Supervisor	September – December 2019
Emma Piercey	Directed Study Student, Co-Supervisor	September – December 2019
Kai von Rentzell	Directed Study Student, Co-Supervisor	September – December 2019

DIVERSITY, EQUITY & INCLUSION EDUCATION

2023	Teaching in a Time of Racial and Cultural Tension Workshop (in progress)
2022	Reconciliation in Animal Welfare Symposium and Workshop
2020-2021	Indigenous Canada, University of Alberta Coursera Course
2020	UBC Diversity and Equity in Hiring, University of British Columbia Certificate Course
2020 – Present	UBC Animal Welfare Program Diversity, Equity and Inclusion Committee Member