

SHASTA E. WEBB

Dept. of Biological Sciences
Email: swebb5@nd.edu
Website: shastawebb.com
X: @webbshasta

University of Notre Dame
Notre Dame, Indiana
United States of America
46556

Host-microbe symbioses, metagenomics, microbiome, non-human primates, plasticity

PROFESSIONAL APPOINTMENTS

2022-present Postdoctoral researcher Department of Biological Sciences, University of Notre Dame, Indiana, USA (Adv. Dr. Elizabeth Archie)

EDUCATION

2022 PhD Biological Anthropology, University of Calgary, Alberta, Canada
Microbial and Behavioural Responses to Long Life: Exploring Plasticity and Resiliency in Wild, White-Faced Capuchin Monkeys (Adv. Dr. Amanda Melin)

2017 MA Biological Anthropology, University of Calgary, Alberta, Canada
Examining behaviour across reproductive states in wild Costa Rican capuchins (Cebus capucinus imitator) (Adv. Dr. Amanda Melin)

2013 BA Anthropology (*cum laude*), Macalester College, Minnesota, USA
Perspectives on intentional and unintentional habituation of non-endangered non-human primates in Costa Rica, Kenya, and India (Adv. Dr. Scott Legge)

RESEARCH GRANTS AND AWARDS

2022	International Society for Behavioral Ecology Student Travel Award	\$1400 USD
2021	PacBio-Guelph University Local SMRT Grant	\$6000 CAD
2020	Leakey Foundation Research Grant	\$15 000 USD
2020	Sigma Xi Grant-in-Aid of Research	\$1000 USD
2019	UCalgary Graduate Student Assoc. Professional Dev. Grant	\$750 CAD
2018	Alberta Children's Hospital Research Institute Travel Award	\$500 CAD
2018	UCalgary Faculty of Graduate Studies Travel Award	\$750 CAD
2016	Sigma Xi Grant-in-Aid of Research	\$1000 CAD
2016	Alberta Children's Hospital Grant Gall Traineeship	\$3000 CAD
2016	American Society of Primatologists General Small Grant	\$1500 USD
2016	University of Calgary Academic Project Support Grant	\$750 CAD
2013	Student Travel Funding Award Macalester College	\$500 USD
2013	American Assoc. of Physical Anthropologists Pollitzer Contest	\$500 USD

FELLOWSHIPS AND SCHOLARSHIPS

2021-2022 University of Calgary Eyes High International Doctoral Scholarship *Adjusted to \$6000 CAD \$*15 000 CAD

2021-2022	P.E.O. Scholar Award awarded by P.E.O. Sisterhood	\$20 000 CAD
2021	University of Calgary Graduate College Scholarship	\$2000 CAD
2018-2021	Alberta Innovates Technology Futures Scholarship (PhD)	\$24 000 CAD
2018-2021	Vanier Canada Graduate Scholarship (NSERC)	\$150 000 CAD
2017-2021	UCalgary Eyes High Doctoral Recruitment Scholarship *Adjusted to \$32 000 CAD	*\$120 000 CAD
2016-2017	Dr. D. Grant Gall Graduate Student Traineeship *Adjusted to \$20 000 CAD	*\$40 000 CAD
2016	Alberta Innovates Technology Futures Scholarship (Master's)	\$26 500 CAD
2016	Helmsley Fellowship (Cold Spring Harbor Lab course tuition support)	\$3500 USD
2014	American Soc. of Primatologists Maderas Conservancy Scholarship	\$2000 USD Value
2011-2012	Undergraduate fellowships at Macalester College	>\$45 000 USD

PUBLICATIONS IN PROGRESS

- 2023** **Webb, S. E.**, Carboni, S., DePasquale, A., Williamson, R. E., Cheves Hernandez, S., Lopez, R., Melin, A. D. (in review). Social and ecological drivers of behavioural diversity in wild Costa Rican capuchins. *Behavioural Ecology*. Submission ID: BEHECO-2023-0247
- 2023** **Webb, S. E.**, Orkin, J. D., Williamson, R. E., and Melin, A. D. (in review). Activity budget and gut microbiome structure across reproductive states in wild, female capuchin monkeys. *Animal Microbiome*. Submission ID: fb6f4e70-3240-4a59-a37d-fafadaf8c16a

PUBLICATIONS

*denotes co-first authorship

- 2022** **Webb, S. E.**, Teullet, S., & Stothart, M. R. Growing and maintaining a network for early career researchers through the Animal Microbiome Research Group. *Evolutionary Anthropology*. <https://doi.org/10.1002/evan.21941>
- 2022** Melin, A. D., Veilleux, C. C., Janiak, M. C., Hiramatsu, C., Sánchez-Solano, K. G., Lundeen, I. K., **Webb, S. E.**, Williamson, R. E., Mah, M. A., & Murillo-Chacon, E. Anatomy and dietary specialization influence sensory behaviour among sympatric primates. *Proceedings of the Royal Society B*, 289(1981), 20220847. <https://doi.org/10.1098/rspb.2022.0847>
- 2021** Williamson, R. E.*, **Webb, S. E.***, Dubreuil, C., Lopez, R., Cheves Hernandez, S., Fedigan, L. M., & Melin, A. D. Sharing spaces: Niche differentiation in diet and substrate use among wild capuchin monkeys. *Animal Behaviour*. <https://doi.org/10.1016/j.anbehav.2021.06.002>
- 2021** DePasquale, A. N., **Webb, S. E.**, Williamson, R. E., Fedigan, L. M., & Melin, A. D. Testing the niche differentiation hypothesis in wild capuchin monkeys with polymorphic color vision. *Behavioral Ecology*, arab001. <https://doi.org/10.1093/beheco/arab001>
- 2020** Melin, A. D., Hogan, J. D., Campos, F. A., Wikberg, E., King-Bailey, G., **Webb, S. E.**, Kalbitzer, U., Asensio, N., Murillo-Chacon, E., Hernandez, S. C., Chavarria, A. G., Schaffner, C. M., Kawamura, S., Aureli, F., Fedigan, L., & Jack, K. M. Primate life history, social dynamics, ecology, and conservation: Contributions from long-term research in Área de

Conservación Guanacaste, Costa Rica. *Biotropica*, 52(6), 1041–1064.
<https://doi.org/10.1111/btp.12867>

- 2019** Orkin, J. *, **Webb, S. E. ***, & Melin, A. Small to modest impact of social group on the gut microbiome of wild Costa Rican capuchins in a seasonal forest. *American Journal of Primatology*, 81(11), e22985. <https://doi.org/10.1002/ajp.22985>
- 2018** Melin, A. D., **Webb, S. E.**, Williamson, R. E., & Chiou, K. L. Data Collection in Field Primatology: A Renewed Look at Measuring Foraging Behaviour. In U. Kalbitzer & K. M. Jack (Eds.), *Primate Life Histories, Sex Roles, and Adaptability: Essays in Honour of Linda M. Fedigan* (pp. 161–192). Springer International Publishing. https://doi.org/10.1007/978-3-319-98285-4_9.
- 2014** **Webb, S. E.**, & McCoy, M. B. Ecotourism and primate habituation: Behavioral variation in two groups of white-faced capuchins (*Cebus capucinus*) from Costa Rica. *Revista de Biología Tropical*, 62(3), 909–918. <https://doi.org/10.15517/rbt.v62i3.14064>

FIELD RESEARCH EXPERIENCE

- 2020** *Research at Kids Saving the Rainforest (KSTR), Quepos, Costa Rica*
- 3-week dietary experiment with captive white-faced capuchins at KSTR Wildlife Sanctuary
- 2016-2022** *Field research at Sector Santa Rosa, ACG, Costa Rica*
- Cumulative 12-month field research including fecal sampling, individual monkey identification, focal following, scan sampling, environmental sample collection, research design, permitting
 - Supervised 4 undergraduate field assistants; 2 MA students; 1 postdoc
- 2015** *Maderas Rainforest Conservancy Field Course in Primate Behavior & Ecology*
- 3-week field course at La Suerte Biological Field Station, Costa Rica
 - Funded by the Maderas Rainforest Conservancy Scholarship for Education and Training in Field Primatology awarded by the American Soc. of Primatologists
- 2013** *Cultural Resource Management Archaeological Technician*
- 10-week phase I archaeological survey in Inver Grove Heights, MN
 - Position funded by the Macalester College Anthropology Department
- 2013** *Macalester College Honours Independent Study in Anthropology*
- 18-month independent research project & public oral defense
 - Project title: “Perspectives on intentional and unintentional habituation of non-endangered non-human primates in Costa Rica, Kenya, and India”
- 2012** *Independent Research Project at Curú Wildlife Refuge and Hacienda*
- 8-week primate behavioural field research in Puntarenas, Costa Rica
 - Project title: “Behavioural effects of human activity on wild white-faced capuchins (*Cebus capucinus*) at Curú Wildlife Refuge and Hacienda, Puntarenas, Costa Rica”

LABORATORY EXPERIENCE

- 2017-2020** *Independent lab work for PhD at University of Calgary*
- Cumulative 7 months of fecal microbial DNA extraction, purification, and quantification, 16S library preparation & sequencing with Illumina MiSeq
 - Organization & database management of multiple years of biological samples
- 2017-2020** *Laboratory assistant training at University of Calgary*

- Trained 3 undergraduate assistants and 2 visiting scholars in laboratory methods including DNA extraction from fecal samples, purification, and quantification
- 2015** *Independent study in genetics laboratory methods*
- 4-month intensive training in wet lab methods at Washington University in Saint Louis, MO, USA
 - Fecal microbial DNA extraction, purification, and quantification

COMPUTATIONAL EXPERIENCE

- 2019** *Genome Informatics Workshop, University of Calgary*
- Participant in 1-week intensive workshop on metagenomic assembly & annotation
- 2018** *Genome-centric Metagenomics Workshop, University of Calgary*
- Participant in 1-week intensive course in metagenomics analysis methods
- 2017** *Cold Spring Harbor Laboratory Programming for Biology Course*
- Participant in 2-week course in programming in Python for biology research
 - Funded by CSHL (\$4165 USD); competitive admittance
- 2017** *R Wizardry: Advanced Topics in Biology Course, University of Calgary*
- Participant in semester-long course in R programming
- 2017** *R Bootcamp, University of Calgary*
- Participant in 1-week intensive R course
- 2016** *Cold Spring Harbor Laboratory Programming for Biology Course*
- Participant in 2-week course in programming in Perl for biology research
 - Funded by Helmsley Fellowship (\$3500 USD), Department of Anthropology (\$500 CAD) and the Graduate Student Association of University of Calgary (\$750 CAD); competitive admittance

TEACHING

- 2023** *Independent Study in Bioinformatics*
- Creator and instructor of course-based independent study in computational methods for analyzing microbiome data (Winter 2022; 3 students)
- 2022** *Teaching Assistant at University of Calgary*
- ANTH 350 Laboratory Practice in Biological Anthropology (Winter 2022; 20 students)
 - ANTH 201 Introduction to Biological Anthropology (Winter 2022; 150 students)
- 2021** *Teaching Assistant at University of Calgary*
- ANTH 413 Methods in Primatology (Fall 2021; 60 students)
 - ANTH 451 Topics in Primate Behavioural Ecology and Conservation (Fall 2021; 55 students)
- 2020** *Anthropology 613 Issues & Methods in Biological Anthropology*
- Co-Creator & Co-Instructor with Dr. Amanda Melin; required course for graduate students in Dept. of Anthropology (Fall 2020; 6 students)
- 2020** *Introduction to R & RStudio Workshop Series at University of Calgary*
- Co-Creator & Co-Instructor with Dr. Mareike Janiak; three-part virtual workshop series geared toward graduate trainees new to R-coding (Summer 2020; 20-30 students)
- 2018, 19, 22** *Cold Spring Harbor Laboratory Programming for Biology Course*
- Teaching assistant for 2-week course in programming in Python for research in biology at Cold Spring Harbor Lab, New York (October 2018, 2019, 2022; 21 students)

MENTORING AND LEADERSHIP

- 2021** *Macalester College MacExplore Alumni Mentor*
- Co-mentor to team of 4 students working to submit a proposal to a non-profit humanitarian group
- 2019-2022** *Graduate Leaders Circle at University of Calgary*
- Workshop facilitator and mentor for graduate students applying for national scholarships; appointed by Dean of Scholarships
- 2018-2022** *Mentor with Graduate Leadership Circle at University of Calgary*
- Mentored graduate students submitting funding applications at Univ. of Calgary
 - Mentored 10 PhD student applicants through Vanier application process (5 were awarded scholarships)
- 2017,18, 21** *Graduate-Undergraduate Mentoring Program at University of Calgary*
- Mentored 3 undergraduate students through monthly meetings and participating in career development workshops
- 2013** *Editor-in-Chief; The Mac Weekly, Macalester College's Student Newspaper*
- 2012** *Managing Editor; The Mac Weekly, Macalester College's Student Newspaper*
- 2012** *Academic Preceptor for Ethnographic Interviewing Methods Course; Macalester College*

INVITED TALKS AND GUEST LECTURES

***Canceled or postponed due to COVID-19 pandemic*

- 2022** *Biofrass: Notre Dame Department of Biological Sciences Weekly Seminar Series*
- Speaker for weekly seminar series for Dept. of Biological Sciences students
- 2022** *Sigma Xi Grants-in-Aid of Research Centennial Spring Event*
- Invited speaker for lecture on plasticity in capuchins and receiving 2 GIAR awards
- 2022** *Santa Rosa National Park Day of Research Talks for Ecotourism Students*
- Invited co-presenter for annual Day of Research Talks for Ecotourism Students in Guanacaste, Costa Rica; presented in Spanish
 - Talk title: Las Carablanas del Sector Santa Rosa: La Biología, Ecología, e Interacciones entre Humanos y Primates
- 2021** *Calgary Public Library & The Graduate College Lunch and Learn Series*
- Invited speaker for monthly virtual Lunch and Learn Series
 - Talk title: Primate Reproduction: Gut bugs and behaviour
- 2021** *ANTH 451: Topics in Primate Behavioural Ecology and Conservation*
- Guest speaker for lecture on plasticity and resilience in capuchins
- 2020** *Festival de Primates Chiricanos: Festival en Casa en Instagram Live*
- Invited speaker for live discussion (in Spanish) about capuchin research
- 2019** *Graduate-Undergraduate Mentoring Program Panelist*
- One of three panelists invited to discuss graduate school applications
- 2017** *Graduate Student Association Research in the Pub Series in Calgary, Alberta*
- Invited speaker for public science outreach in Calgary
 - Talk title: "Monkey Moms and the Microbiome: exploring how white-faced capuchin monkeys respond to pregnancy and lactation"
- 2016** *Santa Rosa Field School Lecture at Sector Santa Rosa, Costa Rica*
- Invited speaker for field school of undergraduate students in biology
 - Talk title: "Field Work in Santa Rosa: Methods and Ethics"
- 2016** *Macalester College Senior Seminar in Anthropology*
- Invited speaker (virtual) for seminar in anthropology
 - Talk title: "Graduate School: Reflections and Advice"

- 2013** *Macalester College Introduction to Anthropology Course*
- Invited speaker (virtual) for seminar in anthropology
 - Talk title: “Field Work in Curú Wildlife Refuge: Design and Challenges”

SCIENCE COMMUNICATION, OUTREACH, AND MEDIA

***Canceled or postponed due to COVID-19 pandemic*

- 2023** *University of Notre Dame College of Science Joint Annual Meeting*
- Served as a judge for 6 undergraduate posters and 8 research talks
- 2022** *University of Notre Dame College of Science Postdoc Lightning Talks*
- Participated in qualifying and final rounds of Lightning Talks, which involved giving a 3-minute presentation with the aid of one slide to a public audience
- 2020** *Nurse Family Partnership (NFP) Virtual Journal Club*
- Guest journal club facilitator for NFP chapter in Philadelphia, USA
- 2020** *Leakey Foundation Grantee Spotlight*
- Interviewed & profiled for Leakey Foundation Grantee Spotlight: (<https://leakeyfoundation.org/grantee-spotlight-shasta-webb/>)
- 2020** *Pint-of-Science Science Communication Festival***
- Coordinated 6 science speakers for 3-day Pint-of-Science Festival (May 11-13), Calgary, AB, Canada
- 2019-21** *Skype a Scientist Volunteer Presenter*
- Virtual lectures for K-12 students about science research
 - October 2019; May 2021; June 2021
- 2019** *Dalhousie Elementary School (K-5th) Host-Parasite Interaction Group Outreach*
- Lecture: “Parasites, Monkeys, and Field Work”
- 2018** *CURRENT EXCHANGE: A Blog by Cold Spring Harbor Laboratory*
- Interviewed and profiled for blog: currentexchange.cshl.edu/blog/2018/6/repeat-visitor-shasta-webb
- 2017** *Up Goer 5: University of Calgary Anthropology & Archaeology Edition*
- Organized departmental Up Goer 5 event which challenges researchers to present their work using the 1000 most common words in English; 5 graduate students representing 3 sub-fields of anthropology presented their research to an audience of >30 students, staff, and faculty

CONFERENCE PRESENTATIONS

***canceled or postponed due to COVID-19 pandemic*

- 2023** **Webb, S. E.** Lutz, H., Roche, K., Nonnamaker, L. E., Alberts, S. C., Tung, J., Gilbert, J. A., Archie, E. A.. Does taxonomic personalization lead to functional personalization in wild baboons (*Papio cynocephalus*)? Poster presentation at the Gordon Research Conference: Animal-Microbe Symbioses. Lucca (Barga), LU, Italy.
- 2022** **Webb, S. E.**, DePasquale, A., Hogan, J. D., Cheves Hernandez, S., Lopez Navarro, R. A., Melin, A. D., Group size and ecological factors influence behavioural synchrony in white-faced capuchin monkeys (*Cebus imitator*). Poster presentation at the 18th International Society for Behavioral Ecology Congress. Stockholm, Sweden.

- 2021** **Webb, S. E.**, Melin, A. D. Gut microbial resilience and drought: Preliminary results from wild, white-faced capuchin monkeys. Oral presentation at the 2nd Annual Animal Microbiome Research Group Meeting. Virtual meeting.
- 2021** **Webb, S. E.**, Orkin, J. D., Williamson, R. E., and Melin, A. D. Behaviour and gut microbial ecology in reproduction: flexibility and ecological constraints in wild white-faced capuchins. Invited oral presentation at International Primatological Society's Virtual Symposium.
- 2021** **Webb, S. E.**, Orkin, J. D., Williamson, R. E., and Melin, A. D. Activity budget and gut microbiome fluctuations among and within reproductive states in wild primates indicate fine-scale host flexibility. Oral presentation at the 90th Annual Meeting for the American Association of Physical Anthropologists. Virtual meeting.
- 2020** **Webb, S. E.** and Melin, A. D. Does colour vision phenotype influence the gut microbiome via diet modulation? Abstract accepted for oral presentation at the XXVII Congress for the International Primatological Society. Quito, Ecuador.**
- 2020** **Webb, S. E.**, Orkin, J. D., Williamson, R. E., and Melin, A. D. Do behavioral and gut microbiome shifts associate with changing reproductive states in wild primates? Invited poster symposium at the 89th Annual Meeting for the American Association of Physical Anthropologists. Los Angeles, California, USA.**
- 2019** **Webb, S. E.**, Orkin, J. D., and Melin, A. D. Behavioral and microbial responses to reproductive changes in wild white-face capuchins (*Cebus capucinus imitator*). Poster presentation at the Gordon Research Conference: Animal-Microbe Symbioses. West Dover, Vermont, USA.
- 2018** **Webb, S. E.**, Orkin, J. D., and Melin, A. D. White-face capuchin (*Cebus capucinus imitator*) responses to pregnancy & lactation: what roles do the gut microbiota play? Podium presentation at the 41st meeting of the American Society of Primatologists in San Antonio, Texas, USA. (Presented in Spanish as part of ASP's first annual Simposio en Español.)
- 2017** **Webb, S. E.** and Melin, A. D. Meeting energy and nutrient demands in pregnancy and lactation: examining behavioural strategies in wild white-faced capuchins (*Cebus capucinus imitator*). Invited symposium podium presentation at the 45th Annual Meeting for the Canadian Association for Physical Anthropology. Edmonton, Alberta, Canada.
- 2016** **Webb, S. E.**, Orkin, J. D., and Melin, A. D. Investigating white-face capuchin (*Cebus capucinus imitator*) gut microbial responses to pregnancy and lactation. Poster presentation at the Alberta Children's Hospital Research Institute Genes, Development, and Health Retreat. Banff Centre for Arts and Creativity, Banff, Alberta, Canada.
- 2013** **Webb, S. E.**, and Michael B. McCoy. Behavioral Effects of Human Activity on Wild White-faced Capuchins (*Cebus capucinus*) at Curú Wildlife Refuge and Hacienda in Puntarenas, Costa Rica. Poster presentation at 83rd Annual Meeting for American Association of Physical Anthropologists. Knoxville Convention Center, Knoxville, Tennessee, USA.

CONFERENCE CONTRIBUTIONS

**canceled or postponed due to COVID-19 pandemic

- 2020** Carrie C. Veilleux, Chihiro Hiramatsu, **Webb, S. E.**, Ingrid Lundeen, Mareike C. Janiak, Colleen M. Schaffner, Filippo Aureli, Shoji Kawamura, Melin, A. D. Behavioral ecology of olfaction in sympatric platyrrhines and the role of anatomical proxies of olfactory reliance. Abstract accepted for oral presentation at the XXVII Congress for the International Primatological Society. Quito, Ecuador.**
- 2019** Allegra N. DePasquale, Williamson, R. E., **Webb, S. E.**, Linda M. Fedigan, and Melin, A. D. Monkey See, Monkey Eat: Does Color Vision Phenotype Impact Foraging Activity Budgets of Wild White-faced Capuchins (*Cebus capucinus imitator*)? Oral Presentation at Rutgers University's 3rd Annual Lembersky Conference in Human Evolutionary Studies: Advances in Primate Nutritional Ecology, Health, and Energetics. New Brunswick, New Jersey, USA.
- 2018** Williamson, R. E., **Webb, S. E.**, Linda M. Fedigan and Melin, A. D. Variation in foraging and fruit selection across age and sex classes of white-faced capuchin monkeys (*Cebus capucinus imitator*). Podium presentation at the 41st meeting of the American Society of Primatologists in San Antonio, Texas, USA.
- 2018** Carrie C. Veilleux, Chihiro Hiramatsu, **Webb, S. E.**, Filippo Aureli, C. M. Schaffner, Shoji Kawamura, and Melin, A. D. Interspecific differences in sensory foraging behavior among sympatric platyrrhines. Podium presentation at the 41st meeting of the American Society of Primatologists in San Antonio, Texas, USA.
- 2018** Carrie C. Veilleux, Chihiro Hiramatsu, Kim Valenta, **Webb, S. E.**, Filippo Aureli, Shoji Kawamura, and Melin, A. D. Interspecific and intraspecific variation in the use of manual touch during fruit foraging in primates. Presentation at 87th Annual Meeting for American Association of Physical Anthropologists. Austin, Texas, USA.
- 2017** Orkin, J. D., **Webb, S. E.**, and Melin, A. D. Three years of sampling the gut microbiota of free-ranging capuchin monkeys (*Cebus capucinus imitator*) in a tropical dry forest. Oral presentation at 86th Annual Meeting for American Association of Physical Anthropologists. New Orleans, Louisiana, USA.
- 2013** Carol E. Mejía, Scott S. Legge, Edward P. Fleming, Laura Holt, Kate A. Sinnott, Zoë Tomasello, and **Webb, S. E.** Tales Beneath the Trails: Phase I Archaeological Survey Objectives, Research Design and Methods at Macalester's Ordway Field Research Station. Poster presented at the Minnesota Society of the Archaeological Institute of America 3rd Annual Students in Archaeology Poster Session. University of St. Thomas, St. Paul, Minnesota, USA.
- 2013** Kate A. Sinnott, Scott S. Legge, Edward P. Fleming, Laura Holt, Carol Mejía, Zoë Tomasello, and **Webb, S. E.** Tales Beneath the Trails: Results and Conclusions of a Phase I Archaeological Survey at Macalester's Ordway Field Research Station. Poster presented at the Minnesota Society of the Archaeological Institute of America 3rd Annual Students in Archaeology Poster Session. University of St. Thomas, St. Paul, Minnesota, USA.

PROFESSIONAL SERVICE

- 2021-2022** *Service Committee Chair for the Graduate College at University of Calgary*
- Liaison between Service Committee members and Graduate College
 - Initiate and support community service projects and partnerships in Alberta
- 2021** *Session Chair for "Primateology: Microbiomes" at 90th Meeting for the American Association of Physical Anthropologists; Virtual Meeting*

- 2019-present** *Peer-review for academic journals*
- American Journal of Primatology, Heredity, Current Research in Microbial Sciences, Evolutionary Biology, Microbiology, mSystems, Animal Microbiome, Scientific Reports, Arctic Science
- 2019** *Graduate Leaders Circle Rising Leaders Forum Planning Committee*
- One of 5 committee members tasked with planning a leadership-focused panel discussion with leaders from the University and broader Calgary community
- 2017-2018** *Graduate Archaeology & Anthropology Student Assoc. VP Communications*
- Liaison between graduate students and Graduate Student Association
 - Co-facilitator of Graduate-Undergraduate Mentorship Program
- 2017** *Department of Anthropology Primatology Journal Club Facilitator*
- Planned twice-monthly journal clubs for primatology faculty and students; fall term
- 2017** *Alberta Children's Hospital Research Inst. Symposium Planning Committee*
- Reviewed and ranked abstracts (30) for posters and presentations
- 2017** *University of Calgary Dept. of Anthropology Curriculum Review Focus Group*
- Co-led a focus group of 8 undergraduates to review department curriculum
- 2017, 2018** *University of Calgary Graduate-Undergraduate Mentorship Program*
- Mentored 3 undergraduates in the Anthropology Department; monthly meetings and workshops to discussion academic and professional goals

RECOGNITIONS

- 2017** Sigma Xi | The Scientific Research Society Associate Member-at-Large
- 2013** Macalester College Award for Excellence in Anthropology
- 2013** Macalester College Dean of Students Award
- 2013** Macalester College Shield of Strength Award (Athletics)
- 2013** Macalester College "Mac the Scot" Award (Athletics)

MEMBERSHIPS

- 2022-present** International Society for Behavioural Ecology
- 2021-2022** Service Committee Member at The Graduate College at University of Calgary
- 2020-present** Animal Microbiome Research Group
- 2020-present** Costa Rican Monkey Interest Group
- 2018-2022** University of Calgary Graduate Leaders Circle
- 2018-2022** University of Calgary Wildlife Health & Ecology Research Group (WHERG)
- 2017-2019** Canadian Association for Physical Anthropology (CAPA)
- 2017-present** Sigma Xi | The Scientific Research Society (Associate Member-at-Large)
- 2017-2022** University of Calgary Host-Parasite Interaction Group (HPI)
- 2016-2022** Graduate Student Association at University of Calgary (GSA)
- 2016-2022** Graduate Anthropology & Archaeology Student Association (GAASA)
- 2014-present** American Society of Primatologists (ASP)
- 2014-present** International Primatological Society (IPS)
- 2013-present** American Association of Biological Anthropologists (AABA)

COMMUNITY SERVICE

- 2022** *Volunteer Mentor for Wonder Woman Wednesdays*
- Served as a mentor for program offered by Moose Mountain Bike Trail Society in Alberta, Canada to increase accessibility to racing for women

- Each mentor was matched with one mentee for a 6-week ride series in which we reviewed mountain bike race structure and strategy
- 2021-2022** *Social Media Curator for Animal Microbiome Research Group (AMRG)*
- Manage Twitter account for AMRG (@AnimMicrobioRes)
- 2017, 2019** *Two Wheel View Trip Leader, Calgary, Alberta*
- Attended training in risk management & youth leadership
 - Led 12 youth (ages 13-17) on a 260 km unsupported bike tour; Alberta
 - Led 10 youth (ages 14-16) on a 230 km unsupported bike tour; Canadian Rockies
- 2012-2013** *Feline Rescue Inc. Volunteer, St. Paul, Minnesota*
- 2010** *Project for Pride in Living Volunteer Tutor, Minneapolis, Minnesota*
- 2008** *Amigos de las Americas Volunteer, Ybraity, Paraguay*

SKILLS AND CERTIFICATIONS

- 2021** Harassment and Violence Awareness
- 2020** Bystander Training
- English (native language)
- Spanish (advanced written and speaking)
- Python programming language (intermediate)
- R programming language (advanced)
- '17-present** Standard First Aid, CPR/AED-C
- '17-present** Wilderness First Responder
- 2016-2022** Laboratory Safety Trainings at University of Calgary