

Karyn Anderson, PhD Candidate
Curriculum Vitae

403-830-7366 | karyn.anderson@mail.utoronto.ca | karynanderson.ca

RESEARCH AREAS

Behavioural Ecology, Sociosexual Behaviour, Complex Sociality, Queer Ecology

EDUCATION

- Ph.D.** 2027 **University of Toronto**, Toronto, Canada
Evolutionary Anthropology (Primateology)
Advisor: Dr. Julie Teichroeb
Sex as a social tool in primates
- M.Sc.** 2021 **University of Toronto**, Toronto, Canada
Evolutionary Anthropology (Primateology)
Environmental Studies Collaborative Program
Advisor: Dr. Julie Teichroeb
Proximate drivers of infant care in Rwenzori Angolan colobus
- B.Sc.** 2019 **University of Calgary**, Calgary, Canada
Biological Anthropology (*Honours*)
Concentration in Primateology
-

PUBLICATIONS

- Anderson KA**, Adams FV, Teichroeb JA. 2026. Colobus monkeys in a multilevel society show frequent adult male same-sex sexual behavior with high recurrence and low constraint. *Arch. Sex. Behav.*
- Anderson KA**, Teichroeb JA, Ramsay MS, Bâdescu I, López-Torres S, Gibb JK. 2024. Same-sex sexual behavior among mammals is widely observed, yet seldomly reported: Evidence from an online expert survey. *PLoS ONE*.
- Teichroeb JA, Smeltzer EA, Stead SM, Kumpan LT, Mathur V, **Anderson KA**, Fowler EJ, Adams FV, Vasey EN, Arseneau-Robar TJM. 2023. How can we apply decision-making theories to wild animal behavior? Predictions arising from dual process theory and Bayesian decision theory. *AJP*.
- Anderson KA***, Arseneau-Robar TJM*, Sicotte P, Teichroeb JA. 2023. Monkeys who

experience more competition utilize social information to learn foraging skills quicker. *Sci. Reports*.

Anderson KA. 2023. Orgasm: mate choice theory. In: Shackelford, T.K. (eds) *Encyclopedia of sexual psychology and behavior*. Springer, Cham.

Anderson KA. 2023. Masturbation, primates: sexual selection hypothesis. In: Shackelford, T.K. (eds) *Encyclopedia of sexual psychology and behavior*. Springer, Cham.

Arseneau-Robar TJM, **Anderson KA**, Vasey EN, Sicotte P, Teichroeb JA. 2022. Think fast!: Vervet monkeys calculate the risk of being displaced by a dominant competitor when making foraging decisions. *Front. Ecol. Evol.*

*Indicates authors contributed equally

MANUSCRIPTS/PROJECTS IN PREP

Anderson KA, Adams FV, Teichroeb JA. Same-sex sexual behaviour mediates male bonding in a primate multilevel society.

Anderson KA, Teichroeb JA. Sex through the life course in mammals. Review paper.

Anderson KA, Stead SM, Wikberg EC, Teichroeb JA. The relationship between same-sex sexual behaviour and reproductive success in a primate multilevel society. Results of paternity analysis.

PRESENTATIONS, POSTERS, AND INVITED LECTURES

2025 **Anderson KA**, Adams FV, Teichroeb JA. Colobus monkeys in a multilevel society show frequent adult male same-sex sexual behavior with high recurrence and low constraint. Canadian Association for Biological Anthropology 52nd Annual Meeting. Victoria, British Columbia. November 6th, 2025.

2025 **Anderson KA**. Same-sex sexual behaviour through the life course in mammals. Poster. American Association of Biological Anthropologists 94th Conference. Baltimore, Maryland. March 13th, 2025.

2025 **Anderson KA**. Beyond reproduction: same-sex sexual behaviour in primates and other animals. Invited lecture. Department of Anthropology. University of Toronto, Mississauga. February 24th, 2025.

2024 **Anderson KA**, Adams FV, Teichroeb JA. Same-sex sexual behaviour in Rwenzori colobus follows a similar sexual script to different-sex sexual behaviour. Podium. American Society of Mammologists 103rd Conference. University of Colorado Boulder, USA. June 9th, 2024.

- 2024 **Anderson KA**. Beyond Darwin's Paradox: Rethinking Evolutionary Perspectives on Animal Same-Sex Behavior. Invited lecture. Faculty of Liberal Arts and Sciences. Ontario College of Art and Design. March 13th, 2024.
- 2024 **Mathur V**, Arseneau-Robar TJM, Smeltzer EA, **Anderson KA**, Fowler EJ, Adams FV, Vasey EN, L. Kumpan T, Stead SM, & Teichroeb JA. Predictions arising from dual process theory and Bayesian decision theory for primate decision making. 2nd Association of Indian Primatologists Conference 2024. Mysuru, India. February 9th-11th 2024.
- 2023 **Anderson KA**. Queer as duck(s): Sexual diversity in the animal kingdom. Invited lecture. Department of Anthropology. University of Toronto Mississauga. November 21st, 2023.
- 2023 **Anderson KA**. Queer as duck(s): Sexual diversity in the animal kingdom. Invited lecture. Faculty of Liberal Arts and Sciences. Ontario College of Art and Design. November 6th, 2023.
- 2023 Arseneau-Robar TJM*, **Anderson KA***, Sicotte P, Teichroeb JA. Monkeys who experience more competition utilize social information to learn foraging skills quicker. Podium. Canadian Association of Biological Anthropology 50th Annual Conference, Winnipeg, Canada. October 26th, 2023.
- 2023 **Anderson KA**, Teichroeb JA. Both sexes engage in same-sex sexual behaviour in *Colobus angolensis ruwenzorii*: Reports of same-sex mounting. Poster. 2SLGBTQ+ in STEM 3rd Annual Conference. Windsor, Canada. May 5th, 2023.
- 2022 **Anderson KA**. Same-sex sexual behaviour in animals. Invited Lecture. Department of Anthropology. University of Toronto Mississauga. November 22nd, 2022.
- 2022 **Anderson KA**. Same-sex sexual behaviour in animals. Invited Lecture. Department of Anthropology. University of Toronto Scarborough. November 21st, 2022.
- 2022 **Anderson KA**. Same-sex sexual behaviour in animals. Invited Lecture. Faculty of Liberal Arts and Sciences. Ontario College of Art and Design. November 2nd, 2022.
- 2022 **Anderson KA**, Teichroeb JA, Ramsay MS, Bădescu I, López-Torres S, Gibb JK. Same-sex sexual behaviour among mammals is widely observed, yet seldomly reported: Evidence from an online expert survey. Podium. Ecological Society of America & Canadian Society for Ecology and Evolution Joint Meeting. International Conference. Montréal, Canada. August 16th, 2022.

- 2021 **Anderson KA**. Same-sex sexual behaviour in animals. Invited Lecture. Faculty of Liberal Arts and Sciences. Ontario College of Art and Design. November 14th, 2021.
- 2021 **Anderson KA**, Bădescu I, López-Torres S, Ramsay MS, Gibb JK. Same-sex sexual behaviour across mammals: A systematic review. Poster. Animal Behaviour Society 2021 58th Annual Meeting. International Conference. Virtual. August 5th, 2021.
- 2021 **Anderson KA**. Reproductive strategies in primates. Invited Lecture. Department of Anthropology, University of Toronto. May 20th, 2021.
- 2021 **Anderson KA**, Stead SM, Teichroeb JA. Effect of likelihood of paternity on infant handling by adult males. Podium. Animal Behaviour Society & Association of Animal Behaviour 2021. International Conference. Virtual. January 26th 2021.
- 2020 **Anderson KA**, Stead SM, Teichroeb JA. Preferential handling of infants by adult males in Rwenzori Angolan colobus. Podium. eCAPA-ACAP 2020 48th Annual Meeting. National Conference. Virtual. November 5th, 2020.
- 2020 **Anderson KA**, Stead SM, Teichroeb JA. Effect of infant age and sex on infant handling by adult males in Rwenzori Angolan colobus. Podium. Animal Behaviour Society 2020 57th Annual Meeting. International Conference. Virtual. Jul. 29th 2020.
- 2020 **Anderson KA**. Male care of infants in Rwenzori Angolan colobus: Testing the “Challenge Hypothesis.” Podium. Medusa Annual Conference, University of Toronto. Mar. 6th 2020.

*Indicates authors contributed equally
Indicates presenting author

SCHOLARSHIPS, GRANTS, AND AWARDS

- 2025 UTM Undergraduate Education Funding for guest lecturers in ANT331 (\$500.00)
- 2025 Ontario Graduate Scholarship (\$15,000.00)
- 2025 MITACS Globalink Research Abroad Award (\$6,000.00)
- 2025 UTSC Graduate Student Travel Grant (\$500.00)
- 2025 Anthropology Teaching Assistant of the Year Award, Nominated for ANT220
- 2024 UTSC Graduate Student Travel Grant (\$500.00)
- 2024 Anthropology Graduate Conference Travel Grant (\$1,000.00)
- 2023 Animal Behaviour Society Student Research Grant (\$1,500.00 USD)
- 2023 Anthropology Graduate Conference Travel Grant (\$1,000.00)
- 2023 UTSC Graduate Student Travel Grant (\$500.00)
- 2022 School of Graduate Studies Conference Grant (\$470.00)
- 2022 UTSC Graduate Student Travel Grant (\$500.00)

2022	Pilot Research Funding Award, University of Toronto (\$4,000.00)
2021-25	Faculty of Arts & Sciences Top Doctoral Scholarship (\$130,000.00)
2021	UofT Fellowship for NSERC forwarded to National competition (\$500.00)
2020	Alberta Full-Time Student Scholarship (\$3,000.00)
2019	Graduate Research Fellowship, University of Toronto (\$26,989.52)
2018	International Study Travel Grant, University of Calgary (\$800.00)
2016-17	Jason Lang Scholarship, University of Calgary (\$2,000.00)
2015	Alexander Rutherford Scholarship, University of Calgary (\$2,500.00)

TEACHING EXPERIENCE

Course Instructor:

2025 **The Biology of Human Sexuality (ANT331H5F)**, Department of Anthropology, University of Toronto Mississauga, Fall Term.

Teaching Assistantships:

At the University of Toronto:

Department of Anthropology

- 2025 **Introduction to the Anthropology of Health (ANT220H5F)**, Fall Term, Mississauga Campus. Supervisor: Dr. Madeline Mant
- 2025 **Biological Anthropology: Human Variation and Adaptation (ANT202H5S)**, Summer Term, Mississauga Campus. Supervisor: Dr. Kelsey Pugh
- 2025 **Evolutionary Anthropology Theory (ANT336H1S)**, Winter Term, Mississauga Campus. Supervisor: Dr. Bence Viola
- 2025 **The Biology of Human Sexuality (ANT331H5S)**, Winter Term, Mississauga Campus. Supervisor: Dr. Laura Bolt
- 2024 **Primate Behaviour (ANTB22H3F)**, Fall Term, Scarborough Campus
Supervisor: Dr. Julie Teichroeb
- 2024 **Introduction to the Anthropology of Health (ANT220H5F)**, Fall Term, Mississauga Campus. Supervisor: Dr. Madeline Mant
- 2024 **Medical Anthropology: An Evolutionary Perspective on Human Health (ANT208H1S)**, Summer Term, St. George Campus. Supervisor: Dr. Rhan-Ju Song
- 2024 **Medical Anthropology: An Evolutionary Perspective on Human Health (ANT208H1S)**, Winter Term, St. George Campus. Supervisor: Dr. Rhan-Ju Song
- 2024 **Introduction to Biological Anthropology and Archaeology (ANT101H5S)**, Winter

- Term, Mississauga Campus. Supervisor: Dr. Sherry Fukuzawa
- 2023 **Primate Sociality (ANTC27H3S)**, Winter Term, Scarborough Campus. Supervisor: Dr. Julie Teichroeb
- 2022 **Sex, Evolution, and Behaviour (ANT211H5F)**, Fall Term, Mississauga Campus. Supervisor: Dr. Laura Bolt
- 2021 **Introduction to Anthropology (ANT100Y1Y)**, Full Year Course, St. George Campus. Supervisors: Drs. Katherine Patton, Shawn Lehman, Omar Ozcan. *Head TA.*
- 2021 **The Biology of Human Sexuality (ANT331H5F)**, Summer Term, Mississauga Campus. Supervisor: Dr. Laura Bolt
- 2021 **The Biology of Human Sexuality (ANT331H5F)**, Winter Term, Mississauga Campus. Supervisor: Dr. Laura Bolt
- 2020 **Introduction to Anthropology (ANT100Y1Y)**, Full Year Course, St. George Campus. Supervisors: Dr. Katherine Patton, Dr. Shawn Lehman, Dr. Ivan Kalmar.
- 2020 **Sex, Evolution, and Behaviour (ANT211H5F)**, Fall Term, Mississauga Campus. Supervisor: Dr. Sherry Fukuzawa
- 2020 **The Biology of Human Sexuality (ANT331H5S)**, Winter Term, Mississauga Campus. Supervisor: Dr. Sherry Fukuzawa
- 2019 **Introduction to Anthropology: Becoming Human (ANTA01)**, Fall Term, Scarborough Campus. Supervisor: Dr. Mary Silcox

Department of Ecology & Evolutionary Biology

- 2023 **Adaptation and Biodiversity (BIO120H1F)**, Fall Term, St. George Campus. Supervisor: Dr. Jill Wheeler
- 2022 **From Genomes to Ecosystems in a Changing World (BIO220H1S)**, Winter Term, St. George Campus. Supervisor: Dr. Jill Wheeler
- 2020 **Adaptation and Biodiversity (BIO120H1F)**, Fall Term, St. George Campus. Supervisor: Dr. Jill Wheeler

At the Ontario College of Art & Design (OCAD) University:

- 2024 **Introduction to Conservation Biology (SCTM2001)**, Winter Term, Faculty of Liberal Arts and Sciences. Supervisor: Dr. Laura Bolt

- 2023 **Introduction to Conservation Biology (SCTM2001)**, Fall Term, Faculty of Liberal Arts and Sciences. Supervisor: Dr. Laura Bolt
- 2022 **Introduction to Conservation Biology (SCTM2001)**, Fall Term, Faculty of Liberal Arts and Sciences. Supervisor: Dr. Laura Bolt
- 2021 **Introduction to Conservation Biology (SCTM2001)**, Fall Term, Faculty of Liberal Arts and Sciences. Supervisor: Dr. Laura Bolt
-

SELECTED ACADEMIC SERVICE

Peer Reviewer, Young Anthropology Journal
Representative, Anthropology Graduate Student Union, University of Toronto, 2019-2023
Session Moderator, Animal Behavior Society Conference, 2020
Member of the Organizing Committee, Medusa Graduate Conference, 2020

COMMUNITY OUTREACH

LGBT+ Youthline: Conducted a teach in on queer ecology for LGBT+ youth aged 19-24

Letters to a Pre-Scientist: Engaged in a mentorship program exchanging letters with an elementary student to inspire interest in science and promote scientific literacy

Bite of Science Presenter: Delivered a kid-friendly lecture for the Bay Area Science and Engineering Fair in Hamilton to 7th-12th graders

SELECTED MEDIA COVERAGE

National Geographic Spain: Descubren que el comportamiento homosexual es más común de lo que se pensaba en el reino animal, by Sergi Alcalde. June 25th, 2024.

CNN International: Same-sex behavior among animals is being underreported, study finds, by Rosa Rahimi. June 21st, 2024.

The Guardian: Animal homosexual behaviour under-reported by scientists, survey shows, by Hannah Devlin. June 20th, 2024.