

Karyn Anderson, PhD Candidate
Curriculum Vitae

The Department of Anthropology
University of Toronto – St. George Campus
19 Ursula Franklin St, Toronto, ON M5S 2S2
403-830-7366 | karyn.anderson@mail.utoronto.ca

RESEARCH AREAS

Primate Behavioural Ecology, Sociosexual Behaviour, Social Learning, Scientific Bias

EDUCATION

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|-------------------|---|
| Ph.D. 2025 | 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 (<i>Honours</i>)
Concentration in Primatology |
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PUBLICATIONS

- 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. To think or not to think: Dual process models and wild animal decision making. *AJP*.
- Arseneau-Robar TJM*, **Anderson KA***, 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 IN PREP

Anderson KA, Adams FV, Teichroeb JA. Same-sex sexual behavior in Rwenzori colobus follows a similar sexual script to different-sex sexual behavior. *Arch. Sex. Behav.*

Gibb JK, **Anderson KA**, Ramsay MS, López-Torres S, Bădescu I. In prep. Same-sex sexual behaviour across mammals: A systematic review of current knowledge and suggestions for future directions. *Trends Ecol. Evol.*

Anderson KA, Stead SM, Teichroeb JA. Proximate drivers of infant care by adult males in Rwenzori Angolan colobus. *Am J Primatol.*

PRESENTATIONS, POSTERS, AND INVITED LECTURES

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 7th – 11th 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 MITACS Globalink Research Abroad Award (\$6,000.00)
- 2023 Animal Behaviour Society Student Research Grant (\$1,500.00 USD)
- 2022 UTSC Graduate Student Travel Grant (\$500.00)
- 2022 School of Graduate Studies Conference Grant (\$470.00)
- 2022 Pilot Research Funding Award, University of Toronto (\$4,000.00)
- 2021-25 Faculty of Arts & Sciences Top Doctoral Scholarship (\$130,000.00)
- 2021 Anthropology Teaching Assistant of the Year Award, Nominated
- 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)
- 2015 First Year Scholars Award, University of Calgary

TEACHING EXPERIENCE

At the University of Toronto:

Department of Anthropology

- 2025 **Evolutionary Anthropology Theory (ANT336H1S)**, Winter Term, Mississauga Campus
Supervisor: Dr. Bence Viola
Teaching Assistant

- 2025 **The Biology of Human Sexuality (ANT331H5S)**, Winter Term, Mississauga Campus
Supervisor: Dr. Laura Bolt
Teaching Assistant
- 2024 **Primate Behaviour (ANTB22H3F)**, Fall Term, Scarborough Campus
Supervisor: Dr. Julie Teichroeb
Teaching Assistant
- 2024 **Introduction to the Anthropology of Health (ANT220H5F)**, Fall Term, Mississauga Campus
Supervisor: Dr. Madeline Mant
Teaching Assistant
- 2024 **Medical Anthropology: An Evolutionary Perspective on Human Health (ANT208H1S)**, Summer Term, St. George Campus
Supervisor: Dr. Rhan-Ju Song
Teaching Assistant
- 2024 **Medical Anthropology: An Evolutionary Perspective on Human Health (ANT208H1S)**, Winter Term, St. George Campus
Supervisor: Dr. Rhan-Ju Song
Teaching Assistant
- 2024 **Introduction to Biological Anthropology and Archaeology (ANT101H5S)**, Winter Term, Mississauga Campus
Supervisor: Dr. Sherry Fukuzawa
Teaching Assistant
- 2023 **Primate Sociality (ANTC27H3S)**, Winter Term, Scarborough Campus
Supervisor: Dr. Julie Teichroeb
Teaching Assistant
- 2022 **Sex, Evolution, and Behaviour (ANT211H5F)**, Fall Term, Mississauga Campus
Supervisor: Dr. Laura Bolt
Teaching Assistant
- 2021 **Introduction to Anthropology (ANT100Y1Y)**, Full Year Course, St. George Campus
Supervisors: Dr. Katherine Patton, Dr. Shawn Lehman, Dr. Omar Ozcan
Head Teaching Assistant
- 2021 **The Biology of Human Sexuality (ANT331H5F)**, Summer Term, Mississauga Campus
Supervisor: Dr. Laura Bolt
Teaching Assistant
- 2021 **The Biology of Human Sexuality (ANT331H5F)**, Winter Term, Mississauga Campus

Supervisor: Dr. Laura Bolt
Teaching Assistant

2020 **Introduction to Anthropology (ANT100Y1Y)**, Full Year Course, St. George Campus
Supervisors: Dr. Katherine Patton, Dr. Shawn Lehman, Dr. Ivan Kalmar
Teaching Assistant

2020 **Sex, Evolution, and Behaviour (ANT211H5F)**, Fall Term, Mississauga Campus
Supervisor: Dr. Sherry Fukuzawa
Head Teaching Assistant

2020 **The Biology of Human Sexuality (ANT331H5S)**, Winter Term, Mississauga Campus
Supervisor: Dr. Sherry Fukuzawa
Teaching Assistant

2019 **Introduction to Anthropology: Becoming Human (ANTA01)**, Fall Term, Scarborough Campus. Supervisor: Dr. Mary Silcox
Teaching Assistant

Department of Ecology & Evolutionary Biology

2023 **Adaptation and Biodiversity (BIO120H1F)**, Fall Term, St. George Campus
Supervisor: Dr. Jill Wheeler
Teaching Assistant

2022 **From Genomes to Ecosystems in a Changing World (BIO220H1S)**, Winter Term, St. George Campus. Supervisor: Dr. Jill Wheeler
Teaching Assistant

2020 **Adaptation and Biodiversity (BIO120H1F)**, Fall Term, St. George Campus
Supervisor: Dr. Jill Wheeler
Teaching Assistant

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

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

2023 **Introduction to Biology (SCTM2001)**, Fall Term, Faculty of Liberal Arts and Sciences
Supervisor: Dr. Laura Bolt
Teaching Assistant

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

Teaching Assistant

2021 **Introduction to Biology (SCTM2001)**, Fall Term, Faculty of Liberal Arts and Sciences
Supervisor: Dr. Laura Bolt
Teaching Assistant

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

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.