

Maria Creighton

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» Education

Duke University PhD Biology Student	<i>08/2021 – Present</i>
McGill University MSc Biology	<i>01/2018 – 04/2021</i>
Carleton University BSc Environmental Science, Minor in Biology	<i>09/2013 – 04/2017</i>

» Fellowships, Scholarships, and Awards

09/2023	NSERC Canada Graduate Scholarship (\$25,745 USD x 3 years); declined to take NSERC Postgraduate Scholarship (\$15,447 USD x 3 years) to an international institution
06/2022	Animal Behavior Society Student Travel Grant (\$500 USD)
06/2022	TriCEM Graduate Student Award (\$7,500 USD + \$2,000 USD funding for undergraduate mentees)
04/2022	Duke Biology Grant-in-Aid of Research (\$1,000 USD)
02/2022	Duke Dissertation Research Travel Award: International (\$3,000 USD)
09/2018–09/2020	Biodiversity, Ecosystem Services and Sustainability Fellowship (\$13,700 USD + \$2,500 USD travel expenses)
04/2018	Best Talk Award at the McGill Conservation, Ecology, Evolution, and Behavior (CEEB) Retreat
01/2018–12/2019	McGill Biology Master's Award (\$8,000 USD)
01/2018	McGill Department of Biology Entrance Award (\$2,000 USD)
03/2017	Faculty of Science Research Day Award for top poster presentation from the Carleton University Faculty of Science
09/2013–04/2017	Three undergraduate scholarships awarded based on academic performance by Carleton University (Total: \$4,000 USD)

» Refereed Publications (* indicates co-first authors)

- Creighton, M.J.A. & Nunn, C.L. 2023. Explaining the primate extinction crisis: predictors of extinction risk and active threats. *Proceedings of the Royal Society B*, 20231441.
- Creighton, M.J.A., Lou, A.Q., Reader, S.M. & Mooers, A.Ø. 2022. Predictors of taxonomic splitting and its role in primate conservation. *Animal Conservation*, 26: 355-364.
- Madliger, C.L. ‡, Creighton, M.J.A. ‡, Raby, G.D., Bennett, J.R., Birnie-Gauvin, K., Lennox, R.J. & Cooke, S.J. 2022. Physiology as a tool for at-risk animal recovery planning: an analysis of Canadian recovery strategies with global recommendations. *Conservation Science and Practice*, 4: e12701.
- Creighton, M.J.A., Greenberg, D.A., Reader, S.M. & Mooers, A.Ø. 2021. The role of behavioral flexibility in primate diversification. *Animal Behavior*, 180: 269-290. (Editor's Choice)
- Creighton, M.J.A. & Bennett, J.R. 2019. Taxonomic biases persist from listing to management for Canadian species at risk. *Écoscience*, 26: 315-321.

» Non-Refereed Publications (‡ indicates co-first authors)

Pillco Huarcaya, R. ‡, Creighton, M.J.A. ‡, Lopez Morales, M., Connor, D., Flatt, E. & Whitworth, A. 2020. Foods eaten by the Endangered Geoffroy's spider monkey (*Ateles geoffroyi*). Chicago Field Museum, Field Guide.

» Internship and Volunteer Experience

Volunteer | *Fauna Foundation* | Chambly, Canada 09/2018 – 12/2020

Prepared enrichment for chimpanzees living at the sanctuary including snacks, puzzles, and decorations for the enclosures

Field Intern | *Osa Conservation* | Osa Peninsula, Costa Rica 05/2019 – 07/2019

Created a field guide of 79 plant species consumed by the Geoffroy's spider monkey (*Ateles geoffroyi*) which is being used to help determine plant species composition of reforestation plots

Field Intern | *Crofoot Lab* | Barro Colorado Island, Panama 02/2018 – 04/2018

Used radio telemetry, focal sampling techniques, and ecological surveys to collect data on the behavior and ecology of wild Geoffroy's spider monkeys (*Ateles geoffroyi*) and white-faced capuchins (*Cebus imitator*)

» Teaching

BIOL 329: Principles of Animal Physiology | Duke University 08/2022 – 12/2022

Teaching Assistant (180hrs)

OLLI 3372: Why be Social? | Duke University 01/2022 – 04/2022

Instructor

BIOL 112: Cell and Molecular Biology | McGill University 01/2021 – 04/2021

Teaching Assistant (180hrs)

BIOL 111: Principles: Organismal Biology | McGill University 09/2020 – 12/2020

Teaching Assistant (180hrs)

BIOL 112: Cell and Molecular Biology | McGill University 01/2020 – 04/2020

Teaching Assistant (180hrs)

BIOL 111: Principles: Organismal Biology | McGill University 09/2019 – 12/2019

Teaching Assistant (180hrs)

ANTH 203: Human Evolution | McGill University 01/2019 – 04/2019

Teaching Assistant (180hrs)

ANTH 311: Primate Behavior and Ecology | McGill University 09/2018 – 12/2018

Teaching Assistant (180hrs) and Guest Lecturer (11/10/2018)

Guest Lecture: "Primates: Foraging, Predation, and Sociality"

» Mentoring

Muser Mentor | Duke University 09/2022 – Present

Supervising one undergraduate Muser student in a research project analyzing long-term data on baboon foraging behaviors

Student Supervision | McGill University 09/2019 – 09/2020

Supervised two undergraduate volunteers in conducting literature reviews and co-supervised a visiting MSci (Master in Science) candidate from the University College London in a one-semester directed study

» Committees and Associations

Sigma Xi

Member (09/2023 – Present)

Animal Behavior Society (ABS)

Student Member (02/2020 – Present)

Quebec Centre for Biodiversity Science (QCBS)

Student Member (01/2018 – Present)

Post-Graduate Students' Society Environment Committee | McGill University

Committee Member (05/2018 – 04/2021)

Environmental Science Student Association (ESSA) | Carleton University

Vice-President Internal Affairs (09/2014 – 04/2015); President (09/2015 – 04/2016)

» Presentations and Posters (* indicates presenter)

- 07/2023** Fan, O.*, Creighton, M.J.A., Tung, J., Archie, E.A. & Alberts, S.C.
Poster: “*Social predictors of baboon foraging efficiency*”
Animal Behavior Society Conference | Virtual poster
- 09/2022** Creighton, M.J.A.*, Lange, E.C., Tung, J., Archie, E.A., Altmann, J. & Alberts, S.C.
Oral Presentation: “*Social and environmental influences on baboon offspring survival*”
Animal Behavior Society Conference | San Jose, Costa Rica
- 08/2020** Creighton, M.J.A.*, Greenberg, D.A., Reader, S.M. & Mooers, A.Ø.
Oral Presentation: “*Does behavioral plasticity promote primate diversification?*”
Animal Behavior Society Conference | Virtual presentation
- 11/2019** Creighton, M.J.A.*, Mooers, A.Ø. & Reader, S.M.
Oral Presentation: “*Taxonomic inflation and its role in primate conservation.*”
Société Québécoise pour l'Étude Biologique de Comportement (SQEBC) 44th Annual Conference | McGill University, Montreal, Quebec, Canada
- 04/2018** Creighton, M.J.A.* & Reader, S.M.
Oral Presentation: “*Determinants of diversification in primates: testing the behavioral drive hypothesis.*”
Conservation, Ecology, Evolution, and Behavior (CEEB) Retreat | Mont-Saint-Hilaire, Quebec, Canada
- 04/2017** Creighton, M.J.A.*, Low, A. & Wong, A.
Poster Presentation: “*Mating systems and the evolution of primate reproduction tract proteins: rethinking the methodological approach.*”
Faculty of Science Research Day | Carleton University, Ottawa, Ontario, Canada
- 02/2016** Boushey, I.*, Cormier, E.*, Creighton, M.J.A.* & Harper, M.*
Oral Presentation: “*A study of the invasive plant species in the National Capital Region and their management.*”
Fourth Annual Community Engagement Event | Carleton University, Ottawa, Ontario, Canada
- 12/2015** Boushey, I.*, Cormier, E.*, Creighton, M.J.A.* & Harper, M.*
Oral Presentation (Invited): “*A study of the invasive plant species in the National Capital Region and their management.*”
Annual Invasive Species Information Session | Ottawa, Ontario, Canada