

CURRICULUM VITAE – Michael J. L. Peers

Institutional Address:

Department of Biology
Memorial University of Newfoundland
232 Elizabeth Ave.
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Citizenship: Canadian

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HIGHLIGHTS

- Authored 27 publications (13 senior) in peer-reviewed journals; 5 in review; 1 book chapter
- Recent publication in *Nature Climate Change*, as well as 5 cover articles including *Global Change Biology*, *Proceedings B* and *J Animal Ecology*
- Received the Banting Postdoctoral Fellowship for my postdoctoral research
- Awarded NSERC CGS scholarships during my MSc and PhD
- Awarded the Governor General's Gold Medal for my MSc thesis at Trent University
- Currently supervising an NSERC MSc student and supervised two undergraduate projects and 26 research technicians
- Developed guest lectures for 9 courses including *Behavioural Ecology* and have given 25 scientific presentations
- Reviewed 37 articles for 26 peer-reviewed journals
- Total funding received through scholarships and grants in excess of \$600,000
- Experience engaging with numerous media platforms for public outreach and science communication
- Experience working on international collaborative projects and engaging non-academic stakeholders and Indigenous communities in ecological research

PROFESSIONAL POSITIONS

2020-Current Banting Postdoctoral Fellow, Memorial University of Newfoundland
Supervisor: Eric Vander Wal

Jan-Mar 2020 Postdoctoral Researcher, University of Alberta
Supervisors: Stan Boutin & Rudy Boonstra

2018 Contracted Researcher, Government of Yukon

EDUCATION

2020 PhD Biological Sciences, University of Alberta
Supervisors: Stan Boutin & Rudy Boonstra
Thesis: Examining the impact of climate change on snowshoe hare demography and community interactions in the northern boreal forest

2014 M.Sc. Environmental and Life Sciences, Trent University
Supervisors: Dennis Murray & Daniel Thornton
Thesis: Reintroducing species in the 21st century: incorporating climate change into translocation and de-extinction programs

2012 Honours B.Sc. Biology, Trent University
Supervisors: Dennis Murray & Daniel Thornton
Thesis: The influence of competition on the large-scale distribution of mesocarnivores in North America

FUNDING (Total funding in excess of \$600,000)

AWARDS & SCHOLARSHIPS

2020-2022 Banting Postdoctoral Fellowship (\$140000)
The most prestigious postdoctoral fellowship awarded in Canada

2020-2022 NSERC Postdoctoral Fellowship (\$90000 – declined)

2019 ASPB Robin Leech Graduate Scholarship in Biological Sciences, U of A, (\$1400)

2019 Student Travel Award, Alberta & Canadian Chapter of TWS (\$210)

2017-2019 Izaak Walton Killam Memorial Scholarship, U of A (Partially Honorary)
The most prestigious graduate award administered by the University of Alberta

2017-2019 The W. Garfield Weston Award for Northern Research, ACUNS (\$50000)

2017 Jennifer Robinson Memorial Scholarship, Arctic Institute of North America (\$5000)

2015/2016 Ashley and Janet Cameron Graduate Scholarship, University of Alberta (\$3000 x 2)

2015 Governor General’s Gold Medal, Trent University
Awarded to the graduate student who achieved the highest academic standing

2015 President’s Doctoral Prize of Distinction, University of Alberta (\$10000)

2015 Faculty of Science Recruitment Scholarship, University of Alberta (\$2000)

2015-2017 NSERC Alexander Graham Bell Scholarship CGS D (\$105000)
Major scholarship awarded through a national competition

2014 Edwin William & Irene Elizabeth Curtin Scholarship, Trent University (\$3500)

2014 David & Joyce Woods Graduate Scholarship, Trent University (\$2000)

2013/14 NSERC Alexander Graham Bell Scholarship CGS M (\$17500)
Major scholarship awarded through a national competition

2013/14 Ontario Graduate Scholarship (\$15,000 – declined)

2012/13 Queen Elizabeth II Scholarship for Science and Technology (\$15,000)

2012 Dean’s List, Trent University

2010 Department of Biology Prize, Trent University (\$100)

GRANTS & RESEARCH FUNDING

2020 Banting Post-doctoral Research Grant, Memorial Uni. of NFLD (\$20000)

2019 Memorial Uni. of NFLD Seed, Bridge and Multidisciplinary Fund (\$10000)

2018 Bring Back the Wild Grant, Earth Rangers (\$10000)

2018 U of A Northern Research Award, UAlberta North (\$1090)

2018 Northern Research Grant, Northern Scientific Training Program (\$2230)

2017 W. Garfield Weston Fellowship Award, WCS Canada (\$7000)

2016 U of A Northern Research Award, UAlberta North (\$1334)

2016 Northern Research Grant, Northern Scientific Training Program (\$3186)

2016 W. Garfield Weston Fellowship Award, WCS Canada (\$16500)

PUBLICATIONS (H-INDEX = 12, i10-INDEX = 15, CITATIONS = ~435)

JOURNAL ARTICLES

Published

27. **Peers MJL**, Majchrzak YN, Studd EK, Menzies AK, Kukka PM, Konkolics SM, Boonstra R, Boutin S, Jung TS. *In Press*. Evaluation of gum-line recession for aging lynx (*Lynx canadensis*). Wildlife Society Bulletin.
26. Shiratsuru S, Majchrzak YN, **Peers MJL**, Studd EK, Menzies AK, Derbyshire R, Humphries MM, Krebs CJ, Murray DL, Boutin S. 2021. Food availability and long-term predation risk interactively affect antipredator response. *Ecology* 102: e03456.
25. **Peers MJL**, Konkolics SM, Majchrzak YN, Menzies AK, Studd EK, Boonstra R, Boutin S, Lamb CT. 2021. Vertebrate scavenging dynamics differ between carnivore and herbivore carcasses in the northern boreal forest. *Ecosphere* 12: e03691.
24. **Peers MJL**, Reimer JR, Majchrzak YN, Menzies AK, Studd EK, Boonstra R, Kenney AJ, Krebs CJ, O'Donoghue M, Boutin S. 2021. Contribution of late-litter juveniles to the population dynamics of snowshoe hares. *Oecologia* 195: 949-957.
23. **Peers MJL**, Majchrzak YN, Menzies AK, Studd EK, Bastille-Rousseau G, Boonstra R, Humphries M, Jung TS, Kenney AJ, Krebs CJ, Murray DL, Boutin S. 2020. Climate change increases predation risk for a keystone species of the boreal forest. *Nature Climate Change* 10: 1149-1153.
22. Neilson EW, Lamb CT, Konkolics SM, **Peers MJL**, Majchrzak YN, Doran-Myers D, Garland L, Martinig AR, Boutin S. 2020. There's a storm a-coming: Ecological resilience and resistance to extreme weather events. *Ecology & Evolution* 10: 12147-12156.
21. Menzies AK, Studd EK, Majchrzak YN, **Peers MJL**, Boutin S, Dantzer BJ, Lane JE, McAdam AG, Humphries MM. 2020. Body temperature, heart rate, and activity patterns of two boreal homeotherms in winter: homeostasis, allostasis, and ecological coexistence. *Functional Ecology* 34: 2292-2301.
20. **Peers MJL**, Konkolics SM, Lamb CT, Majchrzak YN, Menzies AK, Studd EK, Boonstra R, Kenney AJ, Krebs CJ, Martinig AR, McCulloch B, Silva J, Garland L, Boutin S. 2020. Prey availability and ambient temperature influence carrion persistence in the boreal forest. *Journal of Animal Ecology* 89: 2156-2167. (*Cover Article*)
19. Jung TS, Kukka PM, **Peers MJL**, Schmiegelow FKA, Boonstra R, Boutin S, Majchrzak YN. 2020. Error rates in the reported sex of lynx (*Lynx canadensis*) and wolverine (*Gulo gulo*): implications for analyses of harvest records. *European Journal of Wildlife Research* 66: 52.
18. Lavergne SG*, **Peers MJL***, Mastro Monaco G, Majchrzak YN, Nair A, Boutin S, Boonstra R. 2020. Hair cortisol as a reliable indicator of stress physiology in the snowshoe hare: influence of body region, sex, season, and predator-prey population dynamics. *General and Comparative Endocrinology* 294: 113471. (*Cover Article*) *Senior authorship jointly shared

17. Ferreira C, Hossie TJ, Jenkins D, Wehtje M, Austin C, Boudreau M, Chan K, Clement A, Hrynyk M, Longhi J, MacFarlane S, Majchrzak YN, Otis JA, **Peers MJL**, Rae J, Seguin J, Walker S, Watt C, Munday A, Murray DL. 2019. The Recovery illusion: what is delaying the rescue of imperiled species? *Bioscience* 69: 1028-1034.
16. Studd EK, Boudreau M, Majchrzak YN, Menzies AK, **Peers MJL**, Seguin J, Lavergne S, Boonstra R, Murray D, Boutin S, Humphries M. 2019. Use of acceleration and acoustics to classify behaviour and evaluate responses to moonlight in free-ranging snowshoe hares. *Frontiers in Ecology and Evolution* 7: a154.
15. Jung TS, Konkolics SM, Kukka PM, Majchrzak YN, Menzies AK, Oakley MP, **Peers MJL**, Studd EK. 2019. Short-term effect of helicopter-based capture on movements of a social ungulate. *Journal of Wildlife Management* 83: 830-837. *All authors contributed equally
14. **Peers MJL**, Majchrzak YN, Konkolics SM, Boonstra R, Boutin S. 2018. Scavenging by snowshoe hares (*Lepus americanus*) in Yukon, Canada. *Northwestern Naturalist* 99: 232-235.
13. **Peers MJL**, Majchrzak YN, Neilson E, Lamb CT, Hämäläinen A, Haines JA, Garland L, Doran-Myers D, Broadley K, Boonstra R, Boutin S. 2018. Quantifying fear effects on prey demography in nature. *Ecology* 99: 1716-1723.
12. Bastille-Rousseau G, Schaefer JA, Lewis KP, **Peers MJL**, Ellington EH, Mumma MA, Rayl ND, Mahoney SP, Murray DL. 2018. Climate change can alter predator-prey dynamics and population viability of prey. *Oecologia* 186: 141-150.
11. **Peers MJL**. 2017. InfoNorth Essay: Predicting the fitness effects of climate change on snowshoe hares. *Arctic* 70: 430-434. (*Invited; Cover Article*)
10. **Peers MJL** & Boutin S. 2017. Northern hawk owl (*Surnia ulula*) scavenges and defends a lynx (*Lynx canadensis*) carcass in winter. *The Wilson Journal of Ornithology* 129: 875-878.
9. Murray DL*, **Peers MJL***, Majchrzak YN, Wehtje M, Ferreira C, Pickles RSA, Row JR, Thornton DH. 2017. Continental divide: Predicting climate-mediated fragmentation and biodiversity loss in the boreal forest. *PLoS ONE* 12: e0176706. * Senior authorship jointly shared
8. Feldman RE, **Peers MJL**, Pickles RSA, Thornton DH, Murray DL. 2017. Climate driven range divergence among host species affects range-wide patterns of parasitism. *Global Ecology & Conservation* 9: 1-10.
7. **Peers MJL**, Thornton DH, Majchrzak YN, Bastille-Rousseau G, Murray DL. 2016. De-extinction potential under climate change: extensive mismatch between historic and future habitat suitability for three candidate birds. *Biological Conservation* 197: 164-170.
6. Bastille-Rousseau G, Rayl ND, Ellington EH, Schaefer JA, **Peers MJL**, Mumma MA, Mahoney SP, Murray DL. 2016. Population and individual variation in niche overlap, encounter, and mortality among incidental predators and a common prey. *Canadian Journal of Zoology* 94: 191-198.

5. Ferreira C, Bastille-Rousseau G, Bennett AM, Ellington EH, Terwissen CV, Austin C, Borlestean A, Boudreau MR, Chan K, Forsythe A, Hossie T, Longhi J, Otis JA, **Peers MJL**, Rae JM, Seguin J, Watt C, Wehtje M, Murray DL. 2016. The evolution of peer review as a basis for publication in ecology: directional selection towards a robust discipline? *Biological Reviews* 91: 597-610.

4. Murray DL, Majchrzak YN, **Peers MJL**, Wehtje M, Ferreira C, Pickles RSA, Row JR, Thornton DH. 2015. Potential pitfalls of private initiatives in conservation planning: a case study from Canada's boreal forest. *Biological Conservation* 192: 174-180.

3. **Peers MJL**, Wehtje M, Thornton DH, Murray DL. 2014. Prey switching as a means of enhancing persistence in predators at the trailing southern edge. *Global Change Biology* 20: 1126-1135. (*Cover Article*)

2. **Peers MJL**, Thornton DH, Murray DL. 2013. Evidence for large-scale effects of competition: niche displacement in Canada lynx and bobcat. *Proceedings of the Royal Society B* 280: 20132495. (*Cover Article*)

1. **Peers MJL**, Thornton DH, Murray DL. 2012. Reconsidering the specialist-generalist paradigm in niche breadth dynamics: resource gradient selection by Canada lynx and bobcat. *PLoS ONE* 7(12): e51488.

In Review

Kennah JL, **Peers MJL**, Vander Wal E, Majchrzak YN, Menzies AK, Studd EK, Boonstra R, Humphries MM, Jung TS, Kenney AJ, Krebs CJ, Boutin S. *In Review*. Coat colour mismatch improves survival: energetic advantages exceed lost camouflage. *Ecology*.

Studd EK, Gellner G, **Peers MJL**, Menzies AK, Majchrzak YN, Derbyshire R, Boonstra R, Dantzer B, Kenney AJ, Krebs CJ, Lane JE, McAdam AG, Murray DL, Boutin S, McCann KS, Humphries MM. *In Review*. Seasonal activity patterns drive boreal ecosystem dynamics. *Ecology Letters*.

Studd EK, **Peers MJL**, Menzies AK, Derbyshire R, Majchrzak YN, Seguin J, Dantzer B, Lane JE, Murray DL, McAdam AG, Humphries MM, Boutin S. *In Review*. Wind drives behavioural adjustments of predators and prey in the sheltered boreal forest. *American Naturalist*.

Majchrzak YN, **Peers MJL**, Studd EK, Menzies AK, Walker PD, Shiratsuru S, McCaw LK, Boonstra R, Humphries M, Jung TS, Kenney AJ, Krebs CJ, Murray DL, Boutin S. *In Review*. Balancing food acquisition and predation drives demographic changes in snowshoe hare population cycles. *Ecology Letters*.

Majchrzak YN, Menzies AK, **Peers MJL**, Studd EK, Doran-Myers D, Boonstra R, Boutin S. *In Review*. A novel method for marking individual animals in motion-triggered camera studies. *Mammalian Biology*.

BOOK CHAPTERS

Thornton DH & **Peers MJL**. 2020. Species Distribution Modeling. In: Murray DL and Sandercock BK, editors. *Population Ecology in Practice*. Wiley-Blackwell.

OTHER PUBLICATIONS

Peers MJL & Majchrzak YN. 2020. Is climate change impacting snowshoe hare cycles? Alberta Trapper Magazine.

PRESENTATIONS (CO-AUTHORED PRESENTATIONS NOT LISTED)

1. **Peers MJL.** 2021. Impacts of climate change on snowshoe hares and the boreal forest community. BGSa Seminar, Memorial University of Newfoundland. (Invited)
2. **Peers MJL.** 2021. Is climate change impacting snowshoe hare cycles? Oral presentation at the Canadian Society for Ecology and Evolution Annual Meeting (CSEE).
3. **Peers MJL.** 2021. Climate change increases predation risk for a keystone species. Poster presentation at the Commonwealth Science Conference, The Royal Society. (Invited)
4. **Peers MJL.** 2020. Is climate change impacting snowshoe hare cycles? Oral presentation for the Science Community of Practice (SCOPE), Yukon Government. (Invited)
5. **Peers MJL.** 2020. Fear experiments in nature: surely context matters. Oral presentation at the Gordon Research Conference: Predator-Prey Interactions, Ventura, California, USA. (Invited)
6. **Peers MJL.** 2019. Impact of climate change on snowshoe hare demography and community interactions in the northern boreal forest. Departmental presentation, Biological Sciences, University of Alberta.
7. **Peers MJL.** 2019. Ecology of snowshoe hares in the northern boreal forest. Oral presentation at the Hare-Lynx Workshop, Edmonton, Alberta.
8. **Peers MJL, Majchrzak YN, Menzies AK, Studd EK, Boonstra R, Boutin S.** 2019. The effect of environmental change on predator-prey dynamics. Oral presentation at the Alberta Chapter and Canadian Section of the Wildlife Society Conference, Canmore, Alberta.
9. **Peers MJL, Konkolics SM, Majchrzak YN, Menzies AK, Studd EK, Lamb C, Garland L, Martinig AR, McCulloch B, Silva J, Boutin S.** 2019. Scavenging dynamics of the northern boreal forest. Oral presentation at the Northern Research Day Student Conference, Edmonton, Alberta.
10. **Peers MJL, Konkolics SM, Majchrzak YN, Menzies AK, Studd EK, Lamb C, Garland L, Martinig AR, McCulloch B, Silva J, Boutin S.** 2019. The influence of abiotic and biotic factors on vertebrate scavenging communities. Oral presentation at the R. E. Peter Biology Conference, Edmonton, Alberta.
11. **Peers MJL.** 2019. Importance of late litters on the demography of snowshoe hare. Oral presentation at the University of Alberta, Wednesday Night Seminar Series, Edmonton, Alberta.
12. **Peers MJL.** 2018. Climate-mediated variability in predator prey dynamics. Oral presentation at the University of Alberta, Wednesday Night Seminar Series, Edmonton, Alberta.
13. **Peers MJL, Majchrzak YN, Menzies AK, Studd EK, Krebs CJ, Boonstra R, Boutin S.** 2018. Impact of climate change on predation risk in snowshoe hares. Oral presentation at the Association of Canadian Universities for Northern Studies Student Conference, Edmonton, Alberta.
14. **Peers MJL.** 2018. Impacts of climate change on snowshoe hares. Oral presentation at the Hare-Lynx Workshop, Edmonton, Alberta.
15. **Peers MJL.** 2018. Quantifying fear effects of prey demography in nature. Trent University Seminar, Peterborough, Ontario. (Invited)
16. **Peers MJL, Majchrzak YN, Menzies AK, Studd EK, Boutin S.** 2018. Calculating encounter rates between snowshoe hare and Canada lynx. Oral presentation at the Canadian Society for Ecology and Evolution Annual Meeting (CSEE), Guelph, Ontario. (Invited)

17. **Peers MJL**. 2018. How often does a snowshoe hare encounter a lynx? Oral presentation at the University of Alberta, Wednesday Night Seminar Series, Edmonton, Alberta.
18. **Peers MJL**, Boutin S. 2018. Quantifying fear effects on prey demography in nature. Oral presentation at the R. E. Peter Biology Conference, Edmonton, Alberta.
19. **Peers MJL**. 2017. Influence of climate on cause specific mortality in snowshoe hares. Oral presentation at the Hare-Lynx Workshop, Peterborough, Ontario.
20. **Peers MJL**, Majchrzak YN, Krebs CJ, Boonstra R, Studd EK, Menzies AK, Murray DL, Boutin S. 2017. Climate-mediated variability in predator-prey dynamics: Impacts of climate change on snowshoe hares. Oral presentation at the International Mammalogical Congress (IMC¹²), Perth, Australia.
21. **Peers MJL**, Thornton DH, Pearce E, Murray DL. 2014. Are southern range translocations likely to be viable under climate change? Oral presentation at Genomes to Biomes (CSEE) joint conference, Montreal, Quebec.
22. **Peers MJL**, Wehtje M, Thornton DH, Murray DL. 2014. Effects of climate change on Canada lynx at their southern edge. Oral presentation at the Ontario Ecology, Ethology, and Evolution Colloquium (OE3C), Guelph University.
23. **Peers MJL**, Thornton DH, Murray DL. 2013. Evidence for large-scale effects of competition. Oral presentation at the Quebec Society for the Biological Study of Behaviour Annual Meeting, Concordia University.
24. **Peers MJL**, Thornton DH, Murray DL. 2012. The influence of biotic interactions on the large-scale distribution of species. Poster presentation at the Trent Northern Studies Colloquium, Trent University.
25. **Peers MJL**, Thornton DH, Murray DL. 2012. The influence of biotic interactions on the large-scale distribution of Canada lynx and bobcat. Oral presentation at Ontario Biology Day, Laurentian University.

TEACHING EXPERIENCE

GUEST LECTURES

2021	Boreal Ecology, 3 rd Year, Memorial University of Newfoundland
2020	Northern Ecology, 3 rd Year, University of Alberta
2020	The Mountain World, 2 nd Year, University of Alberta
2019	Habitat Selection and Movement Models, Graduate, University of Alberta
2019	Comparative Environmental Animal Physiology, 3 rd Year, University of Alberta
2019	The Mountain World, 2 nd Year, University of Alberta
2019	Population Ecology, 3 rd Year, University of Alberta
2016	Predation Risk: Theory and Application, Graduate, University of Alberta
2014	Behavioural Ecology, 3 rd Year, Trent University
2013	Applied Spatial Data Analysis, Graduate, Trent University

TEACHING ASSISTANT

2019	Comparative Environmental Animal Physiology, 3 rd Year, University of Alberta
2014	Behavioural Ecology, 3 rd Year, Trent University
2013	Introductory Ecology, 2 nd Year, Trent University
2013	Current Issues in Biology II, 1 st Year, Trent University
2012	Behavioural Ecology, 3 rd Year, Trent University

WORKSHOPS

- 2020 R Workshop for Survival Analyses in Wildlife Research, Memorial University of NL
2014 R Workshop for MaxEnt Modelling, Trent University

MENTORING EXPERIENCE

GRADUATE SUPERVISION

- 2019-21 Joanie Lynn Kennah (NSERC CGSM), Memorial University of Newfoundland
Project: Climate change impacts on snowshoe hares (*Lepus americanus*)
Co-supervised with Dr. Eric Vander Wal

UNDERGRADUATE SUPERVISION

- 2018 Isaac Peetom Heida, University of Alberta
Project: Within and between year reproductive trade-offs in snowshoe hare (*Lepus americanus*)
2013 Elizabeth Pearce, Trent University
Project: Examining climate change impacts on reintroductions of North American mammals

FIELD & LAB ASSISTANTS

- | | | | |
|---------|----------------------|---------|------------------|
| 2021 | Ethan Bishop | 2017 | Justine Benjamin |
| 2021 | Emily Denief | 2017 | Kate Bezooyen |
| 2021 | Amanda Stewart | 2017 | Lindsay Potts |
| 2020 | Olivia Cumbie | 2016-17 | Laura Brazier |
| 2020 | Jacob Mooers | 2016 | Jess Steketee |
| 2019 | Sean Konkolics | 2016 | Camille Roberge |
| 2018 | Shotaro Shiratsuru | 2016 | Adam Sprott |
| 2018 | Noah Israel | 2016 | Dylan Yaffy |
| 2017-18 | Heather Sterling | 2015 | Erik Vimercati |
| 2017-18 | Rachael Ryan | 2015 | Eliot Linton |
| 2017 | Edouard Belanger | 2015 | Samantha Stead |
| 2017 | Juliana Balluffi-Fry | 2015 | Marina Morandini |
| 2017 | Nolan Benoit | 2015 | Laurence Carter |

SERVICE & VOLUNTEERING

REVIEWER [37 total]

Ecology Letters, Proceedings of the Royal Society B, Global Change Biology (2), Ecological Monographs, Journal of Animal Ecology (3), Ecology, Global Ecology and Biogeography, Molecular Ecology (2), Biology Letters, Climatic Change, Ecological Applications (2), Basic and Applied Ecology, Ecology and Evolution, Ecological Indicators (2), PLoS ONE, Ecoscience, Ethology Ecology & Evolution, Mammalian Biology (2), Arctic, Canadian Journal of Zoology, Global Ecology and Conservation, FACETS (2), Canadian Field-Naturalist (3), Journal of Mammalogy (2), Journal of Raptor Research, Zoology in the Middle East

VOLUNTEER

- 2020 Judge, Faculty of Science 3MT Competition, Memorial University of NL
- 2019 Abstract Selection Committee, The Wildlife Society Conference, Reno, Nevada
- 2019 Organizer, Wednesday Night Ecology Seminar Series, University of Alberta
- 2017-2019 Organizer, Philosophy Pints Discussion Group, University of Alberta
- 2012-14 Abstract Selection Committee, Symons Seminar Series, Trent University, Ontario
- 2012-13 Volunteer, Kawartha Turtle Trauma Center, Peterborough, Ontario

PUBLIC OUTREACH

- 2018 Nature walk leader for the Nature Alberta Kids Program
- 2017 Hands-on workshop and presentation for the Girl Guides of Canada, Haines Junction, Yukon
- 2016 Hands-on workshop and presentation for elementary school students from Haines Junction, Yukon
- 2015 Hands-on workshop and presentation at our research camp for high school students from Haines Junction, Yukon
- 2015 Presentation at the St Elias Centre, Haines Junction, Yukon
- 2012-13 Guest instructor at over 25 elementary and secondary classrooms in the Kawartha Pine Ridge District School Board, Ontario

SCIENCE COMMUNICATION & MEDIA COVERAGE

MUSEUM EXHIBITIONS

- 2019 Scientist and photo contributor, Nature Exchange, TELUS World of Science

RADIO & TV APPEARANCES

- 2021 Snowshoe hare ecologist, The Hunter Conservationist Podcast
(<https://thehunterconservationist.com/podcast/episode-39-snowshoe-hares-with-dr-yasmine-majchrzak-and-dr-michael-peers/>)
- 2020 Climate change ecologist, Trail's End, CBC North
- 2020 Climate change ecologist, Radio Active with Adrienne Pan, CBC
- 2020 Research highlighted in Legends of the Wild, Discovery Channel
- 2020 Snowshoe hare researcher, ICI Explora, Radio-Canada
- 2020 Snowshoe hare researcher, Yukon Morning, CBC, Canada
- 2019 Snowshoe hare researcher, Cannibal Hares, This Week in Science, CityNews
- 2019 Snowshoe hare researcher, Radio Active with Adrienne Pan, CBC, Canada
- 2019 Snowshoe hare researcher, Calgary Eyeopener, CBC, Canada
- 2019 Snowshoe hare researcher, Calgary News at 6, CBC
- 2019 Snowshoe hare researcher, NorthBeat, CBC
- 2018 Snowshoe hare researcher, The Earth Rangers Podcast, Canada
- 2018 Snowshoe hare researcher, Remarkable Rabbits, CBC, Canada
(<https://gem.cbc.ca/media/the-nature-of-things/season-58/episode-18/38e815a-010ae832754>)
- 2016 Snowshoe hare researcher, The Nature of Things, CBC, Canada
(<http://www.cbc.ca/natureofthings/episodes/what-trees-talk-about>)
- 2016 Snowshoe hare/Canada lynx researcher, Wild Canadian Year, CBC, Canada
(<http://www.cbc.ca/wildcanadianyear/episodes/series-preview/winter>)
- 2015 Snowshoe hare researcher on La Semaine Verte, Radio Canada
(<http://ici.radio-canada.ca/tele/la-semaine-verte/2015-2016/segments/reportage/4244/changements-climatiques-perdrix-lievre-toundra-yukon>)

- 2013 Effects of climate change on mammals, Newswatch, Chex TV
- 2013 Research in the lab, Newswatch, Chex TV (http://www.youtube.com/watch?feature=player_embedded&v=tdldkF4T40a)
- 2012 Guest animal expert on Steven and Chris, CBC, Canada (http://www.youtube.com/watch?v=hw_ZT_u216g)
- 2012 Guest animal handler on Canada AM, CTV, Canada
- 2012 Animal handler on Wild Kratts, PBS, USA
- 2011 Guest animal handler on Daytime, Rogers TV, Canada
- 2011 Guest animal handler on Critter Corner, TVO, Canada

PRINT MEDIA INTERVIEWS

- 2020 Climate change ecologist, Less winter snow could spell disaster for snowshoe hares, St. Albert Gazette
- 2020 Wild Cam: Types of scavengers vary based on live prey abundance, The Wildlife Society (<https://wildlife.org/wild-cam-types-of-scavengers-vary-based-on-live-prey-abundance/>)
- 2019 Snowshoe hare researcher, Don't be fooled - Science shows that hares are blood-thirsty fluff balls, IFLScience (<https://www.iflscience.com/plants-and-animals/dont-be-fooled-science-shows-that-hares-are-bloodthirsty-fluff-balls/>)
- 2019 The carnivorous cannibal hares of North America, Ripley's Believe It or Not (<https://www.ripleys.com/weird-news/snowshoe-hares/>)
- 2019 Snowshoe hare researcher, Don't be deceived: these fluffy bunnies enjoy devouring meat, The Weather Network (<https://www.theweathernetwork.com/news/articles/snowshoe-hares-eat-meat-herbivores-bunny-research-university-of-alberta/122125>)
- 2019 Snowshoe hare researcher, The Gateway, Edmonton, Canada
- 2019 Snowshoe hare researcher, Hares are cannibals and eat meat, surprising photos reveal, National Geographic (<https://www.nationalgeographic.com/animals/2019/01/snowshoe-hares-carnivores-cannibals-photos-yukon/>)
- 2019 Snowshoe hare researcher, Weird Science: killer rabbits and bird brawls, St. Albert Gazette (<https://www.stalbertgazette.com/article/weird-science-killer-rabbits-and-bird-brawls-20190111>)
- 2019 Snowshoe hare researcher, Adorable snowshoe hares found to routinely feast on their own dead: study, National Post (<https://nationalpost.com/news/canada/adorable-snowshoe-hares-found-to-routinely-feast-on-their-own-dead-study>)
- 2019 Snowshoe hare researcher, Hares seeking protein scavenge for meat and feathers, Edmonton Journal (<https://edmontonjournal.com/news/local-news/hares-seeking-protein-scavenge-for-meat-feathers-university-of-alberta-study>)
- 2019 Snowshoe hare researcher, Cameras capture unsettling uptick in Canada's meat-eating "cannibal hares", Inverse Magazine (<https://www.inverse.com/article/52305-snowshoe-hare-meat-eating-study>)
- 2019 Snowshoe hare researcher, Snowshoe hares eat meat — including other hares, CBC, Canada (<https://www.cbc.ca/news/canada/north/hares-eat-meat-1.4949438>)
- 2017 Conservation biologist, The Great Global Species Shakeup, Toronto Star, Canada (<http://projects.thestar.com/climate-change-global-species-shakeup/index.html>)
- 2017 Snowshoe hare researcher, Fur and Fitbit, UpHere Magazine, Canada (<https://uphere.ca/articles/fur-and-fitbit>)
- 2016 Conservation biologist, What would happen if we brought birds back from the dead, Audubon Magazine, USA (<https://www.audubon.org/news/what-would-happen-if-we-brought-birds-back-dead>)
- 2014 Student spotlight in Arthur Newspaper, Ontario (<http://trentarthur.ca/trent-student-spotlight-michael-neers-ecological-researcher/>)

REFERENCES

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