JALENE M. LAMONTAGNE, Ph.D.
CURRICULUM VITAE

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EDUCATION

Ph.D. 2007	**Environmental Biology & Ecology**, University of Alberta Dissertation Title: Spatial and temporal variability in white spruce cone production: Individual and population responses of North American red squirrels.
M.Sc. 2000	**Conservation Ecology**, University of Calgary Thesis Title: Use of migratory stopover areas by trumpeter swans in southern Alberta.
B.Sc. 1998	**Ecology**, Minor: Earth Sciences, University of Calgary Thesis title: Maternal effects in *Daphnia pulex*: An investigation of offspring performance in varying food environments.

ACADEMIC APPOINTMENTS

2018-present	**Associate Professor**, Department of Biological Sciences, DePaul University
2016-present	**Adjunct Scientist**, Urban Wildlife Institute, Department of Conservation & Science, Lincoln Park Zoo, Chicago, IL
2011-2018	**Assistant Professor**, Department of Biological Sciences, DePaul University
2010-2011	**Visiting Scientist & Sessional Instructor**, Department of Biological Sciences, University of Calgary
2009-2010	**Assistant Professor & Founding Faculty Member**, Integrated Sciences, Asian University for Women, Chittagong, Bangladesh
2008	**Sessional Instructor**, Department of Biological Sciences, University of Calgary
2007-2009	**Alberta Ingenuity Post-doctoral Fellow**, Department of Biological Sciences, University of Calgary
2000-2001	**Research Associate**, Department of Biological Sciences, University of Calgary

AWARDS AND RECOGNITION

2019, 2020	**Mid-Career Excellence in Research Award Nominee**, College of Science & Health, DePaul University

2019 **Mentor of the Year Nominee**, College of Science & Health, DePaul University

2019 **Supervisor of the Year Nominee**, Office of Student Employment, DePaul University

2007-2009 **Alberta Ingenuity Post-doctoral Fellowship**, Government of Alberta

2005, 2006 **Letter of Commendation for Teaching**, Department of Biological Sciences, University of Alberta

2005 **Bill Samuel Graduate Student Service Award**, Dept. of Biological Sciences, University of Alberta (Winner of the inaugural award)

2004-2006 **Izaak Walton Killam Memorial Scholarship**, Faculty of Graduate Studies, University of Alberta - *The most prestigious graduate award administered by the University of Alberta*

2004 **Dorothy J. Killam Memorial Graduate Prize**, Faculty of Graduate Studies, University of Alberta - *Awarded to top Killam recipient in each of four disciplines (awarded for Life Sciences)*

2002-2004 **Doctoral Fellowship**, Natural Sciences and Engineering Research Council of Canada (NSERC), Government of Canada

1998 **Alan Master's Award, Excellence in undergraduate ecology research**, University of Calgary

PUBLICATIONS

Note. The symbol [G] denotes MS student co-authors under my supervision, and [U] denotes undergraduate student co-authors under my supervision.

Peer-reviewed articles

[G]Leeper, A.C., B.A. Lawrence, **J.M. LaMontagne.** Soil nutrient availability has a limited influence on mast seeding patterns in white spruce. Oecologia. *In review.*

Fernández-Martínez, M., J. Sardans, F. Sayol, **J.M. LaMontagne**, M. Bogdziewicz, A. Collalti, A. Hacket-Pain, G. Vacchiano, J.M. Espelta, J. Peñuelas, I.A. Janssens. Economies of scale come after nutrient scarcity as selective pressures for mast seeding. Nature Plants. *In review.*

[U]Barton, J.H., K. [G]Morris, D. Meritt, S. Magle, and **J.M. LaMontagne.** Does urbanization influence population trends of European Starlings and their relationships with cavity-nesting birds? Acta Oecologica. *In review.*

2020 Pearse, I.S., **J.M. LaMontagne**, M. [U]Lordon, A.L. Hipp, and W.D. Koenig. 2020. Biogeography and phylogeny of masting: Do global patterns fit functional hypotheses? New Phytologist. *In press.*

2020 **LaMontagne, J.M.**, I.S. Pearse, D. Greene, W.D. Koenig. 2020. Mast seeding patterns are asynchronous at a continental scale. Nature Plants. *In press.*

2020 Zuckerberg, B, C. Strong, **J.M. LaMontagne**, S. St. George, J.L. Betancourt, and W.D. Koenig. 2020. Climate dipoles as continental drivers of plant and animal populations. Trends in Ecology & Evolution. https://doi.org/10.1016/j.tree.2020.01.010

2019 Ascoli D., A. Hacket-Pain, **J.M. LaMontagne**, A. Cardil, M. Conedera, J. Maringer, R. Motta, I.S. Pearse, G. Vacchiano. 2019. Climate teleconnections synchronize *Picea glauca* masting and fire disturbance: Evidence for a fire-related form of environmental prediction. Journal of Ecology. https://doi.org/10.1111/1365-2745.13308

2019 Fernández-Martínez, M., I. Pearse, J. Sardans, F. Sayol, W.D. Koenig, **J.M. LaMontagne**, M. Bogdziewicz, A. Collalti, A. Hacket-Pain, G. Vacchiano, J.M. Espelta, J. Peñuelas, I.A. Janssens. 2019. Nutrient scarcity as a selective pressure for mast seeding. Nature Plants 5: 1222-1228. https://doi.org/10.1038/s41477-019-0549-y

2019 Wang, Y, **J.M. LaMontagne***, Y. Chen, F. Lin, Z. Yuan, J. Ye, X. Wang, and Z. Hao*. 2019. A comparison of community structure between seed rain and neighboring adult trees in an old-growth temperate forest. Journal of Forestry Research. *Co-corresponding authors https://doi.org/10.1007/s11676-019-01027-3

2019 [U]Zlatev[*], D.B., M.C. [U]Lordon[*], E.A. [U]Schremp, A.C. [U]Steffen, A.E. [U]Grecco, J.S. Bystriansky, and **J.M. LaMontagne**. 2019. Clam community composition and prey shell size impacts moon snail (Gastropod: Naticidae) drilling frequencies in South Carolina, USA. Marine Ecology: e12526. [*]Co-lead authors https://doi.org/10.1111/maec.12526

2019 [G]Bovyn, R.A., M.C. [U]Lordon, A.E. [U]Grecco, A.C. [U]Leeper, and **J.M. LaMontagne**. 2019. Tree cavity availability in cemeteries and urban parks. Journal of Urban Ecology 5: juy030. https://doi.org/10.1093/jue/juy030

2018 [G]Bovyn, R, E. McCauley, and **J.M. LaMontagne**. 2018. Offspring size-number tradeoffs and food quality feedbacks impact population dynamics in a *Daphnia*-algae system. Oikos 127: 1152-1162. https://doi.org/10.1111/oik.04788

2017 Pearse, I.S., **J.M. LaMontagne**, and W.D. Koenig. 2017. Interannual variation in mast seeding has increased over time (1900-2014). Proceedings of the Royal Society B. 284 https://doi.org/10.1098/rspb.2017.1666

2017 [G]Shaughnessy, C., E.C. [G]Anderson, M. [G]Kasparian, **J.M. LaMontagne**, and J.S. Bystriansky. 2017. Survival and osmoregulation of the purple marsh crab *Sesarma reticulatum* at varying salinity and pH. Canadian Journal of Zoology 95: 985-989. https://doi.org/10.1139/cjz-2016-0199

2017 Wang[*], Y, J. Zhang[*], **J.M. LaMontagne**, F. Lin, B. Li, J. Ye, and Z. Hao. 2017. Variation and synchrony of tree species mast seeding in an old-growth temperate forest. Journal of Vegetation Science 28: 413–423. [*]Co-lead authors https://doi.org/10.1111/jvs.12494

2016 [G]Anderson, E.C., and **J.M. LaMontagne.** 2016. Nest selection by Red-headed Woodpeckers across three spatial scales in an urban environment. Urban Ecosystems 19: 197-314. https://doi.org/10.1007/s11252-015-0491-3

2015 **LaMontagne, J.M.**, R.J. Kilgour, E.C. [G]Anderson, and S. Magle. 2015. Tree cavity availability across forest, park, and residential habitats in a highly urban area. Urban Ecosystems 18:151–167. https://doi.org/10.1007/s11252-014-0383-y

2013 **LaMontagne, J.M.**, C.T. Williams, J.L. Donald, M.M. Humphries, A.G. McAdam, and S. Boutin. 2013. Linking intraspecific variation in territory size, cone supply, and survival of North American red squirrels. Journal of Mammalogy 94: 1048-1058. https://doi.org/10.1644/12-MAMM-A-245.1

2013 Flanagan, K.M. and **J.M. LaMontagne**. 2013. Caribou Conservation Conundrum. The National Center for Case Study Teaching in Science. *This case was featured by the National Center for Case Study Teaching in Science Mar 2013.*

2012 Krebs, C.J., **J.M. LaMontagne**, A.J. Kenney, and S. Boutin. 2012. Climatic determinants of white spruce cone crops in the boreal forest of the southwestern Yukon. Botany 90: 113-119. https://doi.org/10.1139/b11-088

2010 Fletcher, Q.E., S. Boutin, J.E. Lane, **J.M. LaMontagne**, A.G. McAdam, C.J. Krebs, and M.M. Humphries. 2010. The functional response of a hoarding seed predator to mast seeding. Ecology 91: 2673–2683. https://doi.org/10.1890/09-1816.1

2010 Tracz, B.V., **J.M. LaMontagne**, E. Bayne, and S. Boutin. 2010. Annual and monthly range fidelity of female boreal woodland caribou in response to petroleum development. Rangifer 30: 31-44. https://doi.org/10.7557/2.30.1.780

2009 **LaMontagne , J.M.** and S. Boutin. 2009. An evaluation of quantitative methods for defining mast-seeding years across species and studies. Journal of Vegetation Science 20: 745-753. https://doi.org/10.1111/j.1654-1103.2009.01068.x

2007 **LaMontagne, J.M.** and S. Boutin. 2007. Local-scale synchrony and variability in mast seed production patterns of *Picea glauca*. Journal of Ecology 95: 991-1000. https://doi.org/10.1111/j.1365-2745.2007.01266.x

2007 Kerr, T., S. Boutin, **J.M. LaMontagne**, A.G. McAdam, and M.M. Humphries. 2007. Persistent maternal effects on juvenile survival in North American red squirrels. Biology Letters 3: 289–291. https://doi.org/10.1098/rsbl.2006.0615

2006 Pretzlaw, T., C. Trudeau, M.M. Humphries, **J.M. LaMontagne**, and S. Boutin. 2006. Red squirrel (*Tamiasciurus hudsonicus*) feeding on bark beetles (*Dendroctonus rufipennis*) in the Canadian boreal forest: energetic and ecological implications. Journal of Mammalogy 87: 909-914. https://doi.org/10.1644/05-MAMM-A-310R1.1

2005 **LaMontagne, J.M.**, S. Peters, and S. Boutin. 2005. A visual index for estimating cone production for individual white spruce trees. Canadian Journal of Forest Research 35: 3020–3026. https://doi.org/10.1139/x05-210

2005 **LaMontagne, J.M.** and S. Boutin. 2005. Effects of spruce bark beetle infestation on red squirrel population density. *In:* The Kluane Ecological Monitoring Project Annual Report 2004/2005. J. D. Henry, C.J. Krebs, E. Hofer, A.J. Kenney & A. Chilibeck (editors).

2004 **LaMontagne, J.M.,** R.M.R. Barclay, and L.J. Jackson. 2004. Trumpeter swan energy balance at stopover areas during spring migration. Northwestern Naturalist 85: 104-110.

2003 **LaMontagne, J.M.**, L.J. Jackson, and R.M.R. Barclay. 2003. Trumpeter swan habitat preference in stopover areas during spring migration. Canadian Journal of Zoology 81: 1791-1798. https://doi.org/10.1139/z03-176

2003 **LaMontagne, J.M.**, L.J. Jackson, and R.M.R. Barclay. 2003. Compensatory growth responses of *Potamogeton pectinatus* to foraging by migrating trumpeter swans in spring stop over areas. Aquatic Botany 76: 235-244. https://doi.org/10.1016/S0304-3770(03)00051-2

2002 **LaMontagne, J.M.**, R.L. Irvine, and E.E. Crone. 2002. Spatial patterns of population regulation and population viability in sage grouse (*Centrocercus* spp.). Journal of Animal Ecology 71: 672-682. https://doi.org/10.1046/j.1365-2656.2002.00629.x

2002 **LaMontagne, J.M.** 2002. Use of spring migration stopover habitat by trumpeter swans in southern Alberta. Parks Canada Research Links 10: 18-20.

2001 **LaMontagne, J.M.**, R.M.R. Barclay, and L.J. Jackson. 2001. Trumpeter swan behaviour at spring migration stopover areas in Southern Alberta. Canadian Journal of Zoology 79: 2036-2042. https://doi.org/10.1139/z01-168

2001 **LaMontagne, J.M.,** and E. McCauley. 2001. Maternal effects in *Daphnia*: what mothers are telling their offspring and do they listen? Ecology Letters 4: 64-71. https://doi.org/10.1046/j.1461-0248.2001.00197.x

Editor-only reviewed articles

2014 [G]Anderson, E.C., and **J.M. LaMontagne.** 2014. Characteristics of recently used or reused Red-headed Woodpecker cavity nests in Cook County, IL. Meadowlark 23: 46-52.

Other journal articles from my lab

2016 [U]Leeper, A. and **J.M. LaMontagne.** 2016. White spruce (*Picea glauca*) seedling abundance and their environment. DePaul Discoveries 5: Article 9.

2014 [U]Lordon, M.C. and **J.M. LaMontagne.** 2014. Arthropod Communities and Red-headed Woodpecker (*Melanerpes erythrocephalus*) Habitat Selection. DePaul Discoveries 3: Article 12.

2013 [U]Grecco, A. and **J.M. LaMontagne.** 2013. Variation in cone production of white spruce at two sites near its southern range limit. DePaul Discoveries 2: Article 7.

RESEARCH GRANTS AND CONTRACTS

External Grant Funding

2020 Department of Energy, Office of Science, Biological and Environmental Research, Terrestrial Ecosystem Science. *"Connecting experimental warming & elevated CO_2 influences on carbon and nutrient allocation to reproduction in boreal conifers with global systems models."* (Lead-PI; DePaul amount: $488,721; Total award: $886,319; pending)

2020 John Wesley Powell Center for Analysis and Synthesis. *"Linking long-term seed production to regeneration and animal population dynamics in global forests."* (Participant; PI is Dr. Ian Pearse, United States Geological Survey, Total award $202,500; pending)

2020 National Science Foundation, Division of Environmental Biology. *REU Supplement. "EAGER: Individual variation and mast seeding.*" (PI; $8,772)

2019-2023 National Science Foundation, Macrosystems Biology & NEON-Enabled Science. *"Collaborative Proposal: MRA: Identifying the role of climatic dipoles on plant and animal populations at continental scales."* (PI; $351,850 (DePaul amount); collaborators: B. Zuckerburg (UW-Madison), C. Strong (Univ. of Utah); Total award: $914,023)

2019 National Science Foundation, Division of Environmental Biology. *REU Supplement. "EAGER: Individual variation and mast seeding.*" (PI; $8,152)

2017-2020 National Science Foundation, Division of Environmental Biology. "*EAGER: Individual variation and mast seeding.*" (PI; $200,000)

2014-2019 USDA McIntire-Stennis program. "*Detecting the signal of synchrony: Masting of white spruce (Picea glauca) and its influence on avian irruptions.*" (Project collaborator; PI is Dr. B. Zuckerberg, UW-Madison; Total award: $144,670)

2018 Illinois Ornithological Society. "*Cognition and learning in songbirds across an urbanization gradient*." (PI; research grant awarded to graduate student Kayce Miller; $1000)

2012-2017 Huron Mountain Wildlife Foundation. "*Mast-seeding dynamics in the southern range of a boreal forest species*." (PI; Total award: $12,748)

2016 Western Ag Innovations. "*What is the role of localized soil nutrient availability on mast seeding patterns in white spruce (Picea glauca)?*" (PI; research grant awarded to student Abigail Leeper; $1,500)

2016 Illinois Ornithological Society. "*The effects of urbanization on neophobia and problem solving in American Crows.*" (PI; research grant awarded to graduate student Jesse Hacker, $1000)

2014 Illinois Ornithological Society. "*Competition for cavities Red-headed Woodpeckers experience during the winter and spring within Cook Co., IL.*" (PI; research grant awarded to graduate student Kattie Morris, $750)

2014 Illinois State Academy of Science. "*Linking predator life history trade-offs to levels of stability in predator-prey dynamics.*" (PI: research grant awarded to graduate student Ryan Wenkus; $500)

2013 Illinois Ornithological Society. "*Red-headed Woodpecker habitat selection*." (PI: research grant awarded to graduate student Elsa Anderson. $1000)

2010 Takahashi Foundation (Japan) Research Grant. "*Avian diversity in urban habitats of south Asia.*" (PI; $10,000)

2007-2009 Alberta Ingenuity Postdoctoral Research Grant, Alberta Ingenuity Fund, Government of Alberta. "*Effects of dynamic variation in food resources on individual life-histories & population cycles*." (PI; $7,000)

2002-2005 Northern Scientific Training Program Research Grant, Department of Indian Affairs and Northern Development, Government of Canada. "*Linking individual life-histories, spatial patterns, and population dynamics in small mammals*." (PI; $8,600)

2002-2004 Circumpolar / Boreal Alberta Research Grant, Canadian Circumpolar Institute, University of Alberta. "*Linking individual life-histories, spatial patterns, and population dynamics in small mammals.*" (PI; $2,000)

1999 Alberta Challenge Grants in Biodiversity, Alberta Conservation Association. "*Trumpeter swam habitat selection during migration*." (PI; $7,680)

Internal Funding (only shown for DePaul University)

2012-2020 Faculty Summer Research Grants, College of Science and Health, DePaul University (PI; 5 awards, Total award: $30,900)

2020 Competitive Course Release Grant, University Research Council, DePaul University (PI; 1 unit course release)

2011-2019 Competitive Research Grants, University Research Council, DePaul University (PI; 7 awards, Total award: $23,731)

2012-2019 Undergraduate Research Assistantship Program, College of Science and Health, DePaul University (PI; 11 awards, Total award: $16,575)

2019 University Research Council (URC) Summer Research Grant, DePaul University, Problem-solving performance of songbirds across an urbanization gradient. $7,500 (PI)

2019 University Research Council (URC) Research Equipment Grant, DePaul University, Patterns of synchrony in reproduction of individual trees across spatial scales. $3,500 (PI)

2019 Competitive Course Release Grant, University Research Council, DePaul University (PI; 1 unit course release)

2015-2017 Collaborative Research Grant, University Research Council, DePaul University, (co-PI with Dr. Beth Lawrence, $5,000)

2017 Competitive Course Release Grant, University Research Council, DePaul University (PI; 1 unit course release plus funding to attend NSF Grants Conference)

2012-2017 Undergraduate Summer Research Assistantship Program, College of Science and Health, DePaul University (PI; 4 awards, Total award: $6,500)

2013-2015 Departmental Initiative Grant, Quality of Instruction Council, DePaul University, *Equipment to Enhance Field Based Teaching and Research in Biology*, (co-PI with Dr. Jason Bystriansky, $7,498)

2011-2013 Competitive Instructional Grant, Quality of Instruction Council, DePaul University. *Development of a new course in Terrestrial and Aquatic Field Biology,* (co-PI with Dr. Bystriansky, $3,328)

2012 Summer Stipend, Quality of Instruction Council, DePaul University. *Strengthening skills of students in biological statistics: Designing Advanced Biometry curriculum and a statistical training manual* (PI; $3,500)

INVITED SEMINARS

2019 Miller, K., L. Hopper, S. Magle, & **J.M. LaMontagne**. *Experimentally testing urbanization and bird cognition, and problem-solving efficiency in black-capped chickadees*. Lincoln Park Zoo Seminar Series. September 2019. (presented by graduate student Kayce Miller)

2019 **LaMontagne, J.M.** *Embracing variability in population ecology: Conservation biology, urban ecology, and synchrony.* Butler University. Biology Seminar Series. March 2019.

2019 **LaMontagne, J.M.** *Embracing Variability in Population Ecology: Continental synchrony in mast seeding to urban ecology.* University of Wisconsin – Madison. Forest and Wildlife Ecology Seminar Series. March 2019.

2018 **LaMontagne, J.M.** *Spatial Patterns in Population Ecology: From continental synchrony in mast seeding to urban ecology.* Loyola University, Biology Seminar Series. October 2018.

2017 **LaMontagne, J.M.** *Expedition Antarctica: Landscapes, wildlife, and climate change in the Antarctic Peninsula. An Earth Day Talk.* DePaul University, DePaul Ecology, Evolution & Physiology (DEEP) Club Earth Day Seminar. April 2017.

2016 **LaMontagne, J.M.** *Synchrony in mast seeding across spatial scales, and tales of tree cavities*, Northern Illinois University, DeKalb, IL, March 2016.

2016 **LaMontagne, J.M.** *Synchrony in mast seeding across spatial scales, and other population ecology research by the LaMontagne lab.* DePaul University, Department of Biological Sciences Seminar Series, January 2016.

2015 **LaMontagne, J.M.** *Synchrony in mast seeding across spatial scales, and tales of tree cavities*, Illinois Natural History Survey Seminar Series, Illinois Natural History Survey, Champaign, IL, March 2015.

2015 **LaMontagne, J.M.** *Spatial and temporal variation in mast seeding patterns*, Ecology & Evolution seminar series, Department of Biological Sciences, University of Illinois at Chicago, February 2015.

2014 Anderson, E.C. and **J.M. LaMontagne.** *Nesting patterns of Red-Headed Woodpeckers in Cook County*, Conservation and Science Lecture Series, Lincoln Park Zoo, May 2014. (presented by graduate student Elsa Anderson)

2013 **LaMontagne, J.M.** *Spring migration of Trumpeter Swans: behaviour and habitat selection at stopover sites*, Conservation and Science Lecture Series, Lincoln Park Zoo, March 2013.

2011 **LaMontagne, J.M.** Changing environments: Individual & population perspectives. Department of Biological Sciences, DePaul University. April 2011.

2011 **LaMontagne, J.M.** Variability in Nature: Resource pulses. Department of Biological Sciences, Mount Holyoke College. April 2011.

2011 **LaMontagne, J.M.** Changing environments: Individual & population perspectives. Department of Biological Sciences, Washburn University. March 2011.

2008 **LaMontagne, J.M.** *Variability in food availability: individual & population responses of red squirrels,* Ecology Division Seminar, University of Calgary.

2000 **LaMontagne, J.M.** *Use of Migration Stopover areas by Trumpeter Swans in Southern Alberta*, Ecology Division Seminar, University of Calgary.

2000 **LaMontagne, J.M.** *Springtime habitat use by Trumpeter Swans west of Calgary*, Calgary Field Naturalists.

CONFERENCE & SYMPOSIUM PRESENTATIONS

Note. The symbol [G] denotes graduate student co-authors under my supervision, and [U] denotes undergraduate student co-authors under my supervision.

Professional & Society Conferences

2019 **LaMontagne, J.M.**, I.S. Pearse, D.F. Greene, and W.D. Koenig. Mast seeding is asynchronous at a continental scale in white spruce. Presented at the British Ecological Society meeting, Belfast, UK. December 2019.

2019 **LaMontagne, J.M.**, A.C. [G]Leeper & C. [U]Corona. Cone production patterns of white spruce, and observations of spruce budworm defoliation. 4th Science in the Northwoods Conference. Kemp Natural Resources Station, Woodruff, WI. October 2019.

2019 [U]Sterman, J., A.C. [G]Leeper & **J.M. LaMontagne**. Synchrony of mast seeding patterns in a boreal forest community. Joint meeting of the Canadian Society for Ecology and Evolution, the Canadian Entomological Society, and the Acadian Society of Entomologists. Fredericton, New Brunswick, Canada. August 2019.

2019 **LaMontagne, J.M.**. J.R. Phillips, W.R. Nettles, and P.J. Hanson. Experimental warming and increased CO_2 impact cone production in black spruce. Joint meeting of the Canadian Society for Ecology and Evolution, the Canadian Entomological Society, and the Acadian Society of Entomologists. Fredericton, New Brunswick, Canada. August 2019.

2019 [U]Corona, C., A.C. [G]Leeper & **J.M. LaMontagne**. Eastern spruce budworm defoliation of white spruce over balsam fir in N. Wisconsin, USA. Poster presented at the Joint meeting of the Canadian Society for Ecology and Evolution, the Canadian Entomological Society, and the Acadian Society of Entomologists. Fredericton, New Brunswick, Canada. August 2019.

2019 [G]Leeper, A.C. & **J.M. LaMontagne**. Mast seeding and a spruce budworm outbreak: is there a benefit to trees being asynchronous? Poster presented at the Joint meeting of the Canadian Society for Ecology and Evolution, the Canadian Entomological Society, and the Acadian Society of Entomologists. Fredericton, New Brunswick, Canada. August 2019.

2019 [G]Miller, K., L. Hopper, S. Magle, & **J.M. LaMontagne**. Problem-solving performance of songbirds in urban and rural environments. Poster presented at Behaviour 2019: the 56th Annual Conference of the Animal Behavior Society and the 36th International Ethological Conference. Chicago, IL. July 2019.

2019 **LaMontagne, J.M.,** J.R. Phillips, W.R. Nettles, and P.J. Hanson. Experimental warming and increased CO_2 impact cone production in black spruce. Poster presented at the 12th North American Forest Ecology Workshop: Forests on the edge: forest ecology in rapidly changing conditions. Flagstaff, Arizona. June 2019.

2019 Zuckerberg, B, C. Strong, **J.M. LaMontagne**. The influence of climatic dipoles on irruption dynamics in a warming world. 137th Annual Meeting American Ornithological Society Birds on the Edge: Dynamic Boundaries. Anchorage, Alaska. June 2019.

2019 [G]Rios, M.J., S. Magle, & **J.M. LaMontagne.** Spatio-temporal patterns of brown rat and free-roaming cat populations in the city of Chicago. Poster presented at the International Urban Wildlife Conference. Portland, Oregon. June 2019.

2018 [G]Morris, K., E. [G]Anderson, M. Wade, & **J.M. LaMontagne**. Urbanization, invasive species, and competition for tree cavities: A red-headed woodpecker case study. Presented in the Urban Ecology Symposium at the Canadian Society for Ecology & Evolution Meeting. University of Guelph, Guelph, Ontario, Canada. July 2018.

2018 Leeper, A.C., B. Lawrence, & **J.M. LaMontagne**. Soil nutrients and mast seeding patterns of white spruce. Presented at the Canadian Society for Ecology & Evolution Meeting. University of Guelph, Guelph, Ontario, Canada. July 2018.

2018 [G]Miller, K., L. Hopper, S. Magle, & **J.M. LaMontagne**. Problem-solving performance of songbirds across an urbanization gradient. Poster presented at the Canadian Society for Ecology & Evolution Meeting. University of Guelph, Guelph, Ontario, Canada. July 2018.

2018 [U]Sterman, J., A.C. Leeper & **J.M. LaMontagne**. Mast seeding patterns in a boreal forest community. Poster presented at the Canadian Society for Ecology & Evolution Meeting. University of Guelph, Guelph, Ontario, Canada. July 2018.

2018 [U]Barton, J. & **J.M. LaMontagne**. Algal-food forcing and population dynamics of food forcing and population dynamics of *D. pulex*. Poster presented at the Canadian Society for Ecology & Evolution Meeting. University of Guelph, Guelph, Ontario, Canada. July 2018.

2018 Leeper, A.C., B.A. Lawrence & **J.M. LaMontagne**. How does soil nutrient availability influence mast seeding dynamics of white spruce? Poster presented at US Regional Association of the International Association for Landscape Ecology Annual Meeting, Palmer House, Chicago, IL. April 2018.

2018 **LaMontagne, J.M.**, I.S. Pearse, D.F. Greene, and W.D. Koenig. Synchrony and variability in mast seeding of white spruce across the boreal forest. Presented at US Regional Association of the International Association for Landscape Ecology Annual Meeting, Palmer House, Chicago, IL. April 2018.

2017 **LaMontagne, J.M.,** I. Pearse, and W.D. Koenig. Mast seeding patterns in five North American conifer genera (1912-2014). Presented at the Canadian Society for Ecology & Evolution Meeting. Victoria, British Columbia, Canada. May 2017.

2017 [G]Hacker, J., L. Hopper, S. Magle, & **J.M. LaMontagne**. Behaviour of animals in wild populations within urban vs suburban habitats. Presented at the Canadian Society for Ecology & Evolution Meeting. Victoria, British Columbia, Canada. May 2017.

2017 [U]Leeper, A.C. & **J.M. LaMontagne**. Reproductive trade-offs in a mast seeding species. Poster presented at the Canadian Society for Ecology & Evolution Meeting. Victoria, British Columbia, Canada. May 2017.

2016 Zuckerberg, B. J. McCabe, C. Strong, **J.M. LaMontagne**, J. Betancourt and W. Koenig. Searching for home: Irruptive migrants seek out familiar landscapes. NAOC (North American Ornithological Conference) IV, Washington DC. *Invited presentation in a symposium on Big Data Ornithology.

2016 **LaMontagne, J.M.,** I. Pearse, M. [U]Lordon, and W.D. Koenig. Mast seeding in white spruce: spatio-temporal patterns and climate change. Presented at the Canadian Society for Ecology & Evolution Meeting. St. John's, Newfoundland.

2016 Goulding, M., **J.M. LaMontagne**, and M. Reid. White spruce of the southwest Yukon and their interactions with the spruce beetle. Presented at the Canadian Society for Ecology & Evolution Meeting. St. John's, Newfoundland, Canada.

2015 **LaMontagne, J.M.**, R.J. Kilgour, E.C. [G]Anderson, and S. Magle. Tree cavity availability across forest, park, and residential habitats is a highly urban area. *Invited presentation in a Contributed Session: 'Urban Wildlife Research in the Chicagoland Area' at the International Urban Wildlife Conference. Chicago, IL.

2015 [G]Anderson, E.C., and **J.M. LaMontagne**. Nest site selection of Red-headed Woodpeckers across three spatial scales in an urban environment. Presented at the International Urban Wildlife Conference. Chicago, IL.

2015 [*G]Morris, K., & **J.M. LaMontagne**. Effect of Non-native Cavity Nesting Birds on Red-Headed Woodpeckers. *Presented as an invited talk in a Contributed Session: 'Urban Wildlife Research in the Chicagoland Area' at the International Urban Wildlife Conference. Chicago, IL.

2015 **LaMontagne, J.M.**, R.J. Kilgour, E.C. [G]Anderson, and S. Magle. Tree cavity availability in a highly urban area. Presented at the 107th Annual Meeting of the Illinois State Academy of Science. Western Illinois University, Macomb, IL.

2015 [G]Wenkus, R., & **J.M. LaMontagne**. Linking predator life history trade-offs to levels of stability in predator-prey dynamics using a *Daphnia*-algae model system. Presented at the 107th Annual Meeting of the Illinois State Academy of Science. Western Illinois University, Macomb, IL.

2015 [*U]Lordon, M., E.C. [G]Anderson, & **J.M. LaMontagne**. Arthropods in urban green spaces near Chicago, IL: Evaluating assemblage response to habitat factors. Presented at the 107th Annual Meeting of the Illinois State Academy of Science. Western Illinois University, Macomb, IL. *M. Lordon was awarded a 'best student oral presentation' award.

2015 [G]Morris, K., & **J.M. LaMontagne**. Effect of Non-native Cavity Nesting Birds on Red-Headed Woodpeckers. Presented at the 107th Annual Meeting of the Illinois State Academy of Science. Western Illinois University, Macomb, IL.

2014 **LaMontagne, J.M.** Synchrony in white spruce mast seeding patterns across three spatial scales. Presented at 3rd Science in the Northwoods Conference. Boulder Junction, WI.

2014 [*G]Anderson, E.C., and **J.M. LaMontagne**. Nest site selection of Red-headed Woodpeckers across three spatial scales in an urban environment. Presented at Genomes to Biomes, a joint meeting of the Canadian Society for Ecology & Evolution and the Canadian Society of Zoology. Montreal, Quebec, Canada.*E. Anderson was awarded an honourable mention for 'best student talk' for this presentation.

2014 **LaMontagne, J.M.** and A.E. [U]Grecco. Synchrony in white spruce cone production across three spatial scales. Presented at Genomes to Biomes, a joint meeting of the Canadian Society for Ecology & Evolution and the Canadian Society of Zoology. Montreal, Quebec, Canada.

2013 **LaMontagne, J.M.**, R.J. Kilgour, E. [G]Anderson, and S.B. Magle. A comparison of tree cavity availability across three habitat types in a highly urban area. Poster presented at the Ecological Society of America 98th Annual Meeting. Minneapolis.

2013 [G]Shaughnessy, C.A., E. [G]Anderson, M. [G]Kasparian, **J.M. LaMontagne**, and J.S. Bystriansky. Survival and osmoregulation of an estuarine crab after acute exposure to varying combined pH and salinity stress. Poster presented at the Canadian Society of Zoologists 52nd Annual Meeting. Guelph, Ontario, Canada.

2012 [U]Adam, A.E., E. McCauley, and **J.M. LaMontagne**. The offspring size vs. offspring number trade-off and its impact on population dynamics: an experimental approach. Poster presented at the 1st Joint Congress on Evolutionary Biology (The American Society of Naturalists, Canadian Society for Ecology & Evolution, European Society for Evolutionary Biology, Society for the Study of Evolution, & Society of Systematic Biologists). Ottawa, Canada.

2010 [U]Ruma, A.B., V. [U]Aswathy, D.K. [U]Sebastian, E. [U]Sithamparanathan, F. [U]Samin, J.M. [U]Mathew, J. [U]Nair, [U]Kalaiyarasi R., [U]Linta R., N. [U]Vijayan, [U]Nimisha K., P.C. [U]Nithy, R.A. [U]Thomas, R.N. [U]Mayukh, S. [U]Panackal, S. [U]Samuel, S.T. [U]Alexander, U. [U]Sivapragasam, B. Battisti, and **J.M. LaMontagne**. Canary In a Coal Mine. Presented at the Planet Environment Festival: Biodiversity is Life/is our Life. UNESCO in partnership with UNEP. Chittagong, Bangladesh.

2008 **LaMontagne, J.M.**, and E. McCauley. Dynamical consequences of manipulating time delays in a predator-prey system. Presented at the Ecological Society of America 93rd Annual Meeting. Milwaukee, WI.

2008 Fletcher, Q.E., S. Boutin, J.E. Lane, **J.M. LaMontagne**, A.G. McAdam, J.R. Speakman and M.M. Humphries. The functional response of red squirrel hoarding to a mast seed producer. Presented at the Canadian Society for Ecology & Evolution Meeting. Vancouver, BC.

2006 **LaMontagne, J.M.** and S. Boutin. Response of a seed predator population to a long-term spruce beetle outbreak in the southwest Yukon. Presented at the 45rd Annual Meeting of the Canadian Society of Zoologists. Edmonton, Alberta.

2006 Tracz, B.V., **J.M. LaMontagne**, E. Bayne, and S. Boutin. Should they stay or should they go? Woodland caribou (*Rangifer tarandus caribou*) response to increased industrial activity. Poster presented at the 11th North American Caribou Workshop. Jasper, Alberta.

2005 **LaMontagne, J.M.** and S. Boutin. Local-scale spatial variation in temporal patterns of white spruce cone production and potential effects on a seed predator population. Presented at the Ecological Society of America 90th Annual Meeting. Montreal, Quebec.

2005 **LaMontagne, J.M.** Response of a seed predator population to a long-term spruce beetle outbreak in the southwest Yukon. Presented at the Northern Research Day. Canadian Circumpolar Institute.

2005 Kerr, T., M.M. Humphries, **J.M. LaMontagne**, and S. Boutin. Effects of food availability on dispersal and settlement in juvenile red squirrels. Presented at the Ecological Society of America 90th Annual Meeting. Montreal, Quebec.

2004 Pretzlaw, T., C. Trudeau, M.M. Humphries, **J.M. LaMontagne**, and S. Boutin. Red squirrel (*Tamiasciurus hudsonicus*) feeding on bark beetles (*Dendroctonus rufipennis*) in the Canadian boreal forest: energetic and ecological implications. Presented at the 29th Annual Meeting of the Quebec Society for the Study of Animal Behaviour. L'Université de Sherbrooke, Sherbrooke, Québéc.

2004 **LaMontagne, J.M.** and S. Boutin. Small-scale spatial variation in habitat quality: implications for populations. Presented at the 43rd Annual Meeting of the Canadian Society of Zoologists. Wolfville, Nova Scotia.

2003 **LaMontagne, J.M.** and R.L. Irvine. Sage grouse in space: What measure of spatial heterogeneity is most meaningful in assessing population dynamics? Poster presented at the Ecological Society of America 88th Annual Meeting. Georgia.

2001 **LaMontagne, J.M.**, L.J. Jackson, and R.M.R. Barclay. Habitat selection by Trumpeter Swans in spring migration stopover areas. Poster presented at the Partners in Conservation Conference. Alberta.

2000 **LaMontagne, J.M.** Pond selection and use by migrating Trumpeter Swans in Southern Alberta. Presented at the Ecological Society of America 85th annual meeting. Snowbird, Utah.

2000 Irvine, R.L., **J.M. LaMontagne**, T.B. Logan, B.O. Ma, C.M. Elkin, and E.E. Crone. Spatial patterns of population regulation and population viability in Sage Grouse (*Centrocercus urophasianus* spp.). Presented at the Ecological Society of America 85th annual meeting. Snowbird, Utah.

1999 **LaMontagne, J.M.** Use of springtime migratory stopping areas by Trumpeter Swans in Southern Alberta. Poster presented at the 17th Trumpeter Swan Society Conference. Idaho Falls, Idaho.

Undergraduate & Graduate Student-Conference Presentations

2020 Cucalon, R.V., W.A. Aguirre, and **J.M. LaMontagne.** Is White Spruce Population Genetic Structure Related to Mast Seeding? Poster presented at the Midwest Ecology & Evolution Conference. Western Illinois University, Macomb, IL. February 2020.

2020 [G]Leeper, A.C., and **J.M. LaMontagne.** Mast Seeding and a Spruce Budworm Outbreak: A Lesson in Peer Pressure. Presented at the Midwest Ecology & Evolution Conference. Western Illinois University, Macomb, IL. February 2020.

2020 [G]Rios, J., S. Magle, and **J.M. LaMontagne.** The Rat Wins the Race? Spatio-temporal Patterns of Brown Rat Populations in the Chicago. Presented at the Midwest Ecology & Evolution Conference. Western Illinois University, Macomb, IL. February 2020.

2020 [U]Barton, J.H., K. [G]Morris, D. Meritt, S. Magle, and **J.M. LaMontagne.** Does Urbanization Influence Population Trends of European Starlings and Their Relationships with Cavity-nesting Birds? Presented at the Midwest Ecology & Evolution Conference. Western Illinois University, Macomb, IL. February 2020.

2020 [U]Corona, C., A.C. [G]Leeper & **J.M. LaMontagne**. Eastern Spruce Budworm Defoliation of White Spruce over Balsam Fir in Northern Wisconsin. Presented at the Midwest Ecology & Evolution Conference. Western Illinois University, Macomb, IL. February 2020.

2019 [U]Corona, C., A.C. [G]Leeper & **J.M. LaMontagne**. Eastern spruce budworm defoliation of white spruce over balsam fir in N. Wisconsin, USA. Poster presented at the College of Science & Health Science Showcase. DePaul University, Chicago, IL. November 2019.

2019 [U]Connolly, B.C., K.M. [G]Miller. & **J.M. LaMontagne**. Raccoon Behavior in Urban and Rural environments. Poster presented at the Midwest Ecology and Evolution Conference, Indiana State University. Terre Haute, IN. April 2019.

2019 [U]Barton, J. & **J.M. LaMontagne**. Does urbanization influence the population trends of European Starlings, Red-headed woodpeckers, and other cavity nesting birds? Poster presented at the Midwest Ecology and Evolution Conference, Indiana State University. Terre Haute, IN. April 2019.

2019 [G]Cowles, E. & **J.M. LaMontagne**. Synchrony and variation in mast seeding white spruce: a genetic approach. Oral presentation at the Midwest Ecology and Evolution Conference, Indiana State University. Terre Haute, IN. April 2019.

2019 [G]Miller, K., L. Hopper, S. Magle, & **J.M. LaMontagne**. Problem-solving performance of songbirds in urban and rural environments. Oral presentation at the Midwest Ecology and Evolution Conference, Indiana State University. Terre Haute, IN. April 2019.

2019 [G]Rios, J., S. Magle, & **J.M. LaMontagne**. Spatio-temporal patterns of brown rat populations and free-roaming cat populations in Chicago. Poster presented at the Midwest Ecology and Evolution Conference, Indiana State University. Terre Haute, IN. April 2019.

2019 [U]Sterman, J., A.C. [G]Leeper & **J.M. LaMontagne**. Synchrony of mast seeding patterns in a boreal forest community. Oral presentation at the Midwest Ecology and Evolution Conference, Indiana State University. Terre Haute, IN. April 2019.

2019 [G]Leeper, A.C. & **J.M. LaMontagne**. Mast seeding synchrony and tree fate during an insect defoliator outbreak. Poster presented at the Midwest Ecology and Evolution Conference, Indiana State University. Terre Haute, IN. April 2019.

2019 [U]Barton, J. & **J.M. LaMontagne**. The effect of temporally altered food and manipulated life-history on *Daphnia pulex* populations. Chicago Area Undergraduate Research Symposium. Stanley Manne Children's Research Institute, Chicago, IL. April 2019.

2019 [U]Sterman J.A., A.C. [G]Leeper & **J.M. LaMontagne**. Synchrony of mast seeding patterns in a boreal forest community. Presented at Chicago Area Undergraduate Research Symposium. Stanley Manne Children's Research Institute, Chicago, IL. April 2019.

2018 [U]Evans, S. & **J.M. LaMontagne**. How similar are mast seeding in trees and mass spawning in marine systems? Presented at the College of Science & Health Science Showcase. DePaul University, Chicago, IL. November 2018.

2018 [U]Harris, J., K.M. [G]Miller & **J.M. LaMontagne**. Sexual differences and problem-solving cognition in songbirds. Presented at the College of Science & Health Science Showcase. DePaul University, Chicago, IL. November 2018.

2018 [U]Sterman J.A., [U]Leeper, A.C. & **J.M. LaMontagne**. Synchrony of mast seeding patterns in a boreal forest community. Presented at the College of Science & Health Science Showcase. DePaul University, Chicago, IL. November 2018.

2018 [U]Barton, J. & **J.M. LaMontagne**. The effect of temporally altered food and manipulated life-history on *Daphnia pulex* populations. Presented at the College of Science & Health Science Showcase. DePaul University, Chicago, IL. November 2018.

2018 [U]Sterman, J., A.C. Leeper & **J.M. LaMontagne**. Mast seeding patterns in a boreal forest community. Poster presented at the Midwest Ecology and Evolution Conference, Kellogg Biological Station, Michigan State University. Hickory Corners, MI.

2018 [U]Barton, J. & **J.M. LaMontagne**. Algal-food forcing and population dynamics of *D. pulex*. Poster presented at the Midwest Ecology and Evolution Conference, Kellogg Biological Station, Michigan State University. Hickory Corners, MI.

2017 [U]Barton, J. & **J.M. LaMontagne**. Response of *D. pulex* populations to different patterns of algal food over time. Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2017 [U]Sajwani, A., A.C. [U]Leeper, B. Lawrence, & **J.M. LaMontagne**. Do soil nutrients impact white spruce reproduction? Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2017 [U]Wade, M.W. & **J.M. LaMontagne**. Effects of spatial temperature disparity on growth of *Picea glauca* near Lake Superior. Poster presented at the Midwest Ecology and Evolution Conference, University of Illinois, Urbana-Champaign, IL.

2017 [G]Bovyn, R.A., M.C. [U]Lordon, A.C. [U]Leeper, K. [G]Morris, H. [U]Anderson, & **J.M. LaMontagne**. Urban habitats: Tree cavity availability in cemeteries and city parks. Presented at the Midwest Ecology and Evolution Conference, University of Illinois, Urbana-Champaign, IL.

2017 [U]Leeper, A.C. & **J.M. LaMontagne**. Reproductive Trade-Offs in a Mast Seeding Species. Presented at the Midwest Ecology and Evolution Conference, University of Illinois, Urbana-Champaign, IL.

2017 [G]Hacker, J., L. Hopper, S. Magle, & **J.M. LaMontagne**. Behavior of animals in wild populations within urban vs suburban habitats. Presented at the Midwest Ecology and Evolution Conference, University of Illinois, Urbana-Champaign, IL.

2017 [U]Leeper, A.C. & **J.M. LaMontagne**. Reproductive Trade-Offs in a Mast Seeding Species. Poster presented at the 13th annual Chicago Area Undergraduate Research Symposium. Chicago, IL.

2017 [U]Wade, M.W. & **J.M. LaMontagne**. Effects of spatial temperature disparity on growth of *Picea glauca* near Lake Superior. Poster presented at the 13th annual Chicago Area Undergraduate Research Symposium. Chicago, IL.

2016 [U]Leeper, A.C., B. Lawrence & **J.M. LaMontagne**. Soil Nutrients & Reproductive Variation of White Spruce in the Huron Mountains. Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2016 [U]Leeper, A.C. & **J.M. LaMontagne**. Conifer seedling abundance and their environment. Poster presented at the 12th annual Chicago Area Undergraduate Research Symposium. Museum of Science and Industry, Chicago, IL. *A. Leeper was awarded an 'Honorable Mention' within the Biological Sciences category (4 awarded of 50 presentations).

2015 [U]Leeper, A.C. & **J.M. LaMontagne**. Conifer seedling abundance and their environment. Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2015 [U]Grecco, A.E., & **J.M. LaMontagne**. Intraspecific Variation in Reproductive Investment of a Mast-Seeding Species: White Spruce (*Picea glauca*) Cone Production, Cone Size, and Seeds per Cone. Presented at the Honor's Student Conference, DePaul University, Chicago, IL.

2015 [U]Leeper, A, C. [G]Morris, & **J.M. LaMontagne**. Winter acorn abundance at Red-headed Woodpecker roosting sites. Poster presented at the 11th annual Chicago Area Undergraduate Research Symposium. Lurie Medical Research Center, Chicago, IL.

2015 [G]Wenkus, R., & **J.M. LaMontagne**. Linking predator life history trade-offs to levels of stability in predator-prey dynamics using a *Daphnia*-algae model system. Presented at the Midwest Ecology and Evolution Conference, Indiana University, Bloomington, IN.

2015 [U]Lordon, M., E.C. [G]Anderson, & **J.M. LaMontagne**. Arthropods in urban green spaces near Chicago, IL: Evaluating assemblage response to habitat factors. Presented at the Midwest Ecology and Evolution Conference, Indiana University, Bloomington, IN.

2015 [G]Morris, K., & **J.M. LaMontagne**. Effect of Non-native Cavity Nesting Birds on Red-Headed Woodpeckers. Presented at the Midwest Ecology and Evolution Conference, Indiana University, Bloomington, IN.

2015 [U]Grecco, A.E., & **J.M. LaMontagne**. Individual variation in white spruce seed production and cone size: implications for mast seeding research. Poster presented at the Midwest Ecology and Evolution Conference, Indiana University, Bloomington, IN.

2014 [U]Grecco, A.E., & **J.M. LaMontagne**. Individual variation in white spruce cone size. Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2014 [U]Lordon, M., & **J.M. LaMontagne**. Arthropod communities and red-headed woodpecker (*Melanerpes erythrocephalus*) habitat selection. Presented at the DePaul University Department of Biological Sciences Senior Research Symposium.

2014 [U]Moore, D., & **J.M. LaMontagne**. Trends in avian diversity across a rural-to-urban gradient in South Asia. Presented at the DePaul University Department of Biological Sciences Senior Research Symposium.

2014 [U]Grecco, A.E., & **J.M. LaMontagne**. Spatiotemporal patterns in white spruce cone production in Wisconsin and Michigan. Poster presented at the 10th annual Chicago Area Undergraduate Research Symposium. Chicago, IL.

2014 [U]Schremp, E.A., D.B. [U]Zlatev, M.C. [U]Lordon, A.C. [U]Steffen, A.E. [U]Grecco, J.S. Bystriansky & **J.M. LaMontagne.** Clam species and shell size preferences by moon snail predators. Poster presented at the 10th annual Chicago Area Undergraduate Research Symposium. Chicago, IL.

2014 [G]Anderson, E.C., & **J.M. LaMontagne**. Nesting patterns of Red-headed Woodpeckers in Cook County, IL. Presented at the Midwest Ecology and Evolution Conference, University of Dayton, Dayton, OH.

2014 [U]Grecco, A.E., & **J.M. LaMontagne**. Spatiotemporal patterns in white spruce cone production in Wisconsin and Michigan. Presented at the Midwest Ecology and Evolution Conference, University of Dayton, Dayton, OH.

2014 [U]Moore, D., & **J.M. LaMontagne**. Trends in avian diversity across a rural-to-urban gradient in South Asia. Presented at the Midwest Ecology and Evolution Conference, University of Dayton, Dayton, OH.

2014 [G]Morris, K., R. [G]Wenkus, M. [U]Lordon, J.S. Bystriansky, & **J.M. LaMontagne**. Spatial distribution of plant communities over salinity gradients on barrier islands. Poster presented at the Midwest Ecology and Evolution Conference, University of Dayton, Dayton, OH.

2014 [U]Schremp, E.A., D.B. [U]Zlatev, M.C. [U]Lordon, A.C. [U]Steffen, A.E. [U]Grecco, J.S. Bystriansky & **J.M. LaMontagne.** Clam species and shell size preferences by moon snail predators. Poster presented at the Midwest Ecology and Evolution Conference, University of Dayton, Dayton, OH.

2014 [U]Lordon, M., E.C. [G]Anderson, & **J.M. LaMontagne**. Arthropod communities and red-headed woodpecker (*Melanerpes erythrocephalus*) habitat selection. Poster presented at the Midwest Ecology and Evolution Conference, University of Dayton, Dayton, OH.

2013 [U]Grecco, A.E., & **J.M. LaMontagne**. Patterns of white spruce cone production in Wisconsin and Michigan. Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2013 [U]Moore, D., & **J.M. LaMontagne**. Avian guild diversity across urban ecosystems of South Asia. Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2013 [U]Lordon, M., E.C. [G]Anderson, & **J.M. LaMontagne**. Sampling the arthropod community in habitats of Red-Headed Woodpeckers (*Melanerpes erythrocephalus*). Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2013 [U]Zlatev, D. & **J.M. LaMontagne**. Spatial patterns in predation of clams by moon snails. Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2013 [U]Grecco, A.E., & **J.M. LaMontagne.** Variation in cone production of white spruce at two sites near its southern range limit. Poster presented at the 9th annual Chicago Area Undergraduate Research Symposium. IIT, Chicago, IL.

2013 [U]Moore, D., K. [G]Herrmann, J.S. Bystriansky, & **J.M. LaMontagne.** The effects of path proximity, predator size, and crab sex on fiddler crab responses to a simulated predator attack. Poster presented at the 9th annual Chicago Area Undergraduate Research Symposium. IIT, Chicago, IL.

2013 [U]Rider, H.A., R.G. [U]Millison, D.B. [U]Zlatev, A.E. [U]Grecco, M.C. [U]Lordon, A.C. [U]Steffen, E.A. [U]Binelli, J.S. Bystriansky & **J.M. LaMontagne.** Naticid prey preference: Does bivalve size matter? Poster presented at the 9th annual Chicago Area Undergraduate Research Symposium. IIT, Chicago, IL.

2013 [U]Wenkus, R., G. [G]Einhorn, L. [G]Younes, **J.M. LaMontagne**, & J.S. Bystriansky. Biofilm Accumulation and Diversity in the Intertidal and Subtidal Zones of the ACE Basin Estuary, South Carolina. Poster presented at the 9th annual Chicago Area Undergraduate Research Symposium. IIT, Chicago, IL.

2013 [U]Grecco, A.E., & **J.M. LaMontagne.** Variation in cone production of white spruce at two sites near its southern range limit. Poster presented at the Midwest Ecology and Evolution Conference, Notre Dame, South Bend, IN.

2013 [U]Rider, H.A., R.G. [U]Millison, D.B. [U]Zlatev, A.E. [U]Grecco, M.C. [U]Lordon, A.C. [U]Steffen, E.A. [U]Binelli, J.S. Bystriansky & **J.M. LaMontagne.** Naticid prey preference: Does bivalve size matter? Poster presented at the Midwest Ecology and Evolution Conference, Notre Dame, South Bend, IN.

2013 [G]Anderson, E.C., M.E. [G]Kasparian, C.A. [G]Shaughnessy, **J.M. LaMontagne**, & J.S. Bystriansky. Combinatorial salinity and pH stress responses of invasive Asian shore crab (*Hemigrapsus sanguineus*). Presented at the Midwest Ecology and Evolution Conference, Notre Dame, South Bend, IN.

2013 [U]Wenkus, R., G. [G]Einhorn, L. [G]Younes, **J.M. LaMontagne**, and J.S. Bystriansky. Biofilm Accumulation and Diversity in the Intertidal and Subtidal Zones of the ACE Basin Estuary, South Carolina. Presented at the Midwest Ecology and Evolution Conference, Notre Dame, South Bend, IN.

2012 [U]Grecco, A.E., & **J.M. LaMontagne**. Southern range limits: White Spruce characteristics in Wisconsin and the Upper Peninsula of Michigan. Poster presented at the College of Science & Health Science Showcase. DePaul University. Chicago, IL.

2012 [U]Trilla, G.L., F. [U]Samin, and **J.M. LaMontagne**. Avian biodiversity across habitat gradients in South Asia. Poster presented at the 8th annual Chicago Area Undergraduate Research Symposium. Chicago, IL.

2012 [U]Adam, A.E., and **J.M. LaMontagne**. Offspring size vs. number trade-off in *Daphnia pulex*: Insights into population dynamics. Poster presented at the 8th annual Chicago Area Undergraduate Research Symposium. Chicago, IL.

2006 **LaMontagne, J.M.** Local-scale variation in temporal patterns of white spruce cone production. Presented at the Graduate Student Research Days; Biological Sciences, University of Alberta.

2004 **LaMontagne, J.M.** The effect of small-scale spatial variation in white spruce cone production patterns on red squirrel population dynamics. Presented at the 38th Prairie Universities Biological Symposium. University of Alberta, Edmonton, Alberta.

2003 **LaMontagne, J.M.** What to do when there's no food? Population and individual responses to extreme temporal variation in resource availability. Presented at the 37th Prairie Universities Biological Symposium. University of Manitoba, Winnipeg, Manitoba.

2002 **LaMontagne, J.M.** Population ecology and population dynamics of red squirrels. Presented at the 36th Prairie Universities Biological Symposium. University of Calgary, Calgary, Alberta.

2000 **LaMontagne, J.M.** Habitat selection and use of migratory stopping areas by Trumpeter Swans in Southern Alberta. Presented at the 34th Prairie Universities Biological Symposium. University of Regina, Saskatchewan.

OTHER RESEARCH & PROFESSIONAL ACTIVITIES

2019-present	Working Group Member, Community transitions in NEON data
2019-present	Working Group Member, Cleaning NEON data for scientific analysis
2017-present	Project Collaborator, Oak Ridge National Laboratory, SPRUCE (Spruce and Peatland Response Under Changing Environments) Project
2018	Symposium co-organizer, Ecology in An Urbanizing World (with Dr. Andrea Kirkwood, UOIT), Canadian Society for Ecology & Evolution Conference (CSEE)
2017	Scientist and Land Manager Oak Meeting Participant, Morton Arboretum, 08/2017
2016-2017	Member of Red-headed woodpecker conservation team in the Chicago Wilderness area (led by the Nature Conservancy)
2015	Visiting Scientist at Queen's University hosted by Dr. Ryan Danby and Dr. William Nelson, Kingston, ON, Canada. 04/2015
2010	Scientific visitor at the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA, 03/10

Professional Affiliations

- Canadian Society for Ecology & Evolution (lifetime)
- British Ecological Society (2019-)

Professional Development: Specialized Workshops

2019	NEON Science Summit, Boulder, CO 10/2019
2019	Conservation Genetics Workshop (ConGen 2019), Flathead Lake Biological Station, University of Montana, 09/2019
2019	Spatial Mapping in R, Canadian Society for Ecology & Evolution Meeting, University of New Brunswick, Fredericton, NB, 08/2019

2019	TRIO and McNair scholars program; Teaching and Professional Development Seminar, DePaul University, 5/2019
2017	National Science Foundation Grants Conference Attendee, Phoenix, AZ, 11/2017
2013	Workshop Attendee – Using Case Studies to Teach Ecology – Ecological Society of America Conference, Minneapolis, MN, 08/13
2013	Informal Teaching Seminar Attendee – Panel on Teaching Evaluations, Teaching and Professional Development Seminar, DePaul University, 01/13
2012	Case Study Teaching in Science Workshop (40 Hours), The National Center for Case Study Teaching in Science. Buffalo, NY. May 2012
2012	Forest Preserve District of Cook County Science and Research Symposium Attendee, Lincoln Park Zoo, Chicago, IL
2012	National Science Foundation Grants Conference Attendee, Evanston, IL
2011	FITS workshop, D2L Gradebook, DePaul University
2009-2010	Active learning, Student-focused learning in the classroom – multiple workshops Asian University for Women, led by Dr. Michelle Zjhra
2002-2005	University Teaching Program Participant, University Teaching Services, University of Alberta (attended > 40 hours of teaching skills seminars and workshops)

TEACHING

Courses Taught

At DePaul: (300-level are senior undergraduate courses / 400- are graduate level)

Fall 2011-2018	BIO 215: Ecology	32-67 students
Spring 2013-2020	BIO 306/406: Research Methods & Applied Biostatistics (new course designed by LaMontagne; taught 4 times)	7-19 students
Winter 2012-2019	BIO 192: Introductory Biology II: Evolution, Ecology, & Diversity	72-150 students
Spring 2014, 2019	BIO 332/432: Population Ecology (new course designed by LaMontagne)	19-20 students
Winter 2013-2014	BIO 389/489: Research in Field Biology (new course designed by LaMontagne and Dr. Bystriansky)	8-9 students
Winter 2013	BIO 318: Field Studies in Marine & Estuarine Biology	10 students
Spring 2015, 2017	HON 399: Honors Senior Thesis	total of 3 students
2013-2020	BIO 401/496/498: Independent Study / Research credits	taught 31 times
2013-2020	BIO 399: Independent Study	taught 21 times

At University of Calgary:

Winter 2008, 2011	BIOL 315: Quantitative Biology I (co-taught course)	~100 students

At Asian University for Women:

Winter 2010	BIO 102: Environmental Impacts of Dams (new course designed by LaMontagne and two others)	150 students

Fall 2009	BIO 101: Human Health & Disease (new course designed by LaMontagne and two others)	150 students

GRADUATE AND UNDERGRADUATE STUDENTS SUPERVISED

Graduate Student Thesis Committees (MS unless otherwise indicated)

- Member, Mary Jones, 2019-current
- Chair, Abigail Leeper, 2018-current
- Member, Kim Boyle, 2018-current
- Chair, Maria Jazmin Rios, 2017-current
- Chair, Kayce Miller, 2017-2019
- Member, Joe Forberg, 2017-current
- Member, Jordan Johnson, 2015-current
- Chair, Evan Cowles, 2018-2019
- Member, Roberto Cucalon, 2017-2019
- Chair, Jesse Hacker, 2015-2018
- Member, W. Beckett Hills, PhD, University of Wisconsin-Madison, 2015-2018
- Kattie Morris, 2013-2018
- Chair, Ryan Wenkus, 2013-2016
- Chair, Elsa Anderson, 2012-2014
- Member, Kelly Bice, 2012-2015
- Seth Contreras, 2012-2014
- Member, Katie Merva, 2011-current
- Member, Zachary Pekor, 2012- 2013

Graduate Student Comprehensive Examiner (format ended in 2015)

- Examiner for 12 students between 2012-2014

Research & Academic Supervisor to Graduate (MS) Students, DePaul University

Years	*Student*	*Thesis topic*
2018 - current	Abigail Leeper	Mast seeding synchrony, investments in growth, and the likelihood of white spruce surviving an insect defoliator outbreak.
2017 - current	Jazmin Rios	Spatial-temporal patterns and drivers of brown rat population dynamics in Chicago.
2017 - 2019	Kayce Miller	Effects of urbanization on neophobia and problem solving behavior in songbirds.
2015 - 2018	Jesse Hacker	The effects of urbanization on neophobic behavior and problem-solving performance in animals. - NSF Graduate Student Fellowship Program Honorable Mention (03/2016)
2013 - 2018	Kattie Morris	Effects of competition for roost and nest cavities on Red-headed Woodpecker nest-site fidelity and nesting success.
2013 - 2016	Ryan Wenkus	Offspring size-number tradeoffs and food quality feedbacks impact population dynamics in a *Daphnia*-algae system.
2012 - 2014	Elsa Anderson	Nest-site selection, use, and reuse by Red-headed Woodpeckers (*Melanerpes erythrocephalus*) in Cook County, Illinois, USA.

Undergraduate Honor's Thesis Director, DePaul University

Year	*Student*	*Thesis topic*
Spring 2017	Michael Wade	Spatial patterns of white spruce growth in eastern North America.
Winter 2017	Abigail Leeper	Reproductive trade-offs and mast seeding conditions in *Picea glauca*.

Undergraduate Research Supervision (at DePaul University unless otherwise indicated)
Note. URAP refers to the '*Undergraduate Research Assistantship Program*' and USRP refers to the '*Undergraduate Summer Research Program'* where students are paid to work with a faculty mentor.

Year(s)	*Student*	*Research Project(s)*	*Program / Position / Coursework*
Summer 2019 – current	Cristian Corona	Differential mortality of white spruce and balsam fir following a spruce budworm outbreak.	NSF-Research Experience for Undergraduates, Independent Study
Winter 2019 – Fall 2019	Bairbre Connolly	Raccoon group sizes across seasons and an urbanization gradient.	URAP, Independent Study
Fall 2017 – Summer 2019	Jillian Sterman	Community-level synchrony in seed production by southern boreal forest tree species.	URAP, Independent Study, Research Assistant
Summer 2017 – Summer 2019	Jessica Barton	Extrinsic and intrinsic drivers of *Daphnia pulex* population dynamics; Population dynamics of tree-cavity nesting birds in urban and rural areas with a focus on relationships with European starlings.	URAP, Junior Year Experiential Learning, Independent Study
Summer 2018 – Fall 2018	Jessica Harris	Avian cognition across an urbanization gradient.	URAP, Independent Study
Spring 2018 – Fall 2018	Samantha Evans	Characteristics of mass reproduction event across species.	Research Assistant, Independent Study
Summer 2018	Hannah Kemp	Mast seeding patterns of white spruce.	Research Assistant
Spring 2018	Tim Walsh	Tree seed reproductive patterns.	Research Assistant
Spring 2018	Gabriella Gasparani	Tree seed reproductive patterns.	Research Assistant

Spring 2017 – Winter 2018	Tim Walsh	Soil nutrient levels and reproductive patterns.	USRP
Fall 2015 – Spring 2017	Michael Wade	Tree growth patterns of two white spruce populations.	URAP, Independent Study
Fall 2014 – Winter 2017	Abigail Leeper	Variation in acorn availability in red-headed woodpecker home ranges; Factors impacting mast seeding dynamics of white spruce; Tree cavity availability in cemeteries & city parks.	URAP, Independent Study
Fall 2014 – Summer 2015	Heather Anderson	Life-history patterns and impacts on *Daphnia pulex* population dynamics.	URAP
Summer 2012 – Spring 2015	Allison Grecco	Mast seeding patterns in white spruce; Tree cavity availability in cemeteries & city parks; Predation by moon snails on clams.	USRP, Independent Study
Fall 2013 – Spring 2014	Dimitar Zlatev	Species diversity of clam communities and predation-levels by moon snails.	Independent Study
Summer 2013 – Spring 2015	Michael Lordon	Insect diversity across urban habitat types; Species diversity of clam communities and predation-levels by moon snails; Tree cavity availability in cemeteries & city parks.	URAP, USRP
Spring 2013 – Fall 2013	Derek Moore	Avian diversity across a gradient of urbanization.	Junior Year Experiential Learning, Independent Study
Spring 2012 – Spring 2013	Heather Rider	*Daphnia pulex* population dynamics.	URAP, Junior Year Experiential Learning
Spring 2012 – Fall 2012	Maria Chavez	*Daphnia pulex* population dynamics.	Research Assistant
Winter 2012 – Spring 2012	Gina Trilla	Avian diversity across a gradient of urbanization.	Junior Year Experiential Learning, Independent Study

Winter 2012 – Spring 2012	Alexander Adam	*Daphnia pulex* population dynamics.	URAP
Spring 2010 – Summer 2010	Farah Samin + 17 students	Avian diversity across habitat types in south Asia.	Summer Research Program; Asian University for Women
Autumn 2008 – Spring 2009	John Fearns	Food quality and maternal effects in *Daphnia pulex*.	Undergraduate Thesis Project; University of Calgary

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SERVICE

PROFESSIONAL SERVICE

Ad-hoc Manuscript Reviewer for Scholarly Journals and Publications

2020	New Phytologist
2019	Ecosphere
2019	Global Change Biology (x2)
2019	Canadian Journal of Forest Research (x2)
2019	Proceedings of the Royal Society B
2019	New Phytologist
2019	American Journal of Botany
2019	Urban Ecosystems
2018	Wilson Journal of Ornithology
2018	Journal of Forest Research
2017	National Center for Case Study Teaching in Science
2017	Ecological Monographs
2017	Canadian Journal of Forest Research
2016	Scandinavian Journal of Forest Research
2016	Oikos
2016	Forest Ecology & Management
2016	iForest
2015	Population Ecology
2015	Physiological and Biochemical Zoology
2015	National Center for Case Study Teaching in Science
2015	Journal of Mammalogy
Pre-2015	Aquatic Botany, Ecological Research, Ecology, Journal of Animal Ecology, Journal of Ecology, Oecologia, PLOS One, Population Ecology, Southwestern Naturalist, Wetlands

Grant Reviewer

2020	Panel Member, National Science Foundation
2020	Ad-hoc reviewer, Natural Sciences & Engineering Council of Canada
2019	Ad-hoc reviewer, National Science Centre, Poland

2019 Ad-hoc reviewer, National Science Foundation
2018 Ad-hoc reviewer, National Science Foundation
2018 Panel Member, National Science Foundation
2008 Ad-hoc reviewer, National Science Foundation

Other Professional Service

2019 Faculty Mentor, Graduate student / Post-doc mixer, Canadian Society for Ecology & Evolution (CSEE) Annual Meeting
2018 Faculty Mentor, Eco-Evo-Eats, Canadian Society for Ecology & Evolution (CSEE) Annual Meeting
2011-2017* Judge, Student Presentation Awards, Canadian Society for Ecology & Evolution Conference (CSEE), (*2011, 2012, 2014, 2016, 2017)
2016 Consulted for expertise in data analysis by DePaul College of Nursing faculty members, 03/16
2015 Judge, Student Presentation Awards, Zoology section, Illinois State Academy of Science 107th Annual meeting.
2014 IT Captain, Science in the Northwoods Conference. Boulder Junction, WI
2008-2013* Judge, Graduate Presentation Awards, Ecological Society of America (ESA) Conference, (*2008, 2013)
2012, 2013 Judge, Student Presentation Awards, Chicago Area Undergraduate Research Symposium (CAURS)
2003, 2005 Provided statistical analysis assistance for biochemistry research:
- Tracz, D.M. et al. 2005. pVir and Bloody Diarrhea in *Campylobacter jejuni* Enteritis. Emerging Infectious Diseases [serial on the Internet].
- Lawley, T.D. & D.E. Taylor. 2003. Characterization of the double-partitioning modules of R27: Correlating plasmid stability with plasmid localization. Journal of Bacteriology 185: 3060-3067.

2004 Lead Conference Organiser, The 38th Prairie Universities Biological Symposium
2004 Consulted for information on localized spruce beetle outbreak in southwestern Yukon for the 2004 Yukon Forest Health Report, by Rod Garbutt, Pacific Forestry Centre, Victoria, British Columbia, Canada
1998 Volunteer, North American Lake Management Society (NALMS) Conference

UNIVERSITY SERVICE

2016-present DePaul Ecology, Evolution, and Physiology (DEEP) Student Club Advisor, DePaul University, Office of Student Involvement
2019 Created revision recommendations for the University Vehicle Policy at the request of the Faculty Council President, DePaul University
2018 Drafted Field Research Safety Checklist and Guidelines for AVP Research, DePaul University
2012-2018 Scientific Inquiry Domain Committee Member, DePaul University
2015 Climate Change Science and Policy Minor - Curriculum Design Session Participant, DePaul University
2013-2014 Secondary Education-Biology (M.Ed) Liaison, DePaul University

2010	Student Summer Research Program Committee Member & Project Lead, Asian University for Women
2010	Faculty Advisor of students, Asian University for Women
2009-2010	Curriculum Development Committee Member, Asian University for Women
2009-2010	Assessment / Grading Committee Member, Asian University for Women
2009-2010	Faculty Hiring Committee Member, Asian University for Women
2009-2010	Founder, Moderator & Chair of TALE, a weekly seminar series, Asian University for Women
2009-2010	Student Issues Committee Member, Asian University for Women
2009-2010	International Academic Panel visit Co-chair, Asian University for Women
2009	Course Timetabling - constructed the Undergraduate Academic Schedule, Asian University for Women
2009	Academic Showcase Co-chair, Asian University for Women
2009	Drafted University Policy for Academic Misconduct: Plagiarism, Asian University for Women
2003-2005	Grant Selection Committee Member, Graduate Students' Association, University of Alberta
2001-2005	Graduate Students' Association Council Member, University of Alberta

COLLEGE SERVICE

2019 -present	STEM Center Advisory Board Member, College of Science & Health, Sept 2019 -
2019 -present	Strategic Planning Research Committee Member, College of Science & Health. Jan 2019 -
2019	CSH Strategic Planning Participant, College of Science & Health, June 2019
2018	Representative for Biological Sciences at Admitted Freshman Preview Day, College of Science & Health. April 2018
2016	Pre-screened applicants for the CSH Dean's Undergraduate Fellowship for the LP Zoo's Urban Wildlife Institute, College of Science and Health DePaul University.
2014-2016	Reviewer for 'DePaul Discoveries', The College of Science and Health Undergraduate Research Journal.
2012	Invited Speaker at New Faculty Seminar 'Tales from the front lines', College of Science and Health, DePaul University (November 2012)

DEPARTMENTAL SERVICE

2016-present	Departmental Vehicles, Department of Biological Sciences, DePaul University
2012-present	Graduate Program Committee Member, Department of Biological Sciences, DePaul University
2011-present	Undergraduate Academic Advising, DePaul University
2016-2018	Concentration Committee Chair, Department of Biological Sciences, DePaul University
2016-2018	Departmental Marketing Committee Member, Department of Biological Sciences, DePaul University
2016	Retreat Planning Committee, Department of Biological Sciences, DePaul University

2012-2016	Equipment Committee Member, Department of Biological Sciences, DePaul University
2012-2014	Proposal writing for Departmental vehicles (written to SRAC)
2013	Major / Minor Fair - Departmental Representative, Department of Biological Sciences, DePaul University
2012	Biological Statistics Working group, Department of Biological Sciences, DePaul University
2012	Field Biology Working group, Department of Biological Sciences, DePaul University
2012	Inaugural Darwin Day co-organizer, Department of Biological Sciences, DePaul University
2012	Created student employee timesheets implemented for Departmental use, Department of Biological Sciences, DePaul University
2011-2012	Departmental faculty meeting archivist (minute taker), Department of Biological Sciences, DePaul University
2009-2010	Science Club, Faculty Advisor, Integrated Sciences, Asian University for Women
2003-2005	Biological Graduate Students' Association Executive Member, Department of Biological Sciences, University of Alberta
2005	Graduate Student Research Days Organising Committee Member, Department of Biological Sciences, University of Alberta
2004	Candidacy Exam Workshop Organiser, Department of Biological Sciences, University of Alberta
2004	New Graduate Student Orientation Session Leader, Department of Biological Sciences, University of Alberta
2003-2004	New Graduate Student Mentor, Department of Biological Sciences, University of Alberta
2003	Graduate Student Retreat Organising Committee Member & Session Leader, Department of Biological Sciences, University of Alberta
1998, 1999	Ecology Division Open House Tour guide, University of Calgary

SCIENCE COMMUNICATION & COMMUNITY SERVICE

2020	Interviewed by a reporter for *Science* about the impacts of COVID-19 on long-term research, April 2020.
2019	Interviewed for *The Shape of the World*, by host Jill Riddell: A Podcast About Cities, Nature & People https://shapeoftheworldshow.com/ (Studio interview in Feb 2019, released June 2019)
2018	Interviewed for a researcher profile in *Kemp's Point*, the newsletter for the Kemp Natural Resources Field Station Newsletter, Volume 19, Number 2, Fall 2018
2018	Science Walk Leader for Science Communication with the public, Huron Mountain Wildlife Foundation, Huron Mountains, MI, July 2018
2018	Interviewed for cover article "Exercise in Cleverness: Seed Production in White Spruce" by Jill Riddell, *Huron Mountain Wildlife Foundation Newsletter*, Winter 2017/2018

2018	Interviewed for / Consulted on for MinuteEarth science communication video on mast seeding "When trees go nuts" (https://www.youtube.com/watch?v=EQ748TZcuqs)
2017	Interviewed for *DePaulia* article, "Chicago Marches For Science, Climate Change", by Cody Corrall. 23 April, 2017
2017	Career Week presentations, John Middleton Elementary School, Skokie, IL
2015	NBC News article and television clip on white spruce research. Rhinelander, WI, September 2015
2011, 2013	Science Fair Judge, Lincoln Park High School, Chicago, IL
2007	Interviewed for 'Nature News, News in Brief' article "Bumper cone crop", by Emma Marris. 21 Dec. 2007
2005	Expert's Day Participant, Nellie McClung Girls' Junior High, Edmonton
2005	Edmonton Regional Science Fair Judge, Edmonton
2003	Interviewed for newspaper article: Swan Lake in the Rockies, by Carol Picard. Rocky Mountain Outlook, Canmore, Alberta. 10 Apr. 2003
2003	Science Fair Judge, Katherine Therrien Elementary School, Edmonton