Professor of Environmental Science

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1. EMPLOYMENT HISTORY

1994+	University of Alberta - Augustana Campus, Camrose, Alberta (1994-2004 as part of Augustana University College) Full Professor in 2007; Associate Professor in 2000; Tenure in 1999 Manager, Augustana Miquelon Lake Research Station (2015-19) Acting Chair, Department of Science (Jan-June/05, Jan-June/12, July/15) Acting Chair, Interdisciplinary Studies and International Programs (Jan-July/99) Adjunct Professor, Faculty of Kinesiology, Sport, and Recreation (2019-)
2011	Visiting Adjunct Research Fellow, School of Earth and Environmental Sciences, James Cook University, Townsville, Queensland, Australia (Sept-Dec)
2007-08	Visiting Researcher, Centre d'Écologie Fonctionnelle et Evolutive, Centre Nationale de la Recherche Scientifique, Montpellier, France (Sept-June)
1990-91	Park Warden, Elk Island National Park, Parks Canada, Fort Saskatchewan, AB
1989	Consultant, Watchable Wildlife Program, AB Fish and Wildlife, Edmonton
1989	Seasonal Park Interpreter, Dinosaur Provincial Park, Patricia, Alberta
1988	Summer Resource Assistant, El Malpais National Conservation Area, Grants, NM
1985-87	Seasonal Park Ranger, Bow Valley and Peter Lougheed Provincial Parks, AB

2. EDUCATION

- Ph.D. Geography, 1996, Department of Geography, University of Victoria, British Columbia
  Dissertation: *Tourists, Ecotourists, and Birders at Doi Inthanon National Park, Thailand.*
- M.Sc. Wildland Recreation, 1989, Dept of Forest Science, University of Alberta, Edmonton
  Thesis: *The Economic Values of Bird Watching at Point Pelee National Park, Ontario*.
- B.Sc. Forestry (distinction), 1987, Dept. of Forest Science, University of Alberta, Edmonton
- Undergraduate Studies, 1982-83, Mount Royal College, Calgary, Alberta

3. AWARDS AND HONOURS

2026	Alberta Chapter of The Wildlife Society Publication Award for a popular publication (for 2025 *Frank Farley and the Birds of Alberta*)
2025	Murray Lauber Distinguished Service Award, Augustana Faculty
2025	Alberta Chapter of The Wildlife Society Outreach Award for effective

	communication
2025	Tourism in Marine Environments, one of top 25 papers in 20 years of publishing (Tiitmamer Kur and Hvenegaard, 2018; reprinted in 2025)
2023	Rotary Club of Camrose – Paul Harris Fellowship Award for service work at the university, in the community and with the local Rotary Club
2022	National Association for Interpretation Media Award (Video Category): 2nd place for Outcomes of Park Interpretation – Support for Interpreters; and 3rd place for Outcomes of Park Interpretation – Benefits for Visitors
2021	Council for Advancement & Support of Education, District VII Awards: Silver Award in the Alumni Relations category (as part of Alumni team)
2020	OTIS Award (Stewardship), Individual, Battle River Watershed Alliance
2020	Killam Annual Professorship (scholarship and teaching), University of Alberta
2016	Augustana Faculty Research Award, University of Alberta
2016	Campus Sustainability Leadership Award, University of Alberta
2015	Betty Ostenrud Award (service), Augustana Faculty, University of Alberta
2015	Emerald Award for Environmental Achievement in Alberta; Camrose Wildlife Stewardship Society (Community and Non-profit category)
2012	Augustana Faculty Teaching Leadership Award, University of Alberta
2008-09	McCalla Professorship, University of Alberta (research, teaching, and learning)
2003	Eminent Scientist of the Year, International Research Promotion Council
2001+	LEAD Fellow (Leadership for Environment and Development)
1997	Action 21 Environmental Achievement Award, Environment Canada
1997	Elaine Burke Award (achievement in environmental citizenship for AUENV 120)
1993-94	Young Canadian Researchers Award, International Development Research Centre
1993	Graduate Student Travel Grant, Canada-ASEAN Centre / Asia Pacific Foundation
1991-93	NSERC Postgraduate Scholarship
1991-94	University of Victoria President's Research Scholarship
1987-89	NSERC Postgraduate Scholarship
1987-89	University of Alberta Graduate Faculty Fellowship
1987-88	Commonwealth Forestry Bureau Prize
1987	Canadian Forestry Service Postgraduate Scholarship
1986+	Xi Sigma Pi (Forestry Honour Society)

4. RESEARCH

4.1. Current Areas of Research Interest

- Park interpretation and environmental education
- Educational, economic, and conservation impacts of nature-based tourism
- Parks, protected, and conserved areas
- Ecology and conservation of birds

5. PUBLICATIONS (R = peer-reviewed, *italics = students*)

	Peer-reviewed	Not Peer-reviewed
Scientific articles	75	-
Books/monographs	5 (2 with translations)	3
Book chapters	16	11
Conference papers, major reports	3	11
Popular articles and reports	-	114
Total (238)	**99**	**139**

5.1. Journal Articles

75. R - Beattie, L., G. King, and G. Hvenegaard. In Press. Fruit loving planters and risk-sensitive removers shape the private urban forest in a small Canadian city. *Arboriculture and Urban Forestry*. Accepted Aug 19, 2026.
74. R - Dufault, L., and G. Hvenegaard. In Press. Long-term bird trends in Camrose, Alberta, based on the Christmas Bird Count. *Blue Jay*.
73. R - Ávila Esparza, K.A., B. Lima, G. Hvenegaard, and E. Barbieri. 2026. Population dynamics of resident and migratory shorebirds on the southern coast of São Paulo, Brazil. *Papéis Avulsos de Zoologia* 66: e202666033, pp. 1-12. https://doi.org/10.11606/1807-0205/2026.66.033
72. R - *Ostrem, J.A.* and G. Hvenegaard. 2025. Creating, sustaining, and improving collaboration across Canadian biospheres. *Society & Natural Resources* 39(6): 890-915. https://doi.org/10.1080/08941920.2025.2589241
71. R - Beattie, L.H., G. King, and G. Hvenegaard. 2025. From private yards to public benefits: How human dimensions shape the urban forest in a small city. *Urban Forest & Urban Greening* 112, 128948. https://doi.org/10.1016/j.ufug.2025.128948
70. R - Hvenegaard, G., and D. Ruzicka. 2025. Synergies between bird surveys and stewardship at Sunrise Farm in central Alberta. *Blue Jay* 83(4): 18-24. https://bluejayjournal.ca/index.php/bluejay
69. R - Banack, C.S., and G.T. Hvenegaard. 2025. Dark sky tourism and rural development: Lessons from the Jasper Dark Sky Festival, Canada. *Journal of Rural and Community Development* 29(1): 1-20. https://journals.brandonu.ca/jrcd/article/view/2541/674
68. R- Van Brempt, M., G.L. Holroyd, and G.T. Hvenegaard. 2025. Phenological changes in sex and age differential migration of the Least Flycatcher *Empidonax minimus*. *Wilson Journal of Ornithology*. https://doi.org/10.1080/15594491.2024.2444030
67. R - *Ostrem, J.*, and G.T. Hvenegaard. 2025. Interagency collaboration for environmental education: Insights from the Beaver Hills Biosphere, Canada. *Journal of Environmental Planning and Management* 68(1): 227-244. https://doi.org/10.1080/09640568.2023.2240954
66. R - Rushton, B., C. Lemieux, D. Scott, E. Halpenny, J. Tompkins, B. Jones, F. Plangger, D. Rubeling, P. Maher, D. Carruthers Den Hoed, S. Jakubec, K. Rettie, D. Mulrooney, P. Eagles, J. Bueddfield, A.L. Jacob, G. Hvenegaard, B. Joubert, E. Thomlinson, J. Pavelka, R. Rollins, S. Prince Wusing soare, and. B. Steinberg. 2024. Future-proofing sustainable

nature-based tourism in Canada's parks, protected, and conserved areas: A horizon scan of emerging challenges. *Current Issues in Tourism*. https://doi.org/10.1080/13683500.2024.2431526

65. R - Hvenegaard, G., and C. Banack. 2025. Visitor outcomes from dark sky tourism: A case study of the Jasper Dark Sky Festival. *Journal of Ecotourism* 24(1): 75-84. https://doi.org/10.1080/14724049.2024.2320698
64. R - Hvenegaard, G.T., E.A. Halpenny, *C.J. Blye*, and *K. Corrigan.* 2024. Effects of COVID-19 on visitor intentions to attend personal interpretation programs in the provincial parks of Alberta, Canada. *Journal of Interpretation Research* 29(1): 10-25. https://doi.org/10.1177/10925872231217489.
63. R - Van Brempt, M., G.L. Holroyd, G.T. Hvenegaard, and J. Van Arragon. 2023. Nesting biology and breeding density of Least Flycatchers *Empidonax minimus* in the Beaverhill Natural Area. *Wilson Journal of Ornithology* 135(4): 553-560. https://doi.org/10.1676/22-00110.
62. R - Hvenegaard, G.T., A.C.S. McIntosh, G.A. Hood, *K.D. Bourgeois,* and *C.A Cook.* 2023. One landscape, many habitats for supporting bird diversity in a mixed-use landscape in east-central Alberta, Canada. *Wilson Journal of Ornithology* 135(4): 480-491. https://doi.org/10.1676/22-00079.
61. R - Orr, B., G.T. Hvenegaard, and *C.A. Cook*. 2023. Minimizing nature aversion among elementary students during environmental education programs. *Children, Youth and Environments* 33(2): 188-196. https://muse.jhu.edu/article/903104
60. R - Hvenegaard, G.T., E.A. Halpenny, and *C.J. Blye.* 2023. Alignment of goals for personal interpretation among staff groups in a park agency. *Journal of Interpretation Research* 28(2): 144-165. https://doi.org/10.1177/10925872231158092.
59. R - Hvenegaard, G., *K. Olson*, & E. Halpenny. 2023. Direction for interpretive programming from Alberta Provincial Park management plans. *Park Stewardship Forum,* 39(1): 91-100. https://doi.org/10.5070/P539159893
58. R - *Blye, C.J.,* G.T. Hvenegaard, and E.A. Halpenny. 2023. Are we creatures of logic or emotions? Investigating the role of attitudes, worldviews, emotions, and knowledge gain from environmental interpretation on behavioral intentions of park visitors. *Journal of Outdoor Recreation, Education, and Leadership* 15(1): 9-28. https://doi.org/10.18666/JOREL-2022-11654
57. R - Lemieux, C.J., E.A. Halpenny, *M. He*, T. Swerdfager, R. Rollins, A.J. Gould, D. Carruthers Den Hoed, J. Bueddefeld, G.T. Hvenegaard, and B. Joubert. 2022. On evidence-based decision-making by Canada's protected areas managers: A reply to Irvine et al. *FACETS* 7: 10–17. https://doi.org/10.1139/facets-2021-0149.
56. R - *Kelly, B.D.* and G.T. Hvenegaard. 2022. Impacts of purple martin landlord stewardship activities on nest box occupancy. *Wildlife Society Bulletin* 49(1): e1247. https://doi.org/10.1002/wsb.1247
55. R - *Cook, C.A*, G.T. Hvenegaard, G.L. Holroyd, H. Pletz, and M. Pearman. 2021. Age and sex influence natal and breeding dispersal of purple martins. *Western Birds* 52: 296-310. https://westernfieldornithologists.org/publications/journal/journal-volume-52-4/v52-4-cook-purple_martins/

54. R - Hood, G.A., A.C.S. McIntosh, and G.T. Hvenegaard. 2021. Ecological compromise: Can alternative beaver management maintain aquatic macroinvertebrate biodiversity? *Wetlands* 41:112. 12 pp. https://doi.org/10.1007/s13157-021-01494-7.
53. R - Abraham, B.G., G.T. Hvenegaard, V. Manaloor, and *H. Narumiya*. 2021. Factors affecting the sustainability of ecotourism among tourism service providers in São Paulo, Brazil. *South Asian Journal of Socio-Political Studies* 21(2): 111-118.
52. R - *Blye, C.J.*, G.T. Hvenegaard, and E.A. Halpenny. 2021. Personal interpretation starts with the interpreter: How do outcome priorities change over time among interpretive staff? *Journal of Recreation and Park Administration* 40(2): 20-41. https://doi.org/10.18666/JPRA-2021-10605
51. R - Spenceley, A., A. Baez, J. Barborak, *C.-J. Blye*, K. Bricker, H. Cahyadi, *K. Corrigan*, E. Halpenny, G. Hvenegaard, D. King, Y.-F. Leung, A. Mandic, S. McCool, R. Naidoo, D. Newsome, D. Rüede, J. Sano, M. Sarhan, V. Santamaria, T. Beraldo Sousa, and A.-K. Zschiegner. 2021. Tourism in protected areas amid the COVID-19 pandemic. *Parks* 27(special issue): 103-118. https://parksjournal.com/wp-content/uploads/2021/03/Spenceley_et_al10.2305-IUCN.CH_.2021.PARKS-27-SIAS.en_.pdf
50. R - Lemieux, C. E. Halpenny, T. Swerdfager, *M. He*, A.J. Gould, D. Carruthers Den Hoed, J. Bueddefeld, G. Hvenegaard, B. Joubert, and R. Rollins. 2021. Free Fallin'? The decline of evidence-based conservation in Canada. *FACETS* 6: 640-664. https://doi.org/10.1139/facets-2020-0085.
49. R - *Anderson B.C.*, and G.T. Hvenegaard. 2021. Purple martin nest house selection in central Alberta, Canada. *Wildlife Society Bulletin* 45(1): 55-61. https://doi.org/10.1002/wsb.1161
48. R - Hallstrom, L.K. and G.T. Hvenegaard. 2021. Fostering evidence-informed decision-making for protected areas through the Alberta Parks Social Science Working Group. *Land*. 2021, 10, 224. https://doi.org/10.3390/land10020224 .
47. R - *Cook, K.*, G.T. Hvenegaard, and E.A. Halpenny. 2021. Visitor perceptions of the outcomes of personal interpretation in Alberta's provincial parks. *Applied Environmental Education & Communication* 29(1): 49-65. https://doi.org/10.1080/1533015X.2019.1693309
46. R - *Blye, C.J.*, E. Halpenny, G. Hvenegaard, and D. Patriquin. 2020. Knowledge mobilization in the Beaver Hills Biosphere, Alberta, Canada. *Land* 9(11), 424; https://doi.org/10.3390/land9110424.
45. R - *Ostrem, J.A.*, and G. Hvenegaard. 2020. Reaching common ground: The potential for interagency collaboration in UNESCO biosphere reserves. *International Journal of UNESCO Biosphere Reserves* 4(1): 23-47. https://doi.org/10.7939/r3-e021-6134
44. R - Hallström, L.K., G. Hvenegaard, *& Dipa, N.J.* 2019. Citizen engagement in sustainability planning: Patterns and barriers from Hinton and Wood Buffalo, Alberta. *Journal of Rural and Community Development* 14(2): 42-65. https://journals.brandonu.ca/jrcd/article/view/1595
43. R - Hvenegaard, G.T. and *R. Perkins*. 2019. Motivations, commitment, and turnover of bluebird trail managers. *Human Dimensions of Wildlife* 24(3): 250-266. https://doi.org/10.1080/10871209.2019.1598521

42. R - Hallstrom, L.K., G. Hvenegaard, J. Gould, and B. Joubert. 2019. Prioritizing research questions for protected area agencies: A case study of provincial parks in Alberta, Canada. *Journal of Park and Recreation Administration* 37(3): 110-122. https://doi.org/10.18666/JPRA-2019-9434
41. R - Hvenegaard, G.T., L.K. Hallstrom, and *K.L.P. Brand*. 2019. Implementation dynamics for sustainability planning in rural Canada. *Journal of Rural and Community Development* 14(1): 54-76. https://journals.brandonu.ca/jrcd/article/view/1608
40. R - Moore, S.E., G.T. Hvenegaard, and J. Wesselius. 2018. Efficacy of directed studies courses: A comparison of instructor and student perspectives on course dynamics. *Higher Education* 76: 771-788. https://doi.org/10.1007/s10734-018-0240-7
39. R - Asfeldt, M., G. Hvenegaard, and R. Purc-Stephenson. 2018. Group writing, reflection, and discovery: A model for enhancing learning on wilderness educational expeditions. *Journal of Experiential Education* 41(3): 241-260. https://doi.org/10.1177/1053825917736330
38. R - Lemieux, C.J., M. Groulx, E. Halpenny, H. Stager, J. Dawson, E.J. Stewart, and G.T. Hvenegaard. 2018. "The End of the Ice Age?": Visitor motivations to experience disappearing world heritage and the climate change communication imperative. *Environmental Communication* 12(5): 653-671. https://doi.org/10.7939/r3-p81w-aq07
37. R - Hvenegaard, G.T. 2017. Visitors' perceived impacts of interpretation on knowledge, attitudes, and behavioral intentions at Miquelon Lake Provincial Park, Alberta, Canada. *Tourism and Hospitality Research* 17(1): 79-90. https://doi.org/10.1177/1053825917736330
36. R - Hallstrom, L., G.T. Hvenegaard, *J.L. Stonechild*, and *N.J. Dipa*. 2017. Rural sustainability plans in Canada: An analysis of structure, content and influence. *Journal of Rural Studies* 56: 132-142. https://doi.org/10.1016/j.jrurstud.2017.09.008
35. R - Asfeldt, M., R. Purc-Stephenson, & G. Hvenegaard. 2017. Students' perceptions of group journal writing as a tool for enhancing sense of community on wilderness educational expeditions. *Journal of Outdoor Recreation, Education, and Leadership* 9(3): 323-339. https://doi.org/10.18666/JOREL-2017-V9-I3-8362
34. R - Van Loon, A., J.D. Ray, A. Savage, J.H. Mejeur, L. Moscar, M. Pearson, M. Pearman, G.T. Hvenegaard, N. Mickle. K. Applegate, and K.C. Fraser. 2017. Migratory stopover timing is predicted by breeding latitude, not habitat quality, in a long-distance migratory songbird. *Journal of Ornithology* 158(3): 745-752. https://doi.org/10.1007/s10336-017-1435-x
33. R - Hvenegaard, G.T., *H. Marshall*, and R.H. Lemelin. 2016. Hot interpretation of controversial topics at Batoche National Historic Site, Saskatchewan, Canada. *Journal of Interpretation Research* 21(2): 47-64. https://doi.org/10.1177/109258721602100204
32. R - Lemieux, C.J., S.T. Doherty, P.F.J. Eagles, M.W. Groulx, G.T. Hvenegaard, J. Gould, E. Nisbet, and F. Romagosa. 2016. Policy and management recommendations informed by the human health benefits of visitor experiences in Alberta's protected areas. *Journal of Park and Recreation Administration* 34(1): 24-52. https://doi.org/10.18666/JPRA-2016-V34-I1-6800
31. R - Hvenegaard, G.T. 2016. Insect festivals in North America: Patterns and purposes. *American Entomologist* 62(4): 235-240. https://doi.org/10.1093/ae/tmw078

30. R - Stutchbury, B.J.M., R. Siddiqui, K. Applegate, G.T. Hvenegaard, P. Mammenga, N. Mickle, M. Pearman, J.D. Ray, A. Savage, T. Shaheen, and K.C. Fraser. 2016. Ecological causes and consequences of intratropical migration in temperate-breeding migratory birds. *American Naturalist* 188 (S1, September): S28-S40. http://dx.doi.org/10.5061/dryad.785sc.
29. R - *Lam, L*, E.A. McKinnon, J.D. Ray, M. Pearman, G.T. Hvenegaard, J. Mejeur, L. Moscar, M. Pearson, K. Applegate, P. Mammenga, J. Tautin, & K.C. Fraser. 2015. The influence of morphological variation on migration performance in a trans-hemispheric migratory songbird. *Animal Migration* 2: 86-95. https://doi.org/10.1515/ami-2015-0005
28. R - Hvenegaard, G.T. & *A.N. Kaiser*. 2015. Ecotourism, conservation, and sustainability: a case study of the Camrose Purple Martin Festival. *Innovative Leisure Practices: Cases as Conduits Between Theory and Practice* 1: 1-10. https://www.viurrspace.ca/items/0cd1e5d6-c0ad-4cc7-abc9-b3633686297c
27. R - Wiersma Y.F., P. Duinker, W. Haider, G. Hvenegaard, & F. Schmiegelow. 2015. Relationships between protected areas and sustainable forest management: Where are we heading? *Conservation and Society* 13(1): 1-12. https://www.jstor.org/stable/26393180
26. R - Hvenegaard, G.T., S. Carr, K. Clark, P. Dunn, & T. Olexson. 2015. Promoting sustainable forest management and protected areas in the Prince Albert Model Forest, Canada. *Conservation and Society* 13(1): 51-61. https://www.jstor.org/stable/26393184
25. R - Asfeldt, M., and G. Hvenegaard. 2014. Perceived learning, critical elements, and lasting impacts on university-based wilderness educational expeditions. *Journal of Adventure Education and Outdoor Learning* 14(2): 132-152. https://doi.org/10.1080/14729679.2013.789350
24. R - Hvenegaard, G. & *L. Fraser*. 2014. Motivations & benefits for citizen scientists engaged in Purple Martin migration research. *Human Dimensions of Wildlife* 19: 561-563. https://doi.org/10.1080/10871209.2014.940562
23. R - Hvenegaard, G.T. 2013. Wildlife festivals in Australia: Characteristics, purposes, and conservation potential. *Australasian Parks and Leisure* 16(1): 37-43. https://search.informit.org/doi/10.3316/informit.291068200039218
22. R - Hvenegaard, G., A.-M. Link, S. Moore, and J. Wesselius. 2013. Exploring the dynamics of directed studies courses: Student, instructor, and administrator perspectives. *The Canadian Journal for the Scholarship of Teaching and Learning* 4(2): Article 5. Available at: http://ir.lib.uwo.ca/cjsotl_rcacea/vol4/iss2/5
21. R - *Olson, K.* and G. Hvenegaard. 2013. Comparing South African and Canadian practices for managing large herbivores in fenced protected areas. *Blue Jay* 71(2): 81-93. https://doi.org/10.29173/bluejay287
20. R - *Tiitmamer Kur, N.* & G. Hvenegaard. 2012. Promotion of ecotourism principles by whale watching companies' marketing efforts. *Tourism in Marine Environments* 8(3): 145-151. https://doi.org/10.3727/154427312X13491835451458. Reprinted in *Tourism in Marine Environments* 20(1): 111-117.
19. R - Hvenegaard, G.T. 2011. Potential conservation benefits of wildlife festivals. *Event Management* 15(4): 373-386. https://doi.org/10.3727/152599511X13175676722645
18. R - Hvenegaard, G.T. 2011. Validating bird diversity indicators on farmland in east-central Alberta, Canada. *Ecological Indicators* 11(2): 741-744.

https://doi.org/10.1016/j.ecolind.2010.06.018
17. R - Hvenegaard, G.T. and *N. Tiitmamer Kur*. 2010. Enhancing conservation benefits from wildlife festivals and ecotourism activities. *Blue Jay* 68(4): 208-217. https://doi.org/10.29173/bluejay322
16. R - Hvenegaard, G.T. and E. Barbieri. 2010. Shorebirds of Sergipe State, northeast Brazil: Potential tourism impacts. *Revista Brasileira de Ornithologia* 18(3): 169-175.
15. R - *Macklin, E.K.*, G. Hvenegaard, and P.E. Johnson. 2010. Improvisational theater games for children in park interpretation. *Journal of Interpretation Research* 15(1): 7-13. https://doi.org/10.1177/109258721001500102
14. R - Sirami, C., A. Nespoulous, J.-P. Cheylan, P. Marty, G.T. Hvenegaard, and J.-L. Martin. 2010. Long-term anthropogenic and ecological dynamics of a Mediterranean landscape: Impacts on multiple taxa. *Landscape and Urban Planning* 96: 214-223. https://doi.org/10.1016/j.landurbplan.2010.03.007
13. R - Caula, S., G.T. Hvenegaard, & P. Marty. 2009. The influence of bird information, attitudes, and demographics on public preferences toward urban green spaces: The case of Montpellier, France. *Urban Forestry & Urban Greening* 8: 117-128. https://doi.org/10.1016/j.ufug.2008.12.004
12. R - *Loates, B.M.* and G.T. Hvenegaard. 2008. The density of Beaver (*Castor canadensis)* activities along Camrose Creek, Alberta within differing habitats and management intensity levels. *Canadian Field-Naturalist* 122(4): 299-302. https://doi.org/10.22621/cfn.v122i4.635
11. R - Barbieri, E. and G.T. Hvenegaard. 2008. Seasonal occurrence and abundance of shorebirds at Atalaia Nova Beach in Sergipe State, Brazil. *Waterbirds* 31(4): 636-644. http://dx.doi.org/10.1675/1524-4695-31.4.636
10. R - Hvenegaard, G.T. and V. Manaloor. 2007. A comparative approach to analyzing local expenditures and visitor profiles of two wildlife festivals. *Event Management* 10(4): 231-239. https://doi.org/10.3727/152599507783948675
9. R - Hvenegaard, G. T. 2007. A novel approach to deepen understanding of undergraduates' environmental backgrounds. *International Research in Geographical and Environmental Education* 16(4): 327-337. http://dx.doi.org/10.2167/irgee220.0
8. R - Hoyt, E. and G.T. Hvenegaard. 2002. A review of whale watching and whaling with applications for the Caribbean. *Coastal Management* 30(4): 381-399. https://doi.org/10.1080/089207502900273
7. R - Hvenegaard, G.T. 2002. Birder specialization differences in conservation involvement, demographics, and motivations. *Human Dimensions in Wildlife* 7(1): 21-36. https://doi.org/10.1080/108712002753574765
6. R - Hvenegaard, G.T. 2002. Using tourist typologies for ecotourism research. *Journal of Ecotourism* 1(1): 7-18. https://doi.org/10.1080/14724040208668109
5. R - Stacey, P.J. and G.T. Hvenegaard. 2002. Habitat use and behaviour of Irrawaddy Dolphins (*Orcaella brevirostris*) in the Mekong River of Laos. *Aquatic Mammals* 28(1): 1-13. https://doi.org/10.7939/r3-ppqm-er09
4. R - Hvenegaard, G.T. and P. Dearden. 1998. Linking ecotourism and biodiversity conservation: a case study of Doi Inthanon National Park, Thailand. *Singapore Journal of Tropical Geography* 19(2): 193-211. https://doi.org/10.1111/j.1467-9493.1998.tb00259.x

3. R - Hvenegaard, G.T. and P. Dearden. 1998. Ecotourism versus tourism in a Thai national park. *Annals of Tourism Research* 25(3): 700-720. https://doi.org/10.1016/S0160-7383(98)00020-6
2. R - Hvenegaard, G.T. 1994. Ecotourism: A status report and conceptual framework. *The Journal of Tourism Studies* 5(2): 24-35. https://search.informit.org/toc/jts/5/2
1. R - Hvenegaard, G.T., J.R. Butler, and D.K. Krystofiak. 1989. The economic values of bird watching at Point Pelee National Park, Canada. *Wildlife Society Bulletin* 17(4): 526-531. https://www.jstor.org/stable/3782724

5.2. In Revision

R - Hvenegaard, G., and C. Cueva Quimiz. Do nature-based tourism activities and certifications promote resource conservation? A case study of dark sky tourism and dark sky sites in Canada. A. Mandic, B. KC (Eds.). *Nature-Based Tourism for Conservation: Global Case Studies in Protected Areas* (Routledge, Tourism, Environment and Development series). Submitted Mar 27, 2026. Resubmitted August 21, 2026.

R - Hvenegaard, G.T., C.J. Blye, and E.A. Halpenny. Visitor outcomes from personal interpretation in the provincial parks of Alberta, Canada. *Journal of Outdoor Recreation and Tourism*. Under peer review. Submitted April 17, 2026.

5.3. Submissions

R - Mouat, J., and G. Hvenegaard. Frank Farley. *Dictionary of Canadian Biography*. Under peer review. Submitted Sept 22, 2025.

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R - Hvenegaard, G.T., C.J. Blye, and E.A. Halpenny. Which program and interpreter characteristics predict visitor outcomes in personal interpretation? *Journal of Interpretation Research*. Under peer review. Submitted September 1, 2026.

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5.8. Grants

Year	**Agency:** Project	$: Role
2025	**Augustana Research Fund:** Purple Martin nesting success & nestling survival	$1500 PI
2025	**University of Alberta, Undergraduate Research Experience Internship**: Purple Martin migration and dispersal in east central Alberta	$4000 PI
2025	**Environment and Climate Change Canada:** Grassland Knowledge and Learning Hub	$4 million Co-Inves

2023	**EFF/SAS & SIG Funding, University of Alberta:** Human dimensions of urban forest management	$6000 CA
2022	**Experiential Learning Support Fund, University of Alberta, Augustana Campus:** Delivering AUIDS 101 (Meaning in Migration)	$1700 PI
2022	**EFF/SAS & SIG Funding, University of Alberta:** Educational impacts of dark sky tourism in Alberta	$5242 PI
2019	**University of Alberta, Undergraduate Research Experience Internship**: Interpretation outcomes research (not implemented because the COVID-19 pandemic restricted travel of international students)	$4,000 PI
2019-21	**Beaver Hills Biosphere and Mitacs Accelerate**: Interagency collaboration among Beaver Hills Biosphere Partners for environmental education and heritage interpretation	$191,000 CA
2019	**University of Alberta, Undergraduate Research Experience Internship**: interpretation outcomes research	$3,000 PI
2018-21	**Social Sciences & Humanities Research Council of Canada** (Partnership Development Grant): Integrating social science, Indigenous, and local knowledge into park management, planning and policy making	$199,902 CA
2018-19	**Augustana Faculty Research Fund:** Goals and outcomes of park interpretation	$8,000 PI
2018-19	**Alberta Parks Innovation Fund:** Networks for integrating social sciences for effective park management in Alberta	$40,000 CA
2018	**Mitacs Globalink Research Internship:** Purple Martin conservation in central Alberta	$5,000 PI
2017-22	**Social Sciences & Humanities Research Council of Canada (**Insight Grant): Matching goals and outcomes of park interpretation using the Theory of Planned Behavior: A case study of Alberta's Provincial Parks	$209,795 PI
2017	**Mitacs Globalink Research Internship:** Purple Martin conservation in central Alberta	$5,000 PI
2017	**Endowment Fund for the Future** - Support for the Advancement of Scholarship, U of A: Commitment and turnover among bluebird stewards	$5,112 PI
2017-18	**Beaver County**: Ecological sustainability in rural landscapes	$63,336 CA
2016-19	**U of Alberta, Sustainability, Model Green Labs**: Sustainability enhancements for the Augustana Miquelon Lake Research Station	$15,526 PI
2015-16	**University of Alberta Killam Small Operating Grant**: Frank Farley: An early Western Canadian Environmentalist	$7,000 PI
2015-16	**Beaver County**: Ecological sustainability in rural landscapes	$63,336 CA
2015-16	**AB Conservation Association Research Grants**: Range-wide influences on breeding productivity of declining migratory songbirds in AB	$25,958 CA
2015	**Mitacs Globalink Research Internship:** Purple Martin conservation in central Alberta	$5,000 CA

2015	**University of Alberta, Undergraduate Research Experience Internship**: wildlife ecotourism research	$3,000 PI
2015-18	**Alberta Heritage Resources Foundation**: Frank Farley: a pioneer naturalist in Alberta	$9,940 PI
2014-15	**University of Alberta, Office of Sustainability**: Sustainability protocols for the Augustana Miquelon Lake Research Station	$22,180 PI
2014-15	**TD Friends of the Environment Foundation**: Using GPS tags for migration ecology of Purple Martins nesting in Alberta	$3,059 PI
2014	**Baillie Fund and Wasserfall Memorial Fund**: Migration ecology of Purple Martins nesting in east-central Alberta	$600 PI
2013-14	**TD Friends of the Environment Foundation**: Using geolocators for migration patterns of Purple Martins nesting in Alberta	$3,000 PI
2013-14	**Alberta Sport, Recreation, Parks, and Wildlife Foundation**: Migration ecology of Purple Martins nesting in east-central Alberta	$5,000 PI
2013-14	**University of Alberta International, Undergraduate Research Experience**: Ecotourism and conservation in Brazil	$5,000 CA
2013-14	**University of Alberta**, **Killam Research Fund Cornerstone Grant:** Integrated Community Sustainability Plans in Canada: An analysis of sustainability emphases and contributing factors	$41,620 PI
2012-13	**Alberta Rural Development Network, Research Grants**: Community-based factors influencing the development and content of Integrated Community Sustainability Plans in rural Alberta and Canada	$9,937 PI
2012–14	**IUCN**, **World Commission on Protected Areas:** Revision of Best Practice Guidelines for Sustainable Tourism in Protected Areas	$45,000 CA
2012-13	**Social Sciences & Humanities Research Council of Canada (**Partnerships Grant – Letter of Intent): Rural sustainability: Complexity, informality and partnerships in planning, policy and governance	$20,000 CA
2011-15	Establishment of Augustana Miquelon Lake Research Station 2015 **Beaver Hills Initiative** 2015 **Camrose and District Fish and Game Association** 2014 **Beaver County** 2014 **County of Camrose** 2012-13 **Alberta Parks** (New Ideas Project Fund) 2012-13 **U of A Office of Sustainability** (Enhancement Fund) 2011 **Alberta Parks** 2011 **County of Camrose**	CA $2,000 $2,000 $5,000 $20,000 $50,000 $50,000 $25,000 $25,000
2011-12	**Alberta Parks** (Internal Research Funds): Linking wetland research with park interpretation and visitor satisfaction	$9500 Co-PI
2010-2011	**Social Sciences & Humanities Research Council of Canada (**Public Outreach Conference Grant): Taking the Next Steps – Sustainability planning, policy and participation for rural Canadian communities	$161,105 CA
2010-11	**Augustana Campus, University of Alberta**: One course teaching release to research wildlife festivals	$6,000 PI

2009-12	**Social Sciences & Humanities Research Council of Canada:** Wildlife festivals in Canada: Conservation objectives, mechanisms, and outcomes	$46,535 PI
2009-12	**U of Alberta – Teaching and Learning Enhancement Fund**: Improving directed studies courses by evaluating student and instructor perspectives	$38,148 PI
2006	**University of Alberta Killam Travel Grant**: Conference travel	$1,600 PI
2007	**Faculty Council Research Committee Travel Grant**: conference travel	$651 PI
2008-09	**University of Alberta – McCalla Professorship**: Fieldwork in undergraduate teaching: Pedagogy, design, and evaluation	$32,000 PI
2007-08	**French Embassy in Canada – Science and Technology Section:** Biodiversity in rural southern France: The use of birds as indicators	$2,400 PI
2007	**Augustana Research Fund:** Conference travel: Being in Nature: Experiential Learning and Teaching, Gisna Valley, Norway	$2,106 CA
2006-09	**Sustainable Forest Management Network:** Protected areas in sustainable forest management: Innovation across knowledge systems	$122,500 CA
2006	**Parks Canada Personal Interpretation Innovation Fund:** Fostering the future: Insight into children's visitor experiences in Banff National Park	$20,000 CA
2005-06	**North American Waterfowl Management Plan - Alberta Biodiversity Research Fund:** Effectiveness of bird diversity measures to assess beneficial management practices toward biodiversity conservation	$10,000 PI
2005-06	**Augustana Campus, University of Alberta**: One course teaching release to research bird biogeography	$5,000 PI
2002-03	**Augustana University College**: Biogeography and conservation of birds in the aspen parkland region of East-Central Alberta	$1,592 PI
1999-00	**Augustana University College**: Economic benefits of the Beaverhill Lake Snow Goose Festival on Tofield, Alberta	$3,900 PI
1999	**Whale and Dolphin Conservation Society**: Questionnaire development to assess whale watching in the Caribbean	$620 PI
1998-99	**Augustana University College**: Growth of commercial whale watching in Victoria, BC	$700 PI
1997	**International Fund for Animal Welfare**: Social and economic aspects of ecotourism applied to whale watching tourism	$700 PI
1996	**International Development Research Centre**: Ecotourism and conservation in Thailand	$600 PI
1995	**Biodiversity Support Program** (WWF/Nature Conservancy/WRI): Biodiversity conservation in Thailand: Ecotourism and protected areas	$45,963 Co-PI
1993-94	**International Development Research Centre (Young Canadian Researchers Award)**: Relationships between ecotourism and conservation: A case study of Doi Inthanon National Park, Thailand	$10,900 Co-PI
1993	**Canada-ASEAN Centre / Asia Pacific Foundation of Canada**: Linkages between ecotourism and the conservation of biological diversity in protected areas of Northern Thailand	$5,000 PI

1989	**Alberta Recreation, Parks and Wildlife Foundation**: Nongovernmental funding of AB's Nonconsumptive Wildlife Use Program	$6,300 PI
1988	**Canadian Wildlife Service, Environment Canada**: Economic values of bird-watching associated with Point Pelee National Park, Ontario	$2,500 CO
1987	**Natural Sciences and Engineering Research Council of Canada**: Socio-economic impact assessment of birders at Point Pelee National Park	$5,700 CO
1987	**Central Research Fund, University of Alberta**: Economic valuation of bird watching at Point Pelee National Park	$2,500 CO
1987	**Agriculture Canada and Rural Economy Dept., University of Alberta**: Economic valuation of bird watching at Point Pelee National Park	$2,000 CO

5.9. Research Assistant Supervision

2025 Cindy Cueva Quimiz (4 months: Dark sky tourism)
2025 Amy Wise (4 months: Purple Martin movements); Luke Beattie (2 months: urban forests)
2023 Kate Corrigan (4 months on interpretation outcomes)
2022 Julie Ostrem and Kate Corrigan (both for 4 months on interpretation outcomes), Ben Nawrot (4 months on dark sky tourism)
2021 Carolyn Cook and Katherine Corrigan (both for 4 months on interpretation outcomes)
2020 CJ Blye (8 months on interpretation outcomes), Katherine Corrigan, and Carolyn Cook (4-8 months on interpretation outcomes)
2019 Garrett Rawleigh (3 months on AMLRS; 4 months on interpretation); Shayden Toh, Kiva Olson, and CJ Blye (3/4/8 months on interpretation outcomes)
2018 Heather Marshall (8 months on Frank Farley); Garrett Rawleigh (3 months on AMLRS and 4 months on interpretation outcomes); Hannah Kondas and CJ Blye (8 months on interpretation outcomes); Emily Grose (1 month on Purple Martins)
2017 Heather Marshall (8 months on Frank Farley); Frida Rodriguez (3 months on Purple Martins); Wyatt Beach, Emily Grose, Jordan Nakonechny (4/4/4 months on Beaver County); Garrett Rawleigh (3 months on AMLRS)
2016 Heather Marshall (8 months on Frank Farley); Melissa Tollitt, Shane Hoveland, and Tye DeBrule (4/4/4 months on Beaver County)
2015 Larissa Gomez Villasenor (3 months Purple Martins); Heather Marshall (4 months on Frank Farley); Alanna Kaiser (3 months on wildlife festivals); Erin Specht and Kelaine Brand (4/4 months on research station sustainability planning)
2014 Jennifer Stonechild and Aubrie Duncan (4/4 months on rural sustainability planning); Heather Marshall (4 months on Frank Farley)
2013 Jennifer Stonechild, Aubrie Duncan, and Amy Avdeef (4 months on rural sustainability planning); Hugo Narumiya (2.5 months on ecotourism in Brazil)
2012 Erika Heiberg and Jennifer Stonechild (4 months each on rural sustainability planning)
2011 Amanda Hill (4 months on directed studies courses); Kathleen Brager (4 months on wildlife festivals); Allyson Cornelis (4 months on Miquelon interpretation); and Nhial Tiitmamer Kur (2 months on several projects)
2010 Nhial Tiitmamer Kur (4 months on wildlife festivals); Wynn Coates (4 months on directed studies courses)

2009 Shungu Mushayandebvu (4 months on directed studies courses); Jody Rintoul (4 months on wildlife festivals); Erika Heiberg (3 months on fieldwork pedagogy)
2008 Alana Martinson (8 months part-time on fieldwork pedagogy)
2007 Susanna Bruneau, Kim Macklin, and Chad Winger (2 months on Camrose Natural History)
2006 Tawnya Brown (4 months on birds and agriculture)
2002-present Wildlife and Greenspace Stewardship Coordinators (Kaitlin Christenson 2026; Casey Elliott 2024 & 2025; Brooklyn Swain 2023; Rhyleigh Henault 2021 and 2022; Brittany Woelk 2019 & 2020; Carolyn Cook 2018; Carson Hvenegaard 2017; Katherine Rogers 2016; Ryley Corcoran 2015; Amy Avdeeff 2014; Samara Froland 2013; Stacey Rempel 2012; Kaylyn Jackson 2011; Leanna Trefry 2010; Kaley Segboer 2009; Candice Tremblay 2006-2007; Charles Ames 2005; Kari Hamilton 2004; Patricia Macklin 2003; Christina Elliot 2002)

6. PUBLIC CONTACT

6.1.Conference Presentations (oral unless noted; **bold = presenters**; *italics = students*)

Removed

6.2. Community and Professional Presentations

Removed

7. TEACHING

7.1. Graduate Supervisor

4. 2025- MSc **Co-supervisor**, Belle Dodds, Faculty of Kinesiology, Sport, and Recreation, University of Alberta (started in Sept/25)
3. 2022-25 MSc **Co-supervisor**, Katherine Corrigan, Faculty of Kinesiology, Sport, and Recreation, University of Alberta (completed; now a park interpreter with Parks Canada)
2. 2020-22 MSc **Supervisor**, Julie Ostrem, Faculty of Kinesiology, Sport, and Recreation, University of Alberta (completed; with Parks Canada; started a PhD in 2025)
1. 2017-19 MSc **Supervisor**, Kelsey Bourgeois, Environmental Management Program, Royal Roads University (completed; now professional biologist with EnviroMak Inc.)

7.2. Supervisory Committee

6. 2025- Member, PhD Supervisory committee, Michelle Murphy, Faculty of Kinesiology, Sport, and Recreation, University of Alberta (completed)
5. 2024- Member, MA Supervisory committee, Regan Coyne, Faculty of Kinesiology, Sport, and Recreation, University of Alberta (completed; now with AB Parks)
4. 2019- Member, PhD Supervisory committee, Clara-Jane Blye, Faculty of Kinesiology, Sport, and Recreation, University of Alberta (completed; now U of Utah professor)

3. 2010-13 Member, MA Supervisory committee, Debbie Mucha, Faculty of Physical Education and Recreation, University of Alberta (completed; now area manager, AB Parks)
2. 2011-13 Member, PhD Supervisory committee, Maral Hamayeli Mehrabani, Faculty of Physical Education and Recreation, University of Alberta (did not complete)
1. 2007-08 Member, MSc Supervisory committee, Manon Dubé, MSc student, Department of Biological Sciences, University of Alberta (completed; now biologist with CWS)

7.3. Graduate Examiner

16. 2025 External Examiner, MA Defense, Fatima Fazeli, School of Urban and Regional Planning, University of Alberta
15. 2019 External Examiner, MA Defense, Mu He, Faculty of Physical Education and Recreation, University of Alberta
14. 2018 External Examiner, MEnvSci Defense, Matthew Murphy, Department of Geography, Memorial University of Newfoundland and Labrador
13. 2016 External Examiner, MA Defense, Clara-Jane Blye, Faculty of Physical Education and Recreation, University of Alberta
12. 2016 External Examiner, PhD Defense, Farhad Moghimehfar, Faculty of Physical Education and Recreation, University of Alberta
11. 2015 External Examiner, PhD Defense, Rochelle Steven, Department of Tourism, Sport and Hotel Management, Griffith University, Australia
10. 2015 External Examiner, PhD Defense, Matthew Bowes, Department of Geography, University of Victoria
9. 2014 External Examiner, MA Defense, Therese Salenieks, Faculty of Physical Education and Recreation, University of Alberta
8. 2013 External Examiner, PhD Defense, Huong Do, Department of Tourism, Sport and Hotel Management, Griffith University, Australia
7. 2013 External Examiner, MA Defense, Celina Waight, Department of Geography, Memorial University of Newfoundland and Labrador
6. 2010 External Examiner, PhD Candidacy Exam, Lara Fenton, Faculty of Physical Education and Recreation, University of Alberta
5. 2010 External Examiner, MA Defense, Yanan Li, Faculty of Physical Education and Recreation, University of Alberta
4. 2009 External Examiner, PhD Candidacy (2009) and Defense (2013), Cory Kulczycki, Faculty of Physical Education and Recreation, University of Alberta
3. 2009 External Examiner, MES Defense, Joey Young, School of Outdoor Recreation, Parks, and Tourism, Lakehead University
2. 2009 External Examiner, PhD Defense, Agnes Weighill, Faculty of Physical Education and Recreation, University of Alberta
1. 2007 External Examiner, MSc Defense, Clara Espirito-Santo, Department of Geography, Memorial University of Newfoundland

7.4. Undergraduate Supervision (students in Independent or Directed Studies courses)

35. 2025 Landon Dufault: Changes in bird populations from the Camrose Christmas Bird Count
34. 2025 Luke Beattie: Analysis and paper for forest management on private land in Camrose
33. 2024 Luke Beattie: Forest management on private land in Camrose
32. 2022 Belle Dodds: Insights from an Alberta Parks Communicator student placement
31. 2020 Kate Corrigan: Impacts of COVID-19 on interpretation in Alberta's provincial parks
30. 2020 Julie Ostrem: Collaboration possibilities in UNESCO Biosphere Reserves
29. 2019 Braeden Kelly: Impacts of landlord stewardship on Purple Martins nest occupancy
28. 2019 Carolyn Cook: Dispersal and age/sex structure of Purple Martins in central Alberta
27. 2019 Britt Anderson: Nest box preferences of Purple Martins in central Alberta
26. 2017 Katelynn Cook: Outcomes of personal interpretation in Alberta's Provincial Parks
25. 2017 Julie Ostrem: Insights from an Alberta Parks Communicator student placement
24. 2014 Hans Asfeldt: Deliberative democracy, citizen science, and fracking in Alberta
23. 2014 Kelaine Brand: Volunteer tourism and sea turtle conservation in Guatemala
22. 2014 Heather Marshall: Frank Farley, an early Camrose environmentalist and ornithologist
21. 2013 Laura Fraser: Motivations of citizen scientists engaged in Purple Martin research
20. 2012 Stacey Rempel: Evaluating Purple Martins as a flagship species for conservation
19. 2012 Kiva Olson: Managing megaherbivores in fenced parks in Canada and South Africa
18. 2010 Nhial Tiitmamer Kur: BC whale watching marketing efforts vs. ecotourism principles
17. 2010 Taylor Woolley: Nocturnal owl population trends at Miquelon Lake Provincial Park
16. 2009 Shawn Banack: Landowner motivations for wildlife-friendly farming practices in AB
15. 2008 Sarah Skinner: Motivations for producers to engage in organic farming
14. 2007 Candice Tremblay: Motivations of Purple Martin Landlords in Camrose, AB
13. 2006 Kim Macklin: Engaging children with improvisational theatre games in interpretation
12. 2006 Katherine Blakely: Recognizing drama in interpretive techniques
11. 2005 Bethany Loates: The density of beaver colonies and dams along Camrose Creek
10. 2003 Trish Macklin: Science-based standards & opposition to intensive livestock operations
9. 2002 Christiane Brouwer: White shark cage diving in South Africa: Is it ecotourism?
8. 1999 Carley Humber: Climate change impacts on insurance companies and human migration
7. 1998 Rob Wiesner: The effects of hazardous weather on aviation
6. 1998 Scott Heckbert: Using interpretation to achieve resource management goals
5. 1997 Michelle Charlebois: Resource management principles
4. 1997 Dwayne Welsh: Roadkills: the dynamics of vehicle-animal collisions on highways
3. 1997 Michael Bowie: Agricultural development and growth policies in east-central AB
2. 1997 RaeAnn Van Beers: Looking at the environment through the media's eyes
1. 1996 Kathy Ronald: Social & economic impacts of the BHP diamond mine, NWT

7.5. Student Awards

2024 Luke Beattie, UofAB, FURCA Sustainability Award (Mar)
2024 Luke Beattie, Augustana Faculty Outstanding Undergraduate Research Award (Dec)
2021 Carson Hvenegaard, National Association for Interpretation, Student Scholarship (Dec)
2021 Julie Ostrem, National Association for Interpretation, Student Scholarship (Dec)
2020 Kate Corrigan, Augustana Faculty Outstanding Undergraduate Research Award (Dec)
2020 Julie Ostrem, Alberta Parks Forum, Student Poster Award (March)

2015 Heather Marshall, Undergraduate Research Initiative Stipend (Summer)
2014 Hans Asfeldt, Undergraduate Research Symposium, Outstanding Communication (Nov)
2014 Heather Marshall, Roger S. Smith Undergraduate Research Award (Summer)
2014 Aubrie Duncan, Undergraduate Research Initiative Stipend (Summer)
2007 Candice Tremblay, Honourable Mention, Student Academic Conference (Spring)
1997 Elaine Burke Award (achievement in environmental citizenship) (AUENV 120 class)

7.6. Undergraduate Courses

- My normal workload includes 3 lectures and/or labs per semester. My courses include:
    - AUENV 120: Human Activities and the Natural Environment
    - AUENV 230: Geomorphology; including lab
    - AUENV 231: Climatology; including lab
    - AUENV 252: Wildlife Diversity of Alberta
    - AUENV 320/420: Parks and Wilderness
    - AUENV 334: Field Studies in Environmental Science and Ecology
    - AUENV 327: Environmental Education and Heritage Interpretation
    - AUENV 421: Environmental Science: History and Impacts
    - AUIDS 101: First Year Seminar
- I have also taught:
    - AUGEO 132/232: Field Physical Geography
    - AUGEO 150: Introduction to Human Geography
    - AUGEO/AUENV 301/302/401/402: Directed Readings and Directed Studies
    - AUENV 324: Resource & Environmental Management
    - AUGEO 341/342: Geography of the Canadian North
    - AUGEO 343: Expedition in the Canadian North
    - AUGEO/AUBIO 351: Biogeography; including lab
    - AUIDS 120/220: Orientation to Development Studies
    - AUPED 388: Arctic Canoe Expedition; with three-week canoeing expedition

7.7. Guest Lecturer (Augustana Faculty, University of Alberta, unless noted)

2026 AUHIS 261: Frank Farley: Camrose's Renowned Naturalist and Booster (Feb 6)
2025 AUSCA 231: Physical geography of Scandinavia (Oct 15)
2024 AUIDS 101: Environmental protests (Sept 11)
AUIDS 101: Commons resources (October 17)
AUENV 220: Life on Land: SDG Goal 15 (Apr 10)
AUENV 335: One landscape, many habitats for supporting bird diversity in a mixed-use landscape in east-central Alberta, Canada (Feb 28)
2023 AUENV 324: Forest resources (Nov 6)
2023 AUIDS 101: Student research and the changing landscape at Miquelon (Aug 29)
2022 AUIDS 201: Nature and wellness (Sept 27)
2022 AUSCA 231/AUGEO 242: Physical geography of Scandinavia (Sept 28)
2022 AUENV 234: Advances in bird movement monitoring techniques (Sept 2)

2020 AUSCA 231/AUGEO 242: Physical geography of Scandinavia (Oct 6)
2019 AUENV 354: Hydrology and physiography of groundwater (Sept 30)
AUGEO 231: Clouds and atmospheric moisture (Mar 15)
AUENV/AUREL 365: Storied landscapes in the Beaver Hills (Jan 15)
2018 AUIDS 101: Environmental protests (Sept 11)
AUGEO/AUBIO 351: Disturbance ecology (Oct 30)
AUGEO 230: Glacial, fluvial, and animal landforms around Camrose (Apr 3)
AUENV 358: Analyzing the oil system (Mar 21)
2017 AUSCA 231/AUGEO 242: Physical geography of Scandinavia (Oct 11)
AUENV 354: Properties of water and water movement (Sept 27)
AUIDS 101: First Year Seminar: Research and the quest (Sept 14)
2016 AUREL 290: A Primer on Climate Change (Sept 7)
AUIDS 286/386: Parks, wilderness, and environmental sustainability (Oct 27)
AUSCA 231/AUGEO 242: Physical geography of Scandinavia (Mar 13)
2015 AUENV / AUGEO 354 Hydrology and physiography of groundwater (Sept 14)
2014 AUCSL 360 Community service-learning and professionalism (Mar 26 and Nov 5)
AUGEO / AUBIO 351 Fire as an ecological disturbance (Sept 30)
AUBIO/AUGEO 351: Conservation and biogeography of Irrawaddy Dolphins (Nov 27)
2013 AUPED 388: Birds and birding in the Canadian Arctic (May 1)
AUENV/AUECO 341: Evaluating environmental projects (Mar 8)
2012 AUBIO/AUGEO 351: Biogeography of Irrawaddy Dolphins (Nov 29)
AUENV 345: Ecological spiritualities of Muir, Leopold, and Thoreau (Oct 19)
AUBIO/AUGEO 351: Physical and environmental factors in biogeography (Sept 20)
AUBIO/AUGEO 351: Physical geography and scale (Sept 18)
AUSCA 231/AUGEO 242: Physical geography of Scandinavia (Sept 25)
2010 AUENV/AUGEO 120: Agriculture and the environment (Nov 3)
AUBIO/AUGEO 351: Vegetation transect monitoring (Oct 4)
Lutheran Theological Seminary – Ecological dimensions of rural communities (Nov 23)
AUSCA 231/AUGEO 242: Physical geography of Scandinavia (Sept 20)
2009 AUENV/AUGEO 120: Protected areas (Mar 27)
AUENV/AUGEO 120: Commons resources (Feb 11)
AUENV/AUGEO 324: Benefit-cost and product life cycle analyses (Feb 11)
AUGEO 231: Climate and society (Jan 27)
AUENV/AUGEO 120: Protected areas (Nov 25)
AUPED 389: Tourism, ecotourism, and adventure tourism (Oct 22)
AUSTA 215 (Sept 21)
2008 AUENV 260: Community service & reciprocal learning (with L. Lindballe; Oct 10)
AUENV/AUGEO 120: Commons resources (Oct 10)
AUSCA 231/AUGEO 242: Physical geography (Sept 16)
AUREL/AUENV 345: Analyzing religious-environmental perspectives (Sept 4)
2007 AUENV/AUREL 345: Ecological spiritualities (Jan 12)
2006 AUENV/AUPHI 355: Aldo Leopold's land ethic (Mar 28)
AUSCA 231/AUGEO 242: Physical geography of Scandinavia (Jan 24)
AUECO/AUENV 341: Applying willingness to pay to wildlife economics (Feb 3)

AUECO/AUENV 341: Economics of environmental quality (Feb 8)
2004 SCA 231: Regional geography and the physical geography of Scandinavia (Jan 20)
2001 PED 388/IDS 374: Birds and birding in the Canadian Arctic (Jan 26)
SCA 231: Physical geography of Scandinavia (Nov 1)
1999 PED 184/284: An overview of ecotourism and adventure travel (Nov 19)
IDS 224: Environment & ecology issues in development studies (Sep 27)
BIO 251: Population ecology: sampling techniques & applications (Sep 27)
SCA 231: Physical geography of Scandinavia (Jan 14)
REL 345: A primer for religion and ecology (Jan 6)
REL 345: Religion and the environmental crisis (Jan 11)
REL 345: Global warming and the religious response (Jan 13)
REL 345: Ecological spiritualities of Thoreau, Muir, and Leopold (Jan 18)
1998 BIO 110: Benefits of biodiversity and extinction threats (Oct 23)
IDS 224: Environmental issues and assessment strategies (Oct 2)
1997 GEO 120: History and management of protected areas in Canada (Nov 18)
REL 345: The global environmental crisis: trends & implications (Sept 8)
SCA 231: The region of Scandinavia: a unique physical geography (Jan 20)
PED 287/387: Birds and birding in the Canadian Arctic (Jan 29)
1996 SCA 231: Physical geography of Scandinavia (Jan 23)
1995 PED 287/387: Birds and their habitats of the Canadian North (Jan 31)
1993 GEO 459b: Ecotourism management in parks (Mar 10, University of Victoria)
1990 FOR 462: Realities of park management (Sept 19, University of Alberta)
1989 INTD 467: Interpretation: personal and publications (Mar 8, University of Alberta)
REC 303: Economics of parks (Feb 8, Red Deer College)
1988 FOR 600: Economic values of bird watching (Dec 7, University of Alberta)
FOR 462: Economics of parks and wildlife tourism (Nov 8, University of Alberta)
FOR 360: Bird watching issues at Point Pelee (Mar 31, University of Alberta)
FOR 360: Tourism: economics and the environment (Mar 22, University of Alberta)
1987 FOR 200: Wilderness: definitions and issues (Nov 10, University of Alberta)
FOR 362: Research on economics of bird watching (Oct 27, University of Alberta)
FOR 360: Wilderness management (Feb 12, University of Alberta)

7.8. Teaching-Related Grants

2026 University of Alberta – Augustana Experiential Learning Fund ($350 to support guest lectures in AUENV 252
2022 University of Alberta – Augustana Experiential Learning Fund ($1700 to support field-based activities for teaching the First Year Seminar)
2007 University of Alberta International: $5000 to develop partnerships with Telemark University College and National Institute for Sport Sciences in Norway (Aug) (with I. Urberg and M. Asfeldt)
2006 Teaching and Learning Enhancement Fund: $1800 to attend conference of the Association for Advance of Sustainability in Higher Education, Phoenix, AZ (Oct 4-6)
2007 Augustana Faculty, University of Alberta: $5192 to convert 35 mm slides to digital

images (Research Committee; STEP program; Teaching Innovation Fund) (with several others)
2004 Augustana Faculty: $3590 to purchase software for an upcoming GIS course
1997 Elaine Burke Award: $500 grant for course-based tree-planting activities

8. SCHOLARLY AND PROFESSIONAL EXPERIENCE

Removed