

CURRICULUM VITAE

(Dec 2020)

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1) UNIVERSITY EDUCATION

Ph.D. University of Calgary. Geography, Spatial Ecology. 2002
M.Sc. University of Calgary, Geography, GIS and Habitat Modelling. 1997
B.Comm. University of Alberta, 1989

2) UNIVERSITY EMPLOYMENT

2016 – Professor, University of Calgary, Geography
2007 – 2016 Associate Professor, University of Calgary, Geography
2001 – 2007 Assistant Professor, University of Calgary, Geography

3) SCHOLARSHIP

Papers in Refereed Journals (24)

1. Boesel, A. and **S.M. Alexander**. 2020. Aligning human and coyote welfare. *Canadian Wildlife, Biology & Management*. 9(2):152-158.
2. Wallach, A. D., Batavia, C. Bekoff, M. **Alexander, S.**, Baker, *et al.* 2020. Recognizing animal personhood in compassionate conservation. *Conservation Biology*. 34(5):1097-1106.
3. **Alexander, S.M.** 2019. Reconciling *just* preservation. *Animal Sentience*. 27(6):1-3.
4. Ryshyk, M.H.C. and **S.M. Alexander**. 2019. Web-GIS, citizen science, and human-coyote encounters in Calgary (2010-2012). *Canadian Wildlife, Biology & Management*. 8(1):17-35.
5. **Alexander, S.M.** and D.L. Draper. 2019. The rules we make that coyotes break. *Journal of Contemporary Social Sciences, Special Edition*. pp 1-13. To link to this article: <https://doi.org/10.1080/21582041.2019.1616108>
6. **Alexander, S.M.**, and V.M. Lukasik. 2017. Re-placing coyotes. *Lo Squaderno-Explorations in Space and Society*. 42: 37-41.
7. Watts, A., V.M. Lukasik, M.J. Fortin, and **S.M. Alexander**. 2015. "Urbanization, grassland, and diet influence coyote (*Canis latrans*) parasitism structure." *EcoHealth*. 12(4):645-659
8. van Rheenens, S., T.W.J. Watson, **S.M. Alexander**, and M.D. Hill. 2015. "An analysis of spatial clustering of stroke in Alberta, Canada, using GIS." *The Canadian Journal of Neurological Sciences* 16:1-11.
9. **Alexander, S.M.** and M.S. Quinn. 2012. "Portrayal of interactions between humans and coyotes (*Canis latrans*): Content analysis of Canadian print media (1998-2010)." *Cities and the Environment (CATE) - Special Topic Issue: Urban Predators* 4(11): Article 9. <http://digitalcommons.lmu.edu/cate/vol4/iss1/9/>
10. Lukasik, V.M. and **S.M. Alexander**. 2012. "Spatial and temporal variation of coyote (*Canis latrans*) diet in Calgary, Alberta." *Cities and the Environment (CATE). Special Topic Issue: Urban Predators* 4(11): Article 8. <http://digitalcommons.lmu.edu/cate/vol4/iss1/8/>
11. Watts, A. and **S.M. Alexander**. 2012. "Community variation of gastrointestinal parasites found in urban and rural coyotes (*Canis latrans*)." *Cities and the Environment (CATE) - Special Topic Issue: Urban Predators* 4(11): Article 11. <http://digitalcommons.lmu.edu/cate/vol4/iss1/11/>

12. **Alexander, S.M.** and M.S. Quinn. 2011. "Coyote (*Canis latrans*) interactions with humans and pets reported in the Canadian print media (1995–2010)." *Human Dimensions of Wildlife* 16:345-359.
13. Quinn, M.S, **S.M. Alexander**, N. Heck, and G. Chernoff. 2011. "Bird collision hotspots on transmission power lines in Alberta: an expert-based Geographic Information System (GIS) approach." *Environmental Informatics* 18(1):12-21.
14. Lukasik, V. and **S.M. Alexander**. 2011. "Human-coyote interactions in Calgary, Alberta." *Human Dimensions of Wildlife* 16(2):114-127.
15. Kang, H. and **S.M. Alexander**. 2009. "Relative accuracy of spatial predictive models for lynx (*Lynx Canadensis*) derived using logistic regression-AIC, multiple criteria evaluation and Bayesian approaches." *Current Zoology* 55(1): 28-40.
16. **Alexander, S.M.** 2008. "Snow-tracking and GIS: using multiple species-environment models to determine optimal wildlife crossing sites and evaluate highway mitigation plans on the Trans-Canada highway." *Canadian Geographer* 52(2): 169-187.
17. Etherington, T.R. and **S.M. Alexander**. 2008. "Identifying radio-telemetry sampling bias using Geographic Information System viewsheds." *Journal of Wildlife Management* 72(4):1043-1046.
18. **Alexander, S. M.**, T.B. Logan, and P.C. Paquet. 2006. "Spatio-temporal co-occurrence of cougars (*Felis concolor*), wolves (*Canis lupus*) and their prey during winter: a comparison of two analytical methods." *Journal of Biogeography* 33:2001-2012.
19. **Alexander, S.M.** and D. Duro. 2006. "Habitat fragmentation and water quality in the Candelaria Watershed, Mexico." *Jaina en linea* Volume especial: 34-36.
20. **Alexander, S. M.**, P.C. Paquet, T.B. Logan, and D.J. Saher. 2005. "Snow-tracking versus radio-telemetry for predicting wolf–environment relationships in the Rocky Mountains of Canada." *Wildlife Society Bulletin* 33(4):1-9.
21. **Alexander, S. M.**, N.M. Waters, and P.C. Paquet. 2005. "Traffic volume and highway permeability for a mammalian community in the Canadian Rocky Mountains," *Canadian Geographer* 49(4):321-331.
22. Paquet, P.C. and **S.M. Alexander**. 2005. "Banff National Park: how helpful is highway mitigation." *Wild Earth* Fall/Winter: 70-71.
23. Wilkie, K.J., M.E. Tyler, and **S.M. Alexander**. 2003. "Conserving Habitat and Biodiversity in Urban Landscapes." *Environmental Informatics Archives* 1:190-196.
24. **Alexander, S.M.** and N.M. Waters. 2000. "The effects of transportation corridors on wildlife: a case study of Banff National Park." *Transportation Research, Part C: Emerging Technologies* 8(2000):307-320.

Chapters in refereed/edited books (16)

1. **Alexander, S.M.** and D.L. Draper. 2019. "Worldviews and Coexistence with Coyotes." In B. Frank et. al, Ed. *Rethinking Co-existence*, pp. 313-341. Oxford Press.
2. Benitez, J.A., G. Pozo-Montuy, **S.M. Alexander**, G. Escalona-Segura, et al. 2019. On-line pre-print. "Impacto de la Vía Férrea y del Crecimiento Turístico Asociado al Tren Maya; medidas de mitigación y cambios al diseño para las reservas de Calakmul y Balam-kú" DOI: 10.13140/RG.2.2.34766.31042. Chapter in *Vehicular Impact on Wildlife in the Yucatan, MX.*, Ed. J.A. Benitez.

3. Paquet, P.C. and **S.M. Alexander**. 2018. Habitat loss: Changing what animals think? In A. Butterworth ed, *Animal Welfare in a Changing World*. pp. 4-13. Oxfordshire: CABI Press.
4. **Alexander, S.M.** 2017. "Silence of the Song Dogs". In J. Ellis, ed, *Calgary-City of Animals*. University of Calgary Press, Calgary: University of Calgary Press, 22-31.
5. Quinn, M. S. **Alexander, S.M.**, Kennett, S. Stelfox, B. and Tyler. M.E. 2016. "Consequence and management of Alberta's energy infrastructure." In L. Adkin, ed, *Political Ecology in Alberta*. Toronto: University of Toronto Press,
6. **Alexander, S.M.** 2015. "Carnivore conflict, management, and conservation GIS in Canada." In B. Mitchell, ed., *Resources and Environmental Management in Canada*. Ontario: Oxford University Press, 293-317.
7. Blue, G., and **S.M. Alexander**. 2015. "Coyotes in the city: gastro-ethical encounters in a more-than-human world." In R. Collard and K. Gillespie, eds, *Critical Animal Geographies: Politics, Intersections and Hierarchies in a Multispecies World*. New York: Routledge, 149-163.
8. **Alexander, S. M.** and N.M. Waters. 2014. "Road Ecology" In M. Garret, and J. G. Golson, eds, *The Encyclopedia of Transportation: Social Science and Policy*. Thousand Oaks, CA. SAGE Publications Inc, 1162-1165.
9. **Alexander, S.M.** 2012. "Coexisting with coyotes in Canada: lessons from the Calgary coyote project." In Udo Ganslößer, ed, *Hund, Wolf & Co*. Germany: Filander Verlag, 53-70.
10. Paquet, P.C., **S.M. Alexander**, and S. Donelon. 2010. "Influence of anthropogenically modified snow conditions on movements and predatory behaviour of gray wolves." In M. Musiani, L. Boitani, and P.C. Paquet, eds, *The World of Wolves and People: New Perspectives on Ecology, Behavior and Management*. Calgary: University of Calgary Press. 157-173.
11. Quinn, M.S., and **S.M. Alexander**. 2007. "Information technology and the protection of biodiversity in protected areas." In K. Hanna, D. Clark, and S. Slocombe, eds, *Transforming Parks: Protected Areas Policy and Governance in a Changing World*. New York: Taylor & Francis Books Ltd. 62-84.
12. **Alexander, S.M.**, M.S.M. Pavelka, and N.H. Bywater. 2006. "Quantifying fragmentation of black howler (*Alouatta pigra*) habitat after hurricane Iris (2001), Southern Belize." In A. Estrada, P. Garber, M. Pavelka, and L. Luecke, eds, *New Perspectives in the Study of Mesoamerican Primates: Distribution, Ecology, Behavior and Conservation*. New York: Kluwer Academic Press, 539-559.
13. Paquet, P.C., **S.M. Alexander**, P.L. Swan, and C.T. Darimont. 2006. "The influence of natural landscape fragmentation and resource availability on connectivity and distribution of marine gray wolf (*Canis lupus*) populations on Central Coast, BC." In K. Crooks and M.A. Sanjayan, eds, *Connectivity Conservation*. Cambridge: Cambridge University Press. 130-156.
14. Benitez, J.A. and **S.M. Alexander**. 2006. "A GIS analysis of watershed change in the Candelaria River Basin, Mexico." In *Highlighting the impacts of North-South research collaboration among Canadian and southern higher education partners*. Ottawa: The Association of Universities and Colleges of Canada, 107-116.
15. **Alexander, S.M.**, N.M. Waters, and P.C. Paquet. 2004. "A probability-based GIS model for identifying focal species linkage zones across highways in the Canadian Rocky Mountains." In G. Clarke and J. Stillwell, eds, *Applied GIS and Spatial Modelling*. UK: University of Leeds, 233-255.
16. **Alexander, S.M.** and N.M. Waters. 2000. "GIS-T and the effects of highway transportation corridors on wildlife." In J.C. Thill, ed, *GIS and Environmental Modelling*. UK: Elsevier Science Ltd, 307-320.

Other Scholarly Contributions (Non-refereed Literature, Book Reviews)

1. Proulx et al. 2017. Killing wolves and farming caribou benefit industry, not caribou: A response to Stan Boutin. Letter to Editor, Nature Alberta, Vol 42, Spring.
2. Alexander, S.M. 2017. Quarterly Journal of Biology. Book Review. Wildlife in the Anthropocene

Journal Article requiring removal of name at submission (1)

(I retracted my name due to ethical conflict arising after my data were integrated and at final edit stage - lead authors added invasive trapping method without consensus – in direct conflict with ethics of my research lab and I could not pull data without compromising my Ph.D. student Lukasik)

1. Murray M, Cembrowski A, Latham ADM, Lukasik VM, Pruss S, St Clair CC. 2015. Greater consumption of protein-poor anthropogenic food by urban relative to rural coyotes increases diet breadth and potential for human–wildlife conflict. *Ecography*. DOI: 10.1111/ecog.01128

Published Conference Proceedings: Abstracts and Presentations (77)

1. Greer, C., Baker, L. and **S.M. Alexander**. 2020: Using activity budgets to understand the behavioural and ecological needs of rewilded Asian elephants (*Elephas maximus*), The North American Congress for Conservation Biology (NACCB), July 27-31, Virtual.
2. Greer, C., Baker, L. and **S.M. Alexander**. 2020: Using activity budgets to assess the success of rewilding: The case of the Asian elephant in Thailand, Animal Behaviour Society, July 28-31, Virtual.
3. Boesel, A. and **S.M. Alexander**. 2020. Aligning Human and Coyote Welfare. NACCB. Denver, CO (virtual). 7/27-7/31.
4. Plotsky, K. and **S.M. Alexander**. 2020. Which Study Area Information Should be Reported?: A Suggested Guideline for Reporting Contextual Characteristics of Research. North American Congress for Conservation Biology. July 27-31.
5. **Alexander, S.M.** 2019. “Do animals have a sense of place?” Invited Keynote Speaker, Annual Conference of the Animal Welfare Science Program, UBC. Mar. 8.
6. **Alexander, S.M.** 2018. “Compassion for Coyotes”. Invited speaker, National Conference for the Canadian Humane Society. 90 min presentation. Calgary, AB. April 22-26.
7. **Alexander, S.M.** 2018. “Animal Geographies”. Invited speaker - Women in Science lecture series. Lethbridge University. Lethbridge University. March 12-13.
8. **Alexander, S.M.** 2017. Coyotes at the Interface. Furbearer Defenders on-line Conference. Oct 24-26. 40 min presentation – including Q/A.
9. **Alexander, S.M.** and D.L. Draper. 2017. “Coyotes in the Crosshairs”. International Interdisciplinary Social Sciences Conference. Hiroshima, Japan. July 26-28.
10. **Alexander, S.M.** 2016. “Coyote the Bountiful”. Compassionate Conservation Week Conference. Hosted by Furbearers Canada. webinar. September 20-23.
<http://thefurbearers.com/blog/register-now-compassionate-conservation-week>
11. **Alexander, S.M.** 2016. “Coyote: revered, reviled, researched”. Invited presentation and panelist. Congress of the Humanities and Social Sciences. CSEP (Eco-Philosophy) Panel. May 28-June 3, Calgary, AB.

12. **Alexander, S.M.** and D.L. Draper. 2016. "Coyote landscapes". Congress of the Humanities and Social Sciences. ESAC. May 28-June 3, Calgary, AB.
13. **Alexander, S.M.** 2016 "Silence of the song dogs". Invited panelist and presentation. Calgary, City of Animals. Hosted by Calgary Institute for the Humanities, April 29, Calgary, AB.
14. **Alexander, S. M.** 2015. "Re-consilience: lessons from coyote". Second Conference for Compassionate Conservation. July 28-31, Vancouver, BC.
15. Lukasik V.M. and **S.M. Alexander**. 2015. "Carnivore management in western-Canada: perceptions of a lethal management paradigm." ICCB: 27th International Congress for Conservation Biology, 4th European Congress for Conservation Biology. August 2-6, Montpellier, France.
16. Lukasik, V.M. and **S. M. Alexander**. 2015. "The big bad wolf: wolves in pop culture." Calgary Comic and Entertainment Expo. April 26-28, Calgary, AB.
17. van Stam, E. and **S.M. Alexander**. 2014. "Human infrastructure effects on painted dogs (*Lycaon pictus*) in Zimbabwe." Global Development Symposium. May 4-7, Guelph, ON.
18. Lukasik, V.M. and **S. M. Alexander**. 2014. "The big bad wolf: wolves in pop culture." Calgary Comic and Entertainment Expo. April 25-27, Calgary, AB.
19. Murray, M., A. Cembrowski, V. Lukasik, **S.M. Alexander**, D. Latham, and C.C. St. Clair. 2013. "Changes in coyote diet over a province-wide gradient of urbanization." Canadian Section of the Wildlife Society Annual Conference. March, Edmonton, AB.
20. **Alexander, S.M.** 2012. "Coexisting with coyotes." Invited speaker and abstract at the Living with Wildlife Conference. Hosted by the Association for the Protection of Fur-Bearing Animals. September 28-30, Toronto, ON.
21. **Alexander, S.M.** 2012. "Conservation GIS: extending the North American example to conservation of painted dogs in the KAZA Trans-Frontier Conservation Area." KAZA Symposium. Hosted by WWF and KAZA Secretariat. May 14-19, Caprivi Strip, Namibia.
22. Lukasik, V.M. and **S.M. Alexander**. 2012. "Challenges to coexistence with urban coyotes: A spatial-temporal analysis of diet and human-coyote interactions in Calgary, Alberta." Proceedings of the Columbia Mountain Institute of Applied Ecology Conference - Urban Wildlife: Challenges and Management. April 18-19, Cranbrook, BC.
23. Moehrenschlager, A., C. Moehrenschlager, **S.M. Alexander**, C. Cullingham, D. Gummer, and P. Fargey. 2012. "30 Years after the Reintroduction Began: Demographics, Habitat Use, and Genetics of Swift Foxes in Canada and Northern Montana." June, Grasslands National Park, AB.
24. Bricchieri-Colombi, T. and **S.M. Alexander**. 2011. "Integrating cameras and tracking to examine wildlife road avoidance along a Mexican highway." Annual Meeting of the Society for Conservation Biology. December 5-11. Auckland, New Zealand.
25. **Alexander, S.M.** 2011. "Urban coyotes in Canada." Invited abstract, paper, keynote and panel speaker. 5th Annual Canid Symposium, Wolf and Co. October 28-30, Numbrecht, Germany.
26. **Alexander, S.M.** and M.S. Quinn. 2010. "Portrayal of coyote-human interactions in the popular media." The Pathways to Success: Integrating Human Dimensions into Fish and Wildlife Management Conference. September 28-30, Estes Park, CO.
27. Quinn, M.S. and **S.M. Alexander**. 2010. "Ranching and carnivores in the Waterton Biosphere Reserve, Alberta, Canada: A survey of landowners." The Pathways to Success: Integrating Human Dimensions into Fish and Wildlife Management Conference. September 28-30, Estes Park, CO.
28. Massolo, A., T. Wyman, S. Kutz, **S.M. Alexander**, A. Veitch, and B. Elkin. 2010. "Modelling Winter Tick *Dermacentor albipictus* distribution in the Northwest Territories, Canada: projected climate

- change affects the infestation risk on barren ground caribou populations.” International Polar Year Oslo Science Conference. June 8-12. Oslo, Norway.
29. Watts, A. G. and **S.M. Alexander**. 2010. “Comparing urban and rural parasitism of coyote scat in Calgary, Alberta.” Paper. Alberta Chapter of the Wildlife Society Conference. March 15-16. Red Deer, AB.
 30. Lukasik, V.M. and **S.M. Alexander**. 2009. “A spatial-temporal analysis of coyote diet and human-coyote interactions, with a focus on urban greenspaces in Calgary, Alberta.” Carnivores 2009, Carnivore Conservation in a Changing World. November 15-18, Estes Park, CO.
 31. Lukasik, V.M. and **S.M. Alexander**. 2008. “Human-coyote conflict and coyote diet in Calgary's urban parks.” Presented at the Pathways to Success Conference: Integrating Human Dimensions into Fish and Wildlife Management. September 27-30, Estes Park, CO.
 32. Brichieri-Colombi, T. and **S.M. Alexander**. 2008. “Integrating systematic sampling and community maps to examine the distribution of wildlife relative to a highway in the Calakmul region, Mexico.” Pathways to Success: Integrating Human Dimensions into Fisheries and Wildlife Management. September 27-30, Estes Park, CO.
 33. **S.M. Alexander** and M.S. Quinn. 2008. “Perceptions surrounding coyote conflict in urban greenspaces: preliminary results from a media content analysis.” Presented at the Canadian Parks for Tomorrow: 40th Anniversary Conference. July, Calgary, AB.
 34. Lukasik, V.M. and **S.M. Alexander**. 2008. “Urban coyote diet and conflict in urban parks in Calgary, Alberta.” Presented at the Canadian Parks for Tomorrow: 4^{0th} Anniversary Conference. July, Calgary, AB.
 35. Lukasik, V. and **S.M. Alexander**. 2007. “Urban coyote diet and conflict in Calgary, Alberta: initial results and potential management implications.” 14th Annual Conference of the Wildlife Society. September 22-26, Tucson, AZ.
 36. **Alexander, S.M.**, T. Lee, and M.S. Quinn. 2007. “Using non-invasive field methods and GIS to model wildlife-highway crossing zones.” GeoTec Event 2007. May 7-10, Calgary, AB.
 37. Moehrenschrager, A., **S.M. Alexander**, C. Moehrenschrager, and T. Brichieri-Colombi. 2007. “Demographics and habitat use of reintroduced swift foxes (*Vulpes velox*) in Canada and Northern Montana.” Sixth International Science and the Management of Protected Areas (SAMPAA) Conference, May 21-26. Wolfville, NS.
 38. Lukasik, V. and **S.M. Alexander**. 2007. “Urban coyote diet and conflict: initial findings and potential Implications.” Canadian Society of Zoologists Annual Meeting. May 21-25, Montreal, QC.
 39. Heck, N. Quinn, M.S., **S.M. Alexander**, G. Chernoff, and J. Rasmussen. 2007. “Spatial ecological analysis and risk modeling of bird collisions with electrical power transmission lines in Alberta.” The Western Section of the Wildlife Society Conference: *Thinking like a Mountain: Wildlife Management and Conservation at a Landscape Level*. Jan 30-Feb 1, Monterey, CA.
 40. Lukasik, V. and **S.M. Alexander**. 2007. “Urban coyote diet and conflict: what we know and where we're going.” Alberta Chapter of the Wildlife Society 2007 Annual Conference. March 18-21, Canmore, AB.
 41. McNeil, K. and **S.M. Alexander**. 2007. “Spatial relationships amongst Canadian lynx, snowshoe hare, and coyote in the Canadian Rocky Mountains.” Alberta Chapter of the Wildlife Society 2007 Annual Conference. March 18-21, Canmore, AB.

42. **Alexander, S.M.** 2007. "Statistical approaches to examining wildlife-habitat relationships in the Rocky Mountains of Alberta, Canada." Interagency conference on GIS applications for the Candelaria Basin. February 19-23, Campeche, Mexico.
43. **Alexander, S.M.** 2007. "Case studies: GIS and wildlife in western Canada." Interagency conference on GIS applications for the Candelaria Basin. February 19-23, Campeche, Mexico.
44. **Alexander, S.M.**, P.C. Paquet, and T.B. Logan. 2006. "Co-occurrence of cougars (*Felis concolor*), wolves (*Canis lupus*) and their prey in the Canadian Rocky Mountains." Carnivores 2006: Habitats, Challenges and Opportunities. November 10-15, St. Petersburg, FL.
45. McNeil, K., and **S.M. Alexander**. 2006. "Habitat suitability models: determining probability of Canadian lynx presence in the Canadian Rocky Mountains." Carnivores 2006: Habitats, Challenges and Opportunities. November 10-15, St. Petersburg, FL.
46. Bricheiri-Colombi, T., P.A. Leighton, **S.M. Alexander** and D.D. Kramer. 2006. "Spatio-temporal co-occurrences and den use in female small Asian mongoose home ranges." Carnivores 2006: Habitats, Challenges and Opportunities. November 10-15, St. Petersburg, FL.
47. Rozalska, K.N., C.T. Darimont, P.C. Paquet, and **S.M. Alexander**. 2006. "Selection of gray wolf (*Canis lupus*) homesites on the central coast of British Columbia." Carnivores 2006: Habitats, Challenges and Opportunities. November 10-15, St. Petersburg, FL.
48. Lukasik, V., T. Stephens, and **S.M. Alexander**. 2006. "Examining the effects of data sources on the prediction of highway crossings for coyotes (*Canis latrans*) in the Canadian Rocky Mountains." Carnivores 2006: Habitats, Challenges and Opportunities. November 10-15, St. Petersburg, FL.
49. **Alexander, S.M.**, J.A. Benitez, and T. Bricheiri-Colombi. 2006. "Deforestation in the Candelaria Watershed, Mexico: a collaborative Initiative." CALACs 2006 Conference. September 28-31, University of Calgary, AB.
50. Krochko, N., M.S. Quinn, **S.M. Alexander**, J. Rasmussen, and G. Chernoff. 2006. "Spatial ecological analysis and risk modeling of bird collisions with electrical power transmission lines in Alberta." Organization of Wildlife Planners 2006 Annual Conference and Meeting: Planning for Wildlife Conservation in Cultural Landscapes. May 14-17, Canmore, AB.
51. **Alexander, S.M.** and J.A. Benitez. 2006. "Forest loss and water quality in the Candelaria Watershed and Gulf of Mexico." International Association of Landscape Ecologists. March 10-14, San Diego, CA.
52. **Alexander, S.M.**, P.C. Paquet, M.S. Quinn, P.L. Swan, E.L. Navid, and C.T. Darimont. 2006. "Relating island biogeography, landscape structure and marine resources to the distribution, ecology and population structure of coastal gray wolves (*Canis lupus*) in British Columbia, Canada." International Association of Landscape Ecologists. March 10-14, San Diego, CA.
53. **Alexander, S. M.** and D.C. Duro. 2005. "Habitat fragmentation and water quality in the Candelaria watershed, Mexico." Congreso Internacional Sobre Agua en la Frontera Mexico-Guatemala-Belice. May 10-13, Universidad Autonoma de Campeche, Campeche, Mexico.
54. Duro, D.C. and **S.M. Alexander**. 2005. "Geostatistical modeling of chlorophyll *a* concentrations using modis imagery: a test case study of the Terminos Lagoon, Mexico." Congreso Internacional Sobre Agua en la Frontera Mexico-Guatemala-Belice. May 10-13, Universidad Autonoma de Campeche, Campeche, Mexico.
55. Bricheiri-Colombi, T.A, P. Leighton, **S.M. Alexander**, and D.L. Kramer. 2005. "Nocturnal shelter use and home range in the small Indian mongoose." SQÉBC. November, Montreal, QC.

56. **Alexander, S.M.** and J.A. Benitez. 2005. A GIS Analysis of Watershed Change in the Candelaria River Basin, Mexico. Association of Universities and Colleges of Canada, North-South Collaboration Colloquium. July 2005, Ottawa, ON. (8pp).
57. Etherington, T.R. and **S.M. Alexander**. 2005. "The effect of framing bias on resource selection models for grizzly bears (*Ursus arctos horribilis* hord) in Kananaskis Country, Alberta." Annual Meetings. Royal Geographic Society of England. July, London, UK.
58. **Alexander, S.M.** and P.C. Paquet. 2004. "Scale dependent habitat associations within and amongst carnivores and prey in the Canadian Rocky Mountains." Defenders of Wildlife, Carnivores 2004 Conference. November, 2004, Santa Fe, NM.
59. **Alexander, S.M.**, P.C. Paquet, and N.M. Waters. 2004. "Carnivores, roads and habitat permeability in the Canadian Rocky Mountains: a community level study." Defenders of Wildlife, Carnivores 2004 Conference. November, Santa Fe, NM.
60. Etherington, T.R. and **S.M. Alexander**. 2004. "Comparing alternative representations of available habitat and framing bias in resource selection models." Defenders of Wildlife, Carnivores 2004 Conference. November, Santa Fe, NM.
61. Swan, P.L., **S.M. Alexander**, P.C. Paquet, and C.T. Darimont. 2004. "Modelling gray wolf (*Canis lupus*) distribution and resource selection in coastal temperate rainforests of British Columbia, Canada," Defenders of Wildlife, Carnivores 2004 Conference. November, Santa Fe, NM.
62. Kang, H. and **S.M. Alexander**. 2004. "Using logistic regression to predict lynx occurrence in Banff National Park, Alberta." Proceedings e Canadian Association of Geographers Conference, July, Ottawa, ON. .
63. Muhly, T., C.C. Gates, C. Callaghan, **S.M. Alexander**, C. Mamo, and M. Musiani. 2004. "Modeling risk of livestock to depredation by wolves in southwestern Alberta." Wildlife Society Conference. September, Calgary, AB.
64. Swan, P.L., **S.M. Alexander**, P.C. Paquet, and C.T. Darimont. 2003. "Focal species, biodiversity and island biogeography on the central coast of British Columbia, Canada: a GIS approach." Coastal-GIS Conference. October, Geneva, Switzerland.
65. **Alexander, S.M.** 2003. "Wolves (*Canis lupus*) and roads: barrier effects and scale dependent habitat associations." World Wolf Congress. September, Banff, AB.
66. Etherington, T.R. and **S.M. Alexander**. 2003. "Framing bias and resource selection models for gray wolves (*Canis lupus*) in Canada." World Wolf Congress. September, Banff, AB.
67. Muhly, T., T.C. Callaghan **S.M. Alexander**, C. Mamo, C.C. Gates, and M. Musiani. 2003. "Predicting risk of livestock depredation by wolves in southwestern Alberta." World Wolf Congress. September, Banff, AB.
68. **Alexander, S.M.**, C.T. Darimont, P.C. Paquet, and P.L. Swan. 2003. "The influence of natural landscape fragmentation and resource availability on connectivity and distribution of marine gray wolf (*Canis lupus*) populations on central coast, BC." Society of Conservation Biology Conference Proceedings. June 29, Deluth, MN.
69. **Alexander, S.M.** and N.M. Waters. 2003. "Modelling wildlife movement and planning mitigation in highway transportation corridors." The 4th International Ecological Modelling Conference. September, Banff, AB.
70. Logan, T., **S.M. Alexander**, D.J. Saher, and P.C. Paquet. 2003. "A comparison of track transect versus telemetry data in the development of resource selection functions for wolves in Kananaskis Country, Alberta." International Wolf Conference. Defenders of Wildlife. April, Chico, WY.

71. **Alexander, S.M.**, P.C. Paquet, N.M. Waters, R.F Noss, and C. Carroll. 2000. "A decision support system for selecting optimal focal species." 14th Annual Meeting of the Society of Conservation Biology Proceedings. June, Missoula, MT.
72. **Alexander, S.M.** and N.M. Waters. 1999. "Decision support methods for assessing placement and efficacy of road crossing structures for wildlife." The Third International Conference on Wildlife Ecology and Transportation Proceedings. September, Missoula, MT. Pg 237-246
73. **Alexander, S.M.** and N.M. Waters. 1999. "Sensitivity of predictive wolf movement models." GIS '99, Geosolutions: Integrating our World. The Thirteenth Annual GIS World 1999 Conference Proceedings. March 1-4, Vancouver, BC. Pg 165-168.
74. **Alexander, S.M.**, P.C. Paquet, and N.M. Waters. 1997. "Playing god with GIS: uncertainty in wolf habitat suitability models." GIS '97 Integrating Spatial Information Technology for Tomorrow. Eleventh Annual GIS World Conference Proceedings. February 17-20, Vancouver, BC. Pg 449-453.
75. **Alexander, S.M.** and N.M. Waters. 1996a. "A GIS-based decision support model for resolving land use conflicts." Caring for Home Place - Landscape Ecology Conference Proceedings. CSLEM, University of Saskatchewan. September 29-Oct. 1, Regina, SK. Pg. 159-173.
76. **Alexander, S.M.** and N.M. Waters. 1996b. "Decision support methods for resolving land use conflicts." GIS-LIS 1996 Annual Conference and Exposition Proceedings. November 19-21, 1996. Denver, CO. Pg. 1152-1168
77. **Alexander, S.M.**, C. Callaghan, P.C. Paquet, and N.M. Waters. 1996. "GIS predictive models of habitat use by wolves (*Canis lupus*)." GIS '96: Ten Years of Excellence, GIS World 1996 Conference Proceedings. March 17-20, Vancouver, BC.

Webinar and Podcasts (3)

1. **Alexander, S.M.** 2017. Coyotes at the Interface. Furbearer Defenders Conference. Oct 24-26. 40 min presentation – Q/A.
2. **Alexander, S.M.** 2017. Coyote Co-existence. Defender Radio, Episode 432. 1 hour Podcast. Interview with M. Howie. <http://thefurbearers.com/blog/episode-432-questioning-coyote-conversations>
3. **Alexander, S.M.** 2016. Coyote the Bountiful. Compassionate Conservation Week. Hosted by Furbearers Canada. On-line conference. <http://thefurbearers.com/blog/register-now-compassionate-conservation-week>

Conference Posters (9)

1. Lukasik, V.M. and **S. M. Alexander**. 2014. "Historic and current carnivore management practices in the Canadian west: influences of tradition, values, perceptions and a deadly management paradigm." Global Development Symposium. May 4-7. Guelph, ON.
2. Lantz, J. and **S.M. Alexander**. 2014. "Interactions amongst humans, domestic dogs (*Canis familiaris*), livestock and coyotes (*Canis latrans*) on Glenbow Ranch Provincial Park, Alberta." Global Development Symposium. May 4-7. Guelph, ON.
3. Watts, A. G., **S.M. Alexander**, Kutz, S. Massolo, A. 2010. "Comparing urban and rural parasitism of coyote scat in Calgary, Alberta." Poster. *Wildlife Disease Association 2010 International Conference*. June, Puerto Iguazu, Argentina.

4. Lukasik, V.M. and **S.M. Alexander**. 2007. "Urban coyote diet and conflict in Calgary, Alberta: initial results and potential management implications." Poster presented at the 14th Annual Conference of the Wildlife Society. June, Tucson, AZ.
5. Swan, P.L. and **S.M. Alexander**. 2003. "Influence of alternate sets of pseudo-absence points on resource selection models for wolves (*Canis lupus*)." World Wolf Congress. September, Banff, AB.
6. **Alexander, S.M.**, M.S.M. Pavelka, and N.H. Bywater. 2003. "Cumulative effects of hurricane Iris (2001) on howler monkey (*Alouatta pigra*) habitat connectivity in Belize." Annual International Primatology Association Conference. July 20, Calgary, AB.
7. **Alexander, S.M.**, D.L. Duke, and P.C. Paquet. 2003. "Modelling carnivore habitat-use, travel patterns and human activity around the Town of Canmore, Alberta." University of Calgary, Calgary, AB.
8. **Alexander, S.M.**, D.L. Duke, and P.C. Paquet. 2003. "Modelling carnivore habitat-use, travel patterns and human activity around the Town of Canmore, Alberta." Y2Y: Making the Links. April 8-10, Calgary, AB.
9. **Alexander, S.M.**, J. Cook, J. Ryon, and B. Blacklock. 1992. "A non-lethal deterrent for livestock predation by coyotes and wolves." Poster presentation, International Wolf Symposium, August Edmonton, AB.

Technical Reports (9)

1. Quinn, M.S. and **S.M. Alexander**. 2011. "Carnivores and communities in the Waterton Biosphere Reserve." Prepared for the Chinook Land Users Association, the Waterton Biosphere Reserve Association, and Miistakis Institute for the Rockies. 32p.
2. Moehrenschrager, A., **S.M. Alexander**, and T. Brichtieri-Colombi. 2007. "Habitat suitability and population viability analysis for reintroduced swift foxes in Canada and Northern Montana." Centre for Conservation Research Report No. 2. Calgary, Alberta, Canada. 30p.
3. Kennett, S., **S.M. Alexander**, D.L. Duke, M.M.P. Ross, M.S. Quinn, B. Stelfox, M.E. Tyler, and N. Vlavianos. 2006. "Managing Alberta energies futures at the landscape scale." Institute for Sustainable Economy, Energy and Environment, University of Calgary, Alberta. 101p.
4. **Alexander, S.M.** and J.A. Gailus. 2005. "A GIS based approach to restoring connectivity across the Trans-Canada Highway in Banff National Park." Report for Yellowstone to Yukon Initiative, Canmore, Alberta. 24p.
5. **Alexander, S.M.**, D.L. Duke, and P.C. Paquet. 2002. "Wildlife movement corridors around the mountain town of Canmore, Alberta." Research report funded by Wilburforce Science Initiative. 51p.
6. Noss, R.F., C. Carrol, P.C. Paquet, and **S.M. Alexander**. 2001. "A conservation biology primer for the BC Coast, Canada." Sierra Club, Canada.
7. **Alexander, S.M.** 1994a. "An assessment of snow-compaction effects on sub-nivean habitat and small mammals in the Visitor Centre meadow, Peter Lougheed Provincial Park (PLPP)." Report compiled for Alberta Environmental Protection, Kananaskis West District (KWD), Environmental Programs.
8. **Alexander, S.M.** 1994b. "An ecological review of the PLPP boundary and Kananaskis Country zoning system in relation to Special Places 2000." Report compiled for Alberta Environmental Protection, KWD, Environmental Programs.

9. **Alexander, S.M.**, R. Wedgewood, and P.C. Paquet. 1992. "Background report for the carnivore conservation strategy workshop, organized by S. Alexander and P. Paquet for World Wildlife Fund. Banff, AB.

4) FELLOWSHIPS, GRANTS, FUNDING AND CONTRACTS

External Research Funding 2001-2017 (\$365,673 cash & \$331,000 cash equivalent)

Apr. 2015	\$111, 264.00 - SSHRC Insight Development Grant – Human-Coyote Relationships in the Foothills Parklands of Alberta – Foothills Coyote Initiative (2015-2020). www.ucalgary.ca/canid-lab
Jan. 2014	\$5,000 - ACA Biodiversity grant – Coyote and Human Interactions on Glenbow Ranch Provincial Park – (MSc. student research funding – I designed/edited proposal)
Nov. 2012	Cash Equivalent - Planet Action Grant – ArcGIS license and software for Zimbabwe Painted Dog research collaborator to use in situ and Calgary. (est. \$25,000)
Nov. 2012	Cash Equivalent - Planet Action Grant – Spot Imagery (Remotely Sensed imagery) of Zimbabwe Painted Dog research collaboration study area. (est \$250,000)
Jan. 2013	\$6,730 - ACA Biodiversity Grant – Carnivore Management in Canada – (PhD student research funding)
Feb. 2010 -	\$30,000 - Calgary Foundation - Living with Coyotes Project (with Miistakis Institute)
Feb. 2010 -	\$5,000 - Dunlop Foundation - Living with Coyotes Project (with Miistakis Institute)
Feb. 2010 -	\$10,000 - TD Environment Fund - Living with Coyotes Project (with Miistakis Institute)
Feb. 2010 -	\$10,000 - Shell Canada Environment Fund - Living with Coyotes Project (with Miistakis Institute)
Mar. 2010 -	\$8,529 - ACA Biodiversity Grant – Calgary Coyote Project (MSc. student funding)
Jan. 2009 -	\$30,000 - Waterton Biosphere Reserve, Carnivore-Human Dimensions Research and Technical Report (with Miistakis, Dr. M. Quinn as primary).
Mar. 2008 -	\$8,000- Government of Canada, Grasslands National Park for Swift Fox Recovery GIS model extension to AB (contact Pat Fargy, GNP)
Jan. 2009	\$10,000 - University of Campeche, EPOMEX - support purchasing 15 additional remote triggered cameras for collaborative research on highway fragmentation in Calakmul, MX (contact Dr. Jorge Benitez)
Jan. 2009 -	\$7,500 – University of Campeche, EPOMEX - student stipend (\$500/month @ 6 mth) gas, accommodation field site, field assistant stipend (\$4,500.00) & Cash Equivalent \$4,000 office space, computer, web-access, cell-phone (contact Dr. Jorge Benitez)
Mar. 2008	\$7,000 – University of Campeche, EPOMEX - purchase of vehicle for collaborative research in Calakmul
Jan. 2008 -	\$7,500 – University of Campeche, EPOMEX - student stipend (\$500/month @ 6 mth)

	gas, accommodation field site, field assistant stipend (\$4,500.00) & Cash Equivalent \$4,000 - office space, computer, web-access, cell-phone
Mar. 2007	\$14,000 (USD) - Wildlife Conservation Society – carnivore highway research in MX
June 2006 -	\$22,000 - Government of Canada, Species at Risk Program for Grassland National Park - research assistant supervised by Dr. Alexander, Swift Fox Recovery program. (employed 1 student 8 months, plus equipment)
Dec 2006	\$10,000 - City of Calgary - Calgary Urban Coyote Project (diet, ecology and conflict)
June 2006 -	\$6,500 – AUCC/IDRC International Resident Fellowship - Fragmentation Research in Campeche State, MX, collaborator Dr. Jorge Benitez, University of Campeche.
Nov 2004 -	Cash Equivalent - housing, vehicle and gas for MSc. field research, Jay Doyle, MSc student. Alberta Natural Resources, Canmore. (est.\$7,000)
Aug. 2004 -	\$4,000 - Campeche University, EPOMEX - Direct project support – lodging, food, field research transport, 10 days @ 2 persons. (contact Dr. Jorge Benitez)
July. 2004 -	Cash-equivalent - Raincoast Society of British Columbia – Predicting Coastal Gray Wolf Resource Selection (boat, gas, accommodation, food, field supplies for 1 student) Contact P. Paquet (ppaquet@baudoux.ca) (est. \$5,000)
April 2004-	\$5,000 (USD) Wilburforce Science Award - Resource Selection Model for Coastal Wolves in British Columbia
Feb. 2004 -	\$3,000 plus Cash Equivalent- Yellowstone to Yukon (Y2Y) Initiative - Examining the Cost Effectiveness of Alternative Highway Mitigation Strategies (est. \$2,000 in kind)
Jan 2004 -	\$9,750 - Calgary Zoo Conservation Science Centre - Full-time staff support on collaborative Swift-fox Resource Selection Modelling – tech. rep. (contact Pat Fargy)
Jan 2003 -	Cash Equivalent - Alberta Environment - Movement Patterns of Grizzly Bears in the Evan Thomas Valley - for housing, vehicle and gas for MSc. student (est. \$7,000)
Sept. 2002 -	Cash Equivalent - Raincoast Society of British Columbia – Spatial Analysis of Coastal Wolf habitat (Contact Dr. P. Paquet – ppaquet@baudoux.ca) (est. \$27,000)
Sept. 2002 -	\$12,500 – Government of Canada - Grasslands National Park - Swift fox Resource Selection Modelling in Southeastern AB, Southwestern-SK and Montana – for Swift-fox resource modeling technical report (contact Pat Fargy GNP)
May 2001	\$22,400 - Wilburforce Science Foundation - Modelling Carnivore Movement Patterns around the Town of Canmore, Alberta – tech. rep. with Duke and Paquet

Internal University Research Funding (total \$30,819)

July 2006	UIGC (International Programs UofC) Faculty Grant \$4,200 - Transboundary GIS initiative – Campeche and Calgary.
July 2001	University of Calgary, Research Excellence Envelope, \$15,000, research start up
Oct 2006	URGC Faculty Travel Grant \$1,619 for International Conference
Jan. 2001 – Sept. 2002	URGC Faculty Research Starter Grant \$10,000 for studying hurricane effects on howler monkeys in Southern Belize. Collaborative with Dr. Pavelka, Anthropology

NSERC Funded Graduate Students

2013-15 Lantz, Jamie. Human-Coyote-Dog interactions in Protected Areas near Calgary, Alberta

- 2009-12 Watts, Alexander. Urban versus Rural Coyote Parasite Evaluation, Calgary, Alberta
 2007-09 Lukasik, Victoria. Urban Coyote Diet in Calgary, Alberta

SSHRC Funded Graduate Students

- 2018-20 Cassavant, Bryce (PhD Candidate). Carnivore management discourse analysis.
 Royal Roads University, BC
 2013-15 Lukasik, Victoria (PhD). Carnivore Management in Canada: Attitudes, Values, Perceptions

Other International Funded Graduate Students

- 2004-06 Doyle, Jay. MSc. Geography. Movement Patterns of Carnivores around Lefarge Property, Exshaw, Alberta. United Kingdom, Canadian Commonwealth Scholarship, \$48,000.
 2003-05 Etherington, Thomas. MSc. Geography. Spatial Analysis of Grizzly Bear Movement in the Evan Thomas Creek, Kananaskis Country, Alberta. Canadian Commonwealth Scholarship, \$48,000.

5) SERVICE

University

- 2020- Calgary Institute for Humanities, Board Member
 2019- SENATE – Elected Community member to Senate
 2019- Mace Bearer, Convocation, FOA June, 9am ceremony.
 2018-2019 GFC- Graduate Academic Programs Committee
 2017- Mace Bearer, Convocation, FOA June, 9am ceremony.
 2016- SENATE – Representative for Faculty of Arts: Appointed July 2016, renewal July 2017
 2016-2018 Advisory Council – College of Discovery, Creativity and Innovation
 2014- GFC - Representative for Faculty of Arts: Elected June 2014, June 2017
 2014- 2015 URGC Grants Review Committee
 2013-2104 TUCFA, Geography Representative

Faculty of Arts

- 2012-2016 Faculty of Arts Executive: Nominations Sub-Committee Chair (ongoing 2013-present)
 2012-2016 Faculty of Arts Executive Committee Member
 2013 AARC – Annual Academic Review Committee Member: FOA Promotions June 2013
 2011 Faculty of SS Executive: Nominations Sub-Committee Chair (absent Jan-July 2012)
 2011 Faculty of SS Executive Committee Member (absent during sabbatical Jan-July 2012)
 2005 Faculty External Representative, Anthropology Hiring Committee, Asst. Prof. Position
 2003 Student Appeals Committee Member (6 month term)

Department of Geography

- 2018 Acting Dept. Head (Jan 1-10)
 2017 Acting Dept. Head (June 1-4)
 2016 Acting Dept. Head (Jan 26-27)
 2013 Member, Geography Department Conference Organizing Committee (Jan-Mar 2013)

2012	Acting Dept. Head (Aug 2-10)
2009	Acting Dept. Head, Geography (June 16-July 1)
2008-2010	Graduate Seminar Series Coordinator, Geography
2001-2009	Member, MGIS Graduate Selection Committee, Geography
2005	Acting Director, MGIS Program, Geography (June)
2004-2007	Member, Graduate Student Intake Review Committee, Geography
2004-2007	Member, Public Relations Committee, Geography
2004-2007	Member, Events Planning Committee, Geography
2001-2009	Member, MGIS Steering Committee, Geography
2002-2003	Coordinator of Departmental Seminar Series, Geography
2001-2002	Coordinator of Departmental Seminar Series, Geography

6) GRADUATE SUPERVISION (2001-present)

Current Supervision

Faculty of Arts

Department of Geography – PhD

2017- Rajdev, Vinay. Food-security for the Maasai in Tanzania: A mixed methods study.

Department of Geography – MSc./MGIS

2019- Greer, Chelsea – Rewilding Asian Elephants in Thailand

2019- Boesel, Alexa – Critical Geography, Gender and Coyote Killing

2019 - Dickson, Amanda – Mixed Methods and Foothills Coyotes: Killing Paradigms

2015- Reid, Jay – Mixed Methods analysis of Experiences with Coyotes in Foothills Region

Graduates Supervised (Completed Program)

Faculty of Arts

Department of Geography – PhD

2019 Plotsky, Kyle. Effectiveness of Coyote Hazing in North America

2018 Lukasik, Victoria. Attitudes and Values towards Management of Carnivores in Canada

2012 Brichieri-Colombi, T. Effects of Highway Development on Felids in the Calakmul, MX

Royal Roads University, BC - PhD

2020 Cassavant, Bryce – Discourse, disconnects in science and management of carnivores in BC

Department of Geography – MSc.

2016 Lantz, Jamie. MSc. Human-Coyote interactions on the Glenbow Ranch Provincial Park.

2011 Fortin-McCuaig, M. Urban vs. Rural Diet in Coyotes, Calgary

2011 Watts, A. Urban vs. Rural Parasite Risk in Coyotes, Calgary

2009 Lukasik, V. Coyote Diet Ecology in Calgary, Alberta

- 2007 Rozalska, K. Effects of Future Management Plan Scenarios on Focal Carnivore Habitat Potential in the Great Bear Rainforest, British Columbia
- 2005 Etherington, T. Multi-Carnivore Habitat Use and Movement within Evan Thomas Valley, Kananaskis Country, Alberta.
- 2005 Swan, P. Spatial Analysis of Resource Selection by Wolves on the Central Coast of BC.

Department of Geography – Master’s of GIS

- 2017 Onjaiko, Nicholas – Spatial Analysis of Citizen Science Reports of Coyote Sightings
- 2017 Tareen, Shazad. MGIS. Distributed GIS in Community Development (2009-)
- 2016 van Stam, Elizabeth. MGIS. Painted Dog Habitat Selection in Zimbabwe
- 2016 Olaya Neito, Francisca. MGIS. (on leave) Evaluation of Waterfowl Habitat using GIS (2009)
- 2016 Illyas, Yassir. MGIS. A Citizen Science Web-GIS for Painted Dogs in Zimbabwe
- 2014 Hoyles, V. MGIS, Spatial Epidemiology and Caribou in the NWT
- 2009 Chung, T. MGIS. Scale Effects on Carnivore Habitat Associations.
- 2009 Akpanekong, A. MGIS. Soil Loss Erosion and Flood Risk for the Elbow River, Calgary
- 2007 Marjerrison, A. MGIS. Predicting Effects of Mining Operations on Predatory Bird Nesting
- 2007 McNeil, K. MGIS. Lynx and Coyote Co-occurrence in Banff National Park
- 2007 Walker, A., MGIS. Trans-Canada Highway Wildlife Mitigation: Model Comparisons
- 2006 Bhopal-Kaushal, R., MGIS. Spatial Analytical Frame and Cougar Resource Selection
- 2006 Brichieri-Colombi, T. MGIS. Densite Use by Female Mongoose in Barbados
- 2006 Aryol, S. MGIS. Using Spatial DSS to Identify Optimal Sites for Locating School Facilities in the Kathmandu Valley of Nepal
- 2006 Duro, D. MGIS. Fragmentation and Jaguar Habitat in Candelaria River Basin, MX
- 2006 Li, Z. MGIS. Large Carnivore Environmental Relationships in the Central Rockies
- 2006 Mardon, C. MGIS. Baseline Assessment of Habitat Potential on the Outer Islands of the British Columbia Coastal Archipelago
- 2006 Quintero-Perez, J. MGIS. Resource Selection by Hawks in Mexico.
- 2005 Luinstra, M., MGIS. Changes in Spatial Configuration and Composition of Howler Monkey Home Ranges after a Major Hurricane Event, Monkey River, Belize.
- 2004 Kang, H., MGIS. Remote Sensing Classification Procedures and Effects on Lynx Habitat Selection Models.
- 2004 Farries, N., MGIS. Using Cellular Automata to Model the Spread of Pine Bark Beetle.
- 2004 Rodriguez, A. MGIS. An ArcGIS Based Spatial Decision Support System for Natural Resource Management.
- 2004 Bywater, N., MGIS. The Effects of Hurricane Iris (2001) on Howler Monkey Habitat Fragmentation Effects in Monkey River, Belize.
- 2004 Jordan, C., MGIS. Selective Updating Using ArcObjects.
- 2004 Mukherjee, R., MGIS. Spatial Analysis of Meso-Carnivores and Prey in Rockies
- 2004 Sobota, B. MGIS. Implications of Varying Scale on Logistic Regression Output for GIS
- 2003 Logan, T.B., MGIS. Cougar (*Felis concolor*) – Environment Relationships

Undergraduate Honours (Geography)

- 2017 Meghan Rychyk Applied Ecology Capstone Course. Citizen Science and Coyote Conflict in Calgary

- 2015 Carleson, Kirstine. Honors Undergraduate. Spatial Analysis of Citizen Science Data for Coyotes in Calgary (2008-2013)
- 2015 Shannon Jones. Honors Undergraduate. Portrayal of coyotes by Citizen Science Data (2008-2014)
- 2007 Kingsman, K. Honors Undergraduate. Comparing Two GIS Techniques to Model Marten (*Martes Americana*) habitat in the Canadian Rocky Mountains.
- 2004 Carli, C. Honors Undergraduate. Modelling Grey Wolf (*Canis lupus*) Resource Selection in the Central Canadian Rockies, an Information Theoretic Approach

Graduates Committee Member/Examiner

Faculty of Arts

Department of Geography — Ph.D.

- 2017 Whyte, G. Framework for Evaluating Risk and Remediation of Contaminated Dump Sites
- 2015 Kincaid, A. Attitudes and Values of Free Roaming Horses in Alberta
- 2007 Lieski, D. Comparing Analytical Methods in Resource Selection Modelling

Department of Geography — MSc. MA, and MGIS Comprehensive Exams

- 2013 Reikie, R. MGIS.
- 2013 Saeed, H. MGIS.
- 2010 Lee, J. MGIS.
- 2010 Wei, W. MGIS.
- 2008 Li, M. MGIS.
- 2007 Peters, Chris. MGIS.
- 2007 Yang, Guan. MGIS.
- 2007 Meng, Y. MGIS.
- 2006 McKenzie, B. MGIS.
- 2006 Liang, W. MGIS.
- 2006 Knaga, P. MGIS.
- 2005 Shukster, I. MGIS.
- 2005 Carra, B. MGIS.
- 2005 Law, T. MGIS. Sensitivity of Manning's H in HEC-RAS Flood Modelling
- 2005 Behre, T. MGIS. GIS and Remote Sensing Applications in Decision Support
- 2004 Chen, H. MGIS. Mining GIS Applications
- 2003 Podgurny, E. MGIS. Resource Selection of Kangaroo Rats, Suffield Military Base
- 2003 Lovecchio, J. MGIS. Wind Power Generation for Ski Resorts in Banff National Park
- 2003 Proudfoot, W. MGIS. Evaluation of eCognition for the Extractions of Wetland and Drainage Features.
- 2003 Schwab, B. MSc. Graph Theoretic Methods for Examining Landscape Connectivity and Spatial Movement Patterns: Application to the FMF Grizzly Bear Research Project.
- 2003 Tooth, G. MGIS. Use of Multi-spectral Remote Sensing to Quantify Corral Reef Damage.
- 2002 Komierowski, M. MGIS. Using GIS to Identify Wind Erosion Risk
- 2002 Lee, J. MGIS. Simulation Model of Animal Movement
- 2002 Poon, A. MGIS. An SDSS Approach to Assessing Land Suitability
- 2002 Yassin, N. MGIS. A SDSS for Determining Oil and Gas Pipeline Routes

2002 Wright, J. MGIS. Internet GIS: The Nunavut Placename Management System

Department of Anthropology and Archeology – PhD

2017 Cheng, S. Ethnography of Shrimp Industry in Southeast Asia

2015 Benfer, A. Movement of Early Humans in North America

2012 Amundsen-Meyer, L. Integrating GIS in predictive models of site occupancy

Department of Anthropology and Archeology – M.Sc./MA

2013 Champion, J. Spider Monkey Dietary Response to Hurricane and Fire Disturbance.

2011 Parr, N. Effects of Linear Disturbance on Primates

2010 Ingraldi, C. Forest Fragmentation on Eight Sympatric Lemur Species in SE Madagascar

2007 McGoogan, Keriann. Howler Monkey Habitat Analysis

2005 DeGama-Blanchet, Holly. Fragmentation and Monkey Density in a Tropical Dry Forest

2004 Wong, S. *Colobus vellerosus* in a Fragmented Landscape: Population Status and Habitat

2003 Behie, A. The Effect of a Major Hurricane on the Diet, Activity, and Food Supply of *Alouatta pigra* in Southern Belize

Faculty of Environmental Design — MEdes

2008 Garrow, D. Interactions between Wildlife and Recreation Activities in Alberta

2008 Laporte, Isabelle. Interactions between wolves and cattle in S. Alberta

2008 Brachard, Elyse. Conservation based residential development in Calgary, AB

2007 Heck, N. Bird-Transmission line Collision Modelling in Alberta

2006 Noel, K. Elk Habitat Relations in Southern Alberta

2004 Muhly, T. A Spatial Analysis of Wolf-Cattle Interactions in Southwestern Alberta

2003 Wilkie, K. Focal Species Habitat Connectivity in the Pine Creek Watershed, AB

Faculty of Computer Science – MSc.

2013 Dunlap, M. Citizen Science and Geocaching Applications

Faculty of Graduate Studies: Interdisciplinary Graduate Program – MSc.

2008 Navid, E. Modelling Genetic Flow of Coastal Wolves on the Central Coast of BC

2007 Lee, T. Use of Expert Knowledge to Define Movement Corridors for Wildlife

Faculty of Medicine — PhD

2014 Van Rheenen, S. Spatial Analysis of TIA Incidence and Mortality in Alberta

Faculty of Science — Ph.D

Biological Sciences

2015 Cantin, A. Fish Population Ecology in Alberta

2007 Lausen, C. Migratory patterns of little brown bat in Southern Alberta

Faculty of Science — MSc.

Biological Sciences

2017 Carroll, E. Landscape Genetics

2013 Kremer, C. Stickleback spatial analysis.

- 2006 Robertson, S. Patterns and Effects of Bot Fly Parasitism in Ord's Kangaroo Rats
- 2005 Gavin, S. Road Effects on Antelope Movement in Southeastern Alberta
- 2004 Luszcz, T. Community Structure and Habitat Use of Forest-dwelling Bats
- 2003 Park, J. Effects of Scale on Habitat Selection by Pine Bark Beetles

Masters Committee Member/Examiner External to University

- 2018 Fraser-Celine, V. Human dimensions of Painted dog encounters, Botswana. PhD. University of Guelph.
- 2013 Porter, K. Spatial Overlap between Human and Coyote (*Canis latrans*) in Cape Breton Highlands National Park of Canada. MSc., Dalhousie University. Department of Psychology, Science.

Ph.D. Candidacy Exam Committee Member

Faculty of Social Sciences

Department of Geography

- 2013 Kincaid, A. Free Roaming Horses in Alberta
- 2013 Whyte, G. Flood Risk and Waste Management in Alberta
- 2006 Linke, J. Issues of Scale in Wildlife Habitat Modelling
- 2004 Lieski, D. Comparing Analytical Methods in Resource Selection Modelling
- 2004 Thompson, E. Inuit Community Planning for Cruise Ship Tourism Opportunities

Department of Anthropology

- 2016 Itambu, M. Subsaharan Africa ecology
- 2015 Cheng, S. Ethnography of Shrimp Industry Southeast Asia
- 2015 Benfer, A. Movement and Migration in North America
- 2013 Beaulie, T. Spatial Analysis of Travel Routes in Alberta
- 2007 Bright, O. Cultural Anthropology in Rural Africa

Faculty of Biological Sciences

Department of Biology

- 2015 Cantin, A. Population Ecology in Fish
- 2010 Coleman, J. Distribution of Bats in Calgary Urban Centre
- 2011 Mousseau, T. Historical Island Biogeographical Patterns in Beetles
- 2007 Lausen, C. Bat Behavioral Ecology and Response to Human Disturbance

Faculty of Environmental Design

- 2016 Cavedon, M. Caribou ecology and management

Cumming School of Medicine — PhD

- 2012 Van Rheenen, S. Spatial Analysis of TIA Incidence and Mortality in Alberta

7) INSTRUCTION (2001-present)

Graduate Courses Taught

Lectures (number of students)

2020 Fall (5)	GEOG 699	Philosophy and Nature of Physical Geography
2019 Fall (12)	GEOG 699	Philosophy and Nature of Physical Geography
2018 Fall/Winter	RESEARCH AND SCHOLARLY LEAVE	
2017 Fall (9)	GEOG 699	Philosophy and Nature of Physical Geography
2016 Fall (9)	GEOG 699	Philosophy and Nature of Physical Geography
2015 Fall (13)	GEOG 699	Philosophy and Nature of Physical Geography
2014 Fall (11)	GEOG 699	Philosophy and Nature of Physical Geography
2013 Fall (12)	GEOG 699	Philosophy and Nature of Physical Geography
2012 Fall (8)	GEOG 699	Philosophy and Nature of Physical Geography
2011 Fall (9)	GEOG 619	Spatial Ecology
2009 Fall (21)	GEOG 607	GIS Basics and Beyond
2009 Fall (10)	GEOG 619	Spatial Ecology
2009 Winter (6)	GEOG 619	Spatial Ecology
2008 Fall (16)	GEOG 607	GIS Basics and Beyond
2007 Winter (5)	GEOG 619	Spatial Ecology
2006 Fall (19)	GEOG 607	GIS Basics and Beyond
2006 Winter (12)	GEOG 619	Spatial Ecology
2005 Fall (19)	GEOG 699.47	GIS Basics and Beyond
2005 Winter (16+3A)	GEOG 619	Spatial Ecology, (Formerly 695.11)
2004 Fall (30)	GEOG 699.47	GIS Basics and Beyond
2004 Winter (4)	GEOG 619	Spatial Ecology
2003 Fall (10+5A)	GEOG 619	Spatial Ecology
2003 Winter (10)	GEOG 619	Spatial Ecology, (Formerly 695.11)
2002 Fall (7)	GEOG 695.11	Spatial Ecology
2002 Winter (12)	GEOG 695.11	Spatial Ecology

Seminars

2015 Spring	GEOG 697	Citizen Science GIS
2009 Spring	GEOG 795.21	Foundations in Fragmentation Theory
2009 Spring	GEOG 795.22	Spatial Epidemiology
2009 Winter	GEOG 695.03	Conservation Applications in GIS
2009 Winter	GEOG 681	Literature MGIS
2009 Winter	GEOG 683	Project MGIS
2008 Fall	GEOG 699.04	Conservation GIS in Ungulate Management
2008 Fall	GEOG 699.07	Spatial Epidemiological Applications in GIS
2006 Fall	GEOG 795.06	Readings in Conservation GIS
2005 Fall	GEOG 799.03	GIS for Environmental Science
2005 Summer	GEOG 795.04	Readings in Coastal Ecology
2005 Winter	GEOG 699.24	Reading in Spatial Ecology
2004 Winter	GEOG 599.17	GIS Methods in Habitat Analysis

2004 Fall	GEOG 699.20	Advance Topics in Spatial Ecology
2004 Fall	GEOF 799.02	Applied Spatial Ecology
2003 Fall	GEOG 599.16	Habitat Disturbance Ecology
2003 Fall	GEOG 799.12	Advanced Ecological Modelling
2003 Winter	GEOG 695.23	GIS Wildlife Applications
2003 Winter	GEOG 795.16	GIS Applications in Conservation
2002 Fall	GEOG 695.13	Conservation Ecology
2002 Fall	GEOG 699.16	Coastal Applications in GIS
2002 Fall	GEOG 795.10	Introduction to GIS Upgrade
2001 Fall	GEOG 695.12	Conservation Biology and GIS

Undergraduate Courses Taught

Lectures

2020 Winter (75)	GEOG 430	Animal Geography
2019 Winter (60)	GEOG 430)	Animal Geography
2020 Fall (60)	GEOG 483	Ways of Knowing
2019 Fall (60+)	GEOG 483	Ways of Knowing
2018 Fall/Winter	RESEARCH AND SCHOLARLY LEAVE	
2018 Winter (80)	GEOG 317	Animal Geography
2017 Fall (21)	GEOG 417	Biogeography
2017 Winter (77)	GEOG 317	Animal Geography
2016 Fall (24)	GEOG 417	Biogeography
2016 Winter (72)	GEOG 317	Animal Geography
2015 Fall (24)	GEOG 417	Biogeography
2015 Winter (79)	GEOG 317	Animal Geography
2014 Fall (18)	GEOG 417	Biogeography
2014 Winter (63)	GEOG 317	Animal Geography
2013 Fall (12)	GEOG 517	Conservation GIS (formerly Geog 619)
2013 Winter (76)	GEOG 317	Animal Geography
2012 Fall (20)	GEOG 417	Biogeography
2011 Fall (9)	GEOG 457_619	Intermediate GIS and Spatial Ecology
2011 Fall (63)	GEOG 231	Introduction to Geospatial Methods
2011 Winter (65)	GEOG 231	Introduction to Geospatial Methods
2008 Fall (7)	GEOG 457	Intermediate GIS II
2007 Winter (63)	GEOG 357	Introductory GIS I
2006 Winter (72)	GEOG 357	Introductory GIS I
2004 Fall (30)	GEOG 391	Field Methods in Geography
2004 Fall (45)	GEOG 447	Introductory GIS I
2003 Fall (30)	GEOG 391	Field Methods in Geography
2003 Fall (46)	GEOG 447	Introductory GIS I
2002 Fall (48)	GEOG 447	Introductory GIS I

Guest Lectures

2016 Winter	KIN	Coexistence with Coyotes/Wolves
2013 Winter	STAS 421,	Publics and Society, Instructor, Dr. Blue
2012 Fall	ENVS 351	Lecture to class – Instructor Dr. Holden
2011 Fall	ENVS 351,	Lecture to class October 11 - Instructor Dr. Holden
2006 Spring	ENVS 351,	Lecture to class April - Instructor Dr. Norman
2008 Fall		Friday Graduate Seminar Series
2008 Fall	GEOG 231,	Lecture to class December – Instructor Dr. Hall-Beyer
2006 Fall	GEOG 507,	Lecture to class November 6 – Instructor Dr. Hay
2006 Fall	ENVS 351,	Lecture to class October 12 - Instructor Dr. Holden
2006 Winter	GEOG 507,	Lecture to class March – Instructor Dr. Hay
2005 Fall	ENVS 351,	Lecture to class November 22 - Instructor Dr. Holden
2005 Fall	EVDS 725,	Lecture to class November 29 – Instructor Dr. Musiani

Other Academic Presentations

2016	Dept of Philosophy Speaker Series, Winter
2013	Geography Department, Soup and Slides, January
2012	Faculty of Arts Research Presentations, October
2012	George Mason University, Spatial Analysis Centre of Excellence, October
2010	University of Calgary Vet Medicine Speaker Series, Coyotes in Calgary, February

8) PROFESSIONAL ACTIVITY

Executive and Other Positions

2020	Member, Board, Calgary Institute for Humanities
2019	Member, UC Senate Elect – (July 1 start as Community Senate Member)
2019	Member, Science Advisory Council, Yellowstone Ecological Research Council
2017-2018	Member, Advisory Board, College of Discovery, Creativity & Innovation, UC
2015- 2018	Member, Board of Directors, Society for Conservation Biology North America
2014-	Member, Science Advisory Board, Coyote Watch Canada, Hamilton
2012-	Member, Science Advisory Board, Project Coyote, California
2003-2011	Member, Environment Grant Selection Committee, Calgary Foundation
2003-2011	Member, Board of Directors, Miistakis Institute
2003-2006	Chair, Board of Directors, Miistakis Institute
2002-2003	Member, Board of Directors, Miistakis Institute
2001-2004	IUCN-SSC Conservation Breeding Specialist Group

Reviewer

National Funding Institutions

- 2010 *Social Sciences and Humanities Research Council of Canada*.
Assessment of a proposal submitted to Committee 410-09 in Standard Research Grants Competition (File Number: 410-2010-2526)
- 2008 *National Science Foundation, USA*
"Understanding Coupled Human-Nature Complex Systems: A Case Study for Guizhou Golden Monkey Conservation (China)"
- 2008 *Academy of Science of the Czech Republic*
"Habitat fragmentation and mammalian predators in a heterogeneous landscape: factors determinate their distribution, habitat association and co-occurrence" (proposal KJB600870901)

Textbooks

- 2017 Quarterly Review of Biology. "Wildlife in the Anthropocene", J. Lorimer 2015. 500 word Review
- 2007 *Oxford University Press, Canada*
"Geographical Information Systems: An Introduction". Delaney.

Scholarly Publications

- 2020 *Human Dimensions of Wildlife* "Wildlife impacts of roads in Nepal".
- 2018 *Wildlife Society Bulletin - WSB* -17-101
"Golf Courses as Potential Refuges or Habitat for Urban Coyotes"
- 2017 *Oryx*-17-A-0179
"Media portrayal of human-wildlife conflict in China: Implications for conservation"
- 2015 *Human Dimensions of Wildlife*:
"Extreme negative attitudes towards coyotes (*Canis latrans*) in New Brunswick, Canada. UHDW-2015-0015 – resubmit (November)
- 2015 *Urban Ecosystems*
"A genet drive-through: Are large spotted genets using urban areas for 'fast food'? A dietary analysis."
UECO-D-14-00085
- 2015 *Human Dimensions of Wildlife*:
"Extreme negative attitudes towards coyotes (*Canis latrans*) in New Brunswick, Canada. UHDW-2015-0015
- 2014 *Society and Natural Resources*
"Modeling perceived risk from coyotes among Chicago residents"
USNR-2014-0005 General Research Article
- 2013 *Journal of Canadian Studies*

- "The biopolitical animal in Canadian and Environmental Studies
2012 *Ecology and Evolution*
"Nearing the ecological limit: coyote adaptability produces individualistic space use patterns"
Manuscript ID: ECE-2012-10-0261
- 2012 *Human Dimensions in Wildlife*
"Attitudes towards predators and conservancies amongst Namibian farmers" Manuscript ID:
UHDW-2012-0087
- 2012 *Geocarta*
"Albertine Rift, anthropogenic impact, GIS, *Lophuromys aquilus*, remote sensing" Manuscript
ID: TGEI-2011-0102.R1
- 2011 *Cities and the Environment*
"Attitudes Towards Coyotes in an Urban Landscape: 1 Management and Public" Special
Edition, Urban Predators. Managing Editor, Anne Cummings.
- 2010 *Journal of Wildlife Management*
"Identifying Habitat Linkages to Maintain Connectivity for Corridor Dwellers in a Fragmented
Landscape" by Cameron Barrows, Kathleen Fleming, and Michael Allen [Paper #2009-554]
- 2009 *Professional Geographer*
"Assessing highway permeability for the restoration of landscape connectivity between
protected areas in the Basque Country (N Spain)"
- 2008 *Academy of Science Czech Republic*
"Habitat fragmentation and mammalian predators in a heterogeneous
- 2008 *Journal of Wildlife Management*
"Long-Distance Dispersal of a Rescued Wolf from the northern Apennines to the western Alps"
- 2008 *Journal of Environmental Management*
"Quantifying spatial process of forest fragmentation in the developing State of Selangor,
peninsular Malaysia"
- 2008 *Ecography*
"Spatial risk assessment of livestock exposure to pumas in Patagonia, Argentina"
- 2008 *American Journal of Primatology* "Manuscript No. 071209"
- 2007 *Journal of Environmental Management*, 2007
Diversity, Seasonality, and 1 Context of Mammalian Roadkills in the Southern Great Plains"
- 2006 *Journal of Wildlife Management*
- 2006 *Journal of Wildlife Management*
- 2003 *Journal of Wildlife Management*
- 2003 *Progress in Planning (PIP)*

Other Non-Scholarly Reviews

- 2012 Feichtenberger, K. Spanish lynx documentary transcript reviewed for ecological correctness
2012 Van Tighem, K. Homeward Bound –Bow Valley Wolves. Historical/biological accuracy review

Memberships

- 2015- Society for Conservation Biology
2001 - Chancellor's Club, UC
1999 - 2002 Society for Conservation Biology

Selected Awards and Recognition in Graduate Program (1995-2001)

1999-2001	Province of Alberta Graduate Fellowship, University of Calgary, Geography
1998-2000	M. P. Hess Graduate Scholarship, University of Calgary, Geography
1999-2001	Biodiversity Fund, U of A and A.C.A, University of Calgary, Geography
1999-2000	Alberta Sport, Recreation, Parks and Wildlife, U of C, Geography
1998-1999	Graduate Thesis Research Scholarship, University of Calgary, Geography
1997-2000	University of Calgary Fee Scholarship, University of Calgary, Geography
1997-1999	N.S.E.R.C. - PGS-B Scholarship, University of Calgary, Geography
1996-1997	M. P. Hess Graduate Scholarship, University of Calgary, Geography
1996-1997	Alberta Sport, Recreation, Parks, and Wildlife, U of C, Geography

Consulting/Technical Work Experience (1992-1997)

July 1993 – March 1995.	Environmental Resource/Wildlife Research Consultant. Peter Lougheed Provincial Park (PLPP), Kananaskis, AB. S. Donelon (403)678-5508. GIS technical support, Environmental Impact Assessment of skier snow compaction, tracking collared wolves.
May – July 1993-1997	Wildlife Technician. McCallum/Paquet Environmental Consulting Ltd., Canmore, AB. P. Paquet (306)376-2015. Recurrent seasonal contracts. Surveyed fixed transects for summer/winter pellets (deer, elk, moose, sheep), classified vegetation, indexed browse intensity; also, GIS and database work.
Oct. 1992 – Apr. 1993	Environmental Research Technician. John/Paul and Associates, Canmore, AB. P. Paquet (306)376-2015. World Wildlife Fund, Canada. Cataloguing wildlife-habitat datasets, landuse management and integrated resource plans for the International Rocky Mountain ecosystem (Alberta, BC, Montana, Idaho).
Sept.-Oct. 1992	Research Technician. John/Paul and Assoc., Canmore, AB. (306)376-2015. Database design, data entry and habitat mapping, Canmore.
Mar.–Oct. 1992	Research Consultant. Banff National Park Warden Service, Banff, AB. C. White (403)762-1470. Aspen ecosite analysis, field technician.
May–Aug. 1992	Volunteer Wildlife Research Assistant. Dalhousie University, Animal Behavior Research Station. J. Ryon (903)758-3503. Feeding, densite monitoring and in-den filming of captive wolves; care, hand rearing and filming play ontogeny of coyote pups. Researched non-lethal methods for coyote-livestock depredation.
Dec. 1991 – May. 1992	Wolf Project Research Coordinator. John/Paul and Associates, Canmore, AB. (306)376-2015. Daily ground telemetry, aerial surveys (approximately 60 hours flight time), scheduled staff field work, maintained databases.

Professional Workshops and Training

2017	Campus as a Learning Lab Focus Group – Office of Sustainability, UC
2017	Taylor Institute – Leadership under Change: Workshop attendee

- 2001 *IUCN-CBSG Parrot Conservation Workshop*. Presented probability-based habitat effectiveness model for Mexican parrots (*Ara macao*). Africam Safari Zoo. Puebla, Mexico. Dec. 11-15.
- 2001 *IUCN-CBSG Disease Risk Workshop*. Prepared and presented a probability-based spatial model of disease risk for Ugandan Gorillas. Jacksonville Florida. June 28-July1.
- 2001 *GIS-PVA Biocomplexity Workshop II*. A Collaborative workshop between Colby College (Waterville, Maine), McGill University (Montreal, QB) and the IUCN-CBSG. Jacksonville, Florida, USA. June 23-26.
- 2001 International Training Centre, **Durrell Wildlife Training Centre**. *Population Habitat Viability Assessment Facilitation Skills Training* Workshop. IUCN-CBSG Sponsored. Jersey Island, UK. May 6-12.
- 2001 *GIS-PVA Biocomplexity Workshop*. A Collaborative Workshop between Colby College (Waterville, Maine), McGill University (Montreal, QB) and the IUCN-CBSG. Presented decision support applications and GIS. Waterville, Maine, USA. January 4-8.

9) COMMUNITY OUTREACH

Executive and Other Positions

- 2019 Senate, Elected Community Member of Senate, UC
- 2017 Chancellor's Club Summit, April 17
- 2016 -2018 Senate, Appointed Member & CEC sub-committee
- 2016 Mace Bearer, FOA Convocation, June 8
- 2003-2011 Grant Selection Committee, Calgary Foundation, Alberta
- 2001-present Collaborator, Conservation Science Centre, Calgary Zoo

Public Presentations

- 2019 Invited Speaker – Springbank Wildlife Co-existence forum (Alberta Agriculture) – tentative schedule May 2
- 2019 Invited Speaker – Parks Canada Wildlife Co-existence forum (Radium) - tentative schedule May 5-7
- 2018 Wildsmart Speaker Series, The Rules We Make that Coyotes Break - Dec 5
- 2018 Jane's Walk, Nose Hill, Walking with Coyotes - May 4
- 2018 Women in Science Speaker Series, Lethbridge University – Mar
- 2017 Esker Foundation Evening Talk Series – Animal Geographies – Oct 19
- 2017 Earlton Community AGM, Living with Coyotes
- 2017 Jane's Walk, Nose Hill, Walking with Coyotes, May 5
- 2017 Wings over the Rockies Festival, Walking with Coyote – guided hike Invermere
- 2016 Sunnyside Open Air Residency – Community Arts Program, Finding Coyote. October 3
- 2016 Western Charter Academy Grade 8, Finding Coyote, Feb 22
- 2016 Through Canid Eyes, Wolf Awareness Week invited speaker, Calgary Public Library
- 2015 Glenbow Ranch Provincial Park Evening Coyote Walk Sept 30

- 2015 Glenbow Ranch Provincial Park. Coyote Nature Walk. Cochrane, AB. Aug. 12
- 2015 Bow Valley Wildsmart Speaker Series, Coyotes in Crosshairs. Canmore, AB, Apr 14
- 2015 Jane's Walk, Nose Hill, Song Dogs in the City. Calgary, AB, May 6
- 2015 Knights of the Round Table, Finding Coyote. Calgary, AB, Feb
- 2015 Tuscany Middle School, Grade 4 classes, Living with Coyotes, Feb 12
- 2015 Glenbow Ranch Provincial Park, Finding Coyote. Cochrane AB, Jan 23
- 2014 Nose Hill (Friends) Society, Living with Coyotes. Calgary, AB, April
- 2014 Glenbow Ranch Provincial Park, Coyote Nature Walk. Cochrane AB, July 16
- 2014 Glenbow Ranch Provincial Park, Coyote Nature Walk. Cochrane AB, Aug 6
- 2014 Jane's Walk, Nose Hill, Song Dogs in the City. Calgary, AB, June 4
- 2013 Glenbow Ranch Provincial Park, Coyote Nature Walk. Cochrane, AB June 12
- 2012 Terra Magica Gallery, Canmore, Conserving Painted Dogs in Zimbabwe. AB June 2
- 2010 Nature Calgary Speaker Series. Living with Coyotes. Calgary, Oct. 20
- 2010 Bow Valley Speaker Series. Coyotes: They are what the Eat. February
- 2007 CPAWS – Highway Fragmentation Studies in Alberta and Mexico
- 2001 Bow Valley Naturalists Monthly Meeting. Restoring Landscape Connectivity in Road Fragmented Environments. Banff, AB. April 28.
- 2000 Central Rockies Wolf Project. A DSS for Selecting Focal Carnivores. Canmore, AB. June 17.
- 2000 Wildlife Mortality Workshop, Superintendent's Office. A Spatial Analysis of Highway Fragmentation Effects on Multi-Species. Banff, AB. March.
- 1998 Wildlife-Transportation Workshop - Banff National Park Managers and Public Invitees. Analyzing Mitigation Requirements for Multiple Species in the Bow Valley, Banff National Park. Banff, AB. February 8.
- 1998 Forest Carnivore Society Conference. Highway Fragmentation Effects in the Bow Valley. Canmore, AB. June 15.
- 1998 Bow Cumulative Effects Committee. Highway Fragmentation Effects on Wildlife in the Bow Valley. Banff, AB. October 5.

Media Contributions

Television Interview/Broadcasts

- 2019 CBC TV, Weather Network, City TV – provided several hours coordination, field site and all prep discussion work for media interviews by my former graduate student (Lukasik) to conduct 3 TV interviews on my behalf, May 12, May 14, June 15
- 2019 CBC TV David Gray - CBC Interview Radio – David Gray – CBC morning show prepped for but CANCELLED or POSTPONED, Mar 12
- 2019 CBC News: in person/camera Interview Colleen Underwood – Mar 12...aired April 1, On line CBC News, Radio - CBC morning show 7:10 (sound bite)
<https://www.cbc.ca/news/canada/calgary/coyote-hazing-calgary-chalk-balls-1.5068909>
- 2019 CBC TV, Colleen Underwood, 1 hour phone interview, Mar 6

- 2019 CTV News, Bill MacFarlan written and 6pm news <https://calgary.ctvnews.ca/calls-to-reconsider-off-leash-areas-enforce-bylaws-in-nose-hill-park-1.4323813>, Mar 5.
- 2018 CBC TV, with Rob Brown 6pm news <http://www.cbc.ca/player/play/1223613507640>, May 1
- 2017 CBC Radio (French) Y. Rose – Wildlife Documentary series/urban coyotes – 2 days, Nov 17
- 2017 Global TV, Calgary and National – May
- 2015 CTV Alberta Prime Time - January
- 2015 CBC and CTV Evening News
- 2012 Global Television, Coyotes in Calgary
- 2012 Radio interview, Coyotes in Saskatchewan
- 2010 CBC Television, CTV television, Global National. Living with Coyotes Website
- 2009 CBC Television, CTV television, Global National. Urban Coyote Ecology, Conflict and Diet
- 2006 CBC Television (Canada Now), CFCN Television, A-Channel, Global TV (Calgary), Shaw TV – Calgary Coyote Project
- 2004 Alberta Ce Soir (CBC French tv news), CBC Television (Canada Now), CFCN Television, CTV television (Edmonton), Global Television, Shaw Television

Radio Interviews/Broadcasts

- 2019 SeriusXX Canada Now, Jeff Sammut host – paint-balling coyotes, Apr 2
- 2018 CBC Radio and online interview – Dave Gilson – Coyote reporting up with the City - May 1
- 2018 660 news - Tahiri Foroozan – weekend show on coyotes, April 11
- 2017 CBC radio/CBC news – David Gilson – Feb 20
- 2017 Defender Radio – 1 hour Podcast, May
- 2016 Vets2Go Radio – January
- 2015 NL Radio 77, Kamloops, Harrison Show, November
- 2015 CBC Sunday morning news, Tim Devlin, October
- 2015 CBC Homestretch with Doug Dirks, October
- 2015 Parks Canada radio interview (repeat programming in Banff)
- 2014 CBC news, home stretch.
- 2010 CBC home stretch, QR77 afternoon, QR77 morning show, 103.1 XL: Living with Coyotes
- 2009 QR77, CBC morning. Urban Coyote Ecology, Conflict and Diet
- 2004 Highways and Wildlife. Film sponsored by Canadian Parks and Wilderness Society
- 2003 Calgary Homestretch, CBC radio (Yellowknife), CBC radio news (Calgary), CBC radio news (Edmonton), CFMG-FM (St. Albert), CFYM radio (Kindersley), CJXX-FM (Grande Prairie), QR77 (Afternoon with Dave Taylor), QR77 news.
- 2001 Expert interview “Think Big”. Film Sponsored by Friends of Kananaskis.

Newspaper Interviews

- 2018 Newsweek, Eve Watling. Response to questions on ethics and trapping/snaring related to Canada good. Canary Wrf, London, 60 min interview, Dec 12
- 2018 Banff Crag and Canyon. Wildsmart Speaker Series comments, Dec 5
- 2018 Prairie post: Women in Academia speaker series. Mar 21
- 2018 Metro News, Feb 2.
- 2018 New Yorker Magazine fact check – Fairview, AB in prairies. Stephanie Taladrid

- 2018 Calgary Herald – Jennifer Allford, Jan 10
- 2017 Canadian Geographic Magazine – Ryan Stewart – Urban Wildlife Adaptations, Dec 12
- 2017 SAIT journalism student interview, Oct 15
- 2017 Guantlet, UC. Sean Willis: The Critters that Call Campus Home, Sept 8
- 2017 Calgary Herald/Sun – Shawn Logan, July 12 Published as Finding Balance (Herald)
<http://calgaryherald.com/news/local-news/finding-balance-conflicts-with-urban-coyotes-prompt-city-to-pursue-new-strategy> and Calgary Rethinks Strategy after Spikes in Coyote Conflict (Sun) <http://m.calgarysun.com/2017/07/11/calgary-rethinks-coyote-strategy-after-spike-in-conflicts>
- 2017 Consult on Swiss Austrian Film – wolves, ravens, caribou – Attila Boa, July 12
- 2017 ZEIT online magazine., Jessica Braun, June 22 - published September 2017
<http://www.zeit.de/entdecken/2017-09/kojoten-jagen-stadt-kanada-usa>
- 2017 Canadian Wildlife – Ghost Dogs, Jan 1
<https://www.pressreader.com/canada/canadian-wildlife/20170101/281496456283547>
- 2017 Calgary Metro. Coyote Conflict in Calgary
- 2016 Rosedale Reporter, November
- 2016 Avenue Magazine, Calgary, October <http://www.avenuecalgary.com/City-Life/Detours/Coyotes-in-Calgary-What-you-need-to-know/>
- 2016 Calgary Metro. Page 4, March 26-28. Coyotes in Calgary
- 2016 The Guardian: Calgary Song Dogs. T. Dixon <http://calgaryguardian.com/calgarys-song-dogs/>
- 2015 Rocky Mountain Outlook: Foothills Coyote Initiative, October
- 2015 Calgary Herald: October: Foothills Coyote Initiative, October
- 2015 Rocky Mountain Outlook; Banff Crag & Canyon: Coyotes in the Crosshairs
- 2015 Globe and Mail
- 2014 Calgary Herald
- 2013 Chicago Tribune
- 2013 Calgary Herald, YYCoyote – Special insert
- 2010 Calgary Herald, Calgary Sun, Multiple on-line media.
- 2009 Calgary Herald, Urban Coyote Ecology Research Findings Calgary
- 2007 Expert opinion on court ruling of first human killed by a wolf in Canada
- 2006 Calgary Herald, CBC on-line – multiple interviews regarding coyote conflict.
- 2005 Alberta Views, interviewed by author Ben Gadd for publication “The Meatmaker: Life and Death on the Banff Highway. AlbertaViews, March 2005.
- 2003 New York Times – Canada Correspondent Clifford Krauss (New York), Calgary Herald x 2 (Calgary), Banff Crag and Canyon (Banff), Canmore Leader (Canmore), FastForward Magazine – FFW (Calgary), Rocky Mountain Outlook (Canmore)

Documentary Film Interview

- 2017 French CBC Documentary film production – Yannick Rose, film-maker, November 2 days
- 2017 French CBC Documentary – Nancy Ross

Magazine Interviews

- 2017 Canadian Wildlife Magazine. Ghost Dogs. Contributing Scientist.

Other Contributions

- 2017 Social Media – Peartree - <http://peartreeimpressions.com/co-existing-with-coyotes/>
2016 Written contribution to Dr. Marmie P. Hess 50th Year UC Commemorative Book

10) OTHER ACCOMPLISHMENTS

- 2010 Equitation. 3rd Place for Best Mounted Ride at Calgary Stampede, Spanish Andalusian.
2007 Equitation. Horse: Don Tenorio. Rider/Owner: S. Alexander. 6th Place Ribbon, Show in hand, Andalusian/Half Andalusian Horse Exhibition
2006 Equitation. Horse: Don Tenorio. Rider/Owner: S. Alexander. 5th Place Ribbon, Show in-hand, Andalusian/Half Andalusian Horse Exhibition
1994 Mountaineering Expedition Co-Manager, Hinku-Chuli, Nepal. Co-organized a 6 person expedition to climb Mera Peak and Hinku Chuli Peak in the Hinku Valley Region of Nepal. Travelled on foot in remote wilderness areas with team members and supervised 18 porters - expedition duration 34 days (335 km).