

Monday, November-08-21

Please find below my updated Curriculum Vitae. Let me add the following information:

- Born in Rome, Italy 15 June 1970
- Canadian and Italian citizenships
- Canadian Social Insurance Number: 656072550
- Italian Codice Fiscale: MSNMRC70H15H501Q



Marco Musiani

### Table of Contents (continues next page)

	Page	Notes
Personal Information	i	
Website	i	
Language Skills	1	
Degrees	1	
Recognitions	1	Scholarships and awards
User Profile	2	Keywords of research areas
Employment	3	
Affiliations	4	Role in other academic boards and non-governmental organization (NGOs)
Research Funding History	4	Currently Awarded Projects [n=11] with Portion of Funding Received by Musiani of >1 million Canadian Dollars Completed [n=28], Portion of Funding Received >3.9 million Canadian Dollars
Current Courses Taught (Winter or Fall term, Year 2017 onward)	12	Course [n=21] ranging from general [e.g. An Introduction to Vertebrate Zoology] to specialized
Course Development	13	
Student/Postdoctoral Supervision	13	Bachelor's [n=10], Principal Supervisor [n=7] Bachelor's Honours, Principal Supervisor [n=1] Master's Thesis [n=19] , Principal Supervisor [n=12] Doctorate [n=19], Principal Supervisor [n=8] Post-doctorate [n=8], Principal Supervisor [n=4] Research Associate [n=1] Technician, Principal Supervisor [n=8]

## CANADIAN COMMON CV

Dr. Marco Musiani

	Page	Notes
Event Administration	20	Organization of conferences and other academic meetings
Editorial Activities	21	Also including serving as Associate Editor for <i>Hystrix</i> - the Italian Journal of Mammalogy, Journal [currently]
Journal Review Activities	21	Served as reviewer for academic journals [n=33]
Graduate Examination Activities	22	Service on final examinations of graduate students
Research Funding Application Assessment Activities	24	
Promotion Tenure Assessment Activities	24	
Organizational Review Activities	24	
Event Participation	25	
Community and Volunteer Activities	25	
Knowledge and Technology Translation	25	
International Collaboration Activities	25	
Committee Memberships	26	Roles played in academic and hiring Committees
Other Memberships	27	Memberships of Societies
Presentations	28	Invited presentations [n=24]
Broadcast Interviews	30	Various contributions [n=28], also including an award winning documentary: <i>Chasing a Trace. Wolverine Research in the High Alpine of Western Canada</i>
Text Interviews	31	Interviews appearing in various newspapers and websites [n=65]
Journal Articles	34	Published in academic journals [n=75]
Books	42	Served as Editor [n=2]
Book Chapters	42	n=7
Book Reviews	42	
Reports	43	Produced reports to funding agencies [n=18]
Conference Publications	44	Contributed to national and international conferences [n=172]
Video Recordings	68	Other academic video contributions [n=5]

## **Dr. Marco Musiani**

Correspondence language: English

Sex: Male

## **Contact Information**

The primary information is denoted by (\*)

### **Address**

Primary Affiliation (\*)

Department of Biological Sciences  
Faculty of Science  
University of Calgary  
2500 University Dr NW  
Calgary Alberta T2N 1N4  
Canada

### **Telephone**

Work (\*)                      1-403-2202604 extension: 2604

### **Email**

Work (\*)                      [mmusiani@ucalgary.ca](mailto:mmusiani@ucalgary.ca)

### **Website**

Personal                      <https://wpsites.ucalgary.ca/musiani-lab/home/>

Personal                      <http://contacts.ucalgary.ca/info/bio/profiles/120-140544>

## Dr. Marco Musiani

---

### Language Skills

Language	Read	Write	Speak	Understand	Peer Review
English	Yes	Yes	Yes	Yes	Yes
French	Yes	No	No	Yes	No
Italian	Yes	Yes	Yes	Yes	Yes

### Degrees

- 2003/9 - 2005/7 Post-doctorate, NSERC PDF, Animal Ecology, Universita Degli Studi di Roma 'La Sapienza'  
Degree Status: Completed  
Thesis Title: Interspecific Relationships Between Wolves, Dogs and Humans in the Context of High Levels of Depredation on Livestock (funded by Canada, held abroad)  
Supervisors: Professor Luigi Boitani
- 1998/9 - 2003/8 Doctorate, Applied Animal Ecology, The University of Calgary  
Degree Status: Completed  
Thesis Title: Conservation biology and management of wolves and wolf-human conflicts in western North America.  
Supervisors: Dr. Gates, C. C.
- 1995/1 - 1997/3 Master's Thesis, Laurea Magistrale, Ecology, Università degli Studi di Siena  
Degree Status: Completed  
Thesis Title: Home range, dieta invernale e spostamenti del lupo nella Foresta di Bialowieza (Polonia). [Home ranges, winter diet and movements of the wolf in the Bialowieza Forest (Poland).]  
Supervisors: Dr. Lovari, S.
- 1990/9 - 1994/12 Bachelor's, Laurea, Biological Sciences, Universita Degli Studi di Roma 'La Sapienza'  
Degree Status: Completed

### Recognitions

- 2020/7 2020 Long Service Award  
The University of Calgary  
Prize / Award  
15 years of service with the University of Calgary

2013/6	Emerald Award The Alberta Emerald Foundation - <a href="https://emerald.foundation.ca/">https://emerald.foundation.ca/</a> Prize / Award Award to NSERC Collaborative Research and Development (CRD) Grant titled "Access management for wildlife conservation" (Boyce, Musiani). From The Alberta Emerald Foundation for outstanding environmental achievements. The project's merits were to have documented empirically animal responses to human use of roads and other linear features, which is affecting land use practices in Alberta.
2003/9 - 2005/8	NSERC PDF Scholar (Postdoctoral) Natural Sciences and Engineering Research Council of Canada (NSERC) Honor
2001/9 - 2002/8	Italian National Research Council Study Abroad Scholar, Molecular Biology Italian National Research Council Honor
2001/9 - 2002/8	Italian National Research Council Study Abroad Scholar, BioMed (declined to avoid accumulation) Italian National Research Council Honor
2001/9 - 2002/8	NSERC PGS B Scholar (Doctoral) Natural Sciences and Engineering Research Council of Canada (NSERC) Honor
2001/9 - 2003/8	Honorary Killam Memorial Scholar The University of Calgary Honor
2001/9 - 2003/8	Izaak Walton Killam Memorial Scholar The University of Calgary Honor
2000/9 - 2001/8	Italian National Research Council Study Abroad Scholar Italian National Research Council Honor
1999/9 - 2000/8	University of Rome Study Abroad Scholar, BioMed University of Rome Honor
1998/9 - 2002/8	Government of Canada Award Government of Canada Prize / Award International Recognition
1995/9 - 1996/9	Government of Poland Award Government of Poland Prize / Award International Recognition

## User Profile

Researcher Status: Researcher

Research Career Start Date: 2005/07/01

Engaged in Clinical Research?: No

Fields of Application: Environment, Natural Resources, Foundations and Knowledge Acquisition

Areas of Research: Ecological and Ecophysiological Processes, Animal

Research Specialization Keywords: Zoology, Conservation Biology, Terrestrial Ecology, Wildlife Biology, Conservation Genetics, Wildlife Ecology and Management

Research Disciplines: Biology and Related Sciences, Veterinary Sciences

## Employment

2016/7	Professor Biological Sciences, Faculty of Science, The University of Calgary Full-time, Professor Tenure Status: Tenure
2015/7	Professor, Joint Position Faculty of Veterinary Medicine, Department of Ecosystem and Public Health, The University of Calgary Full-time, Professor Tenure Status: Tenure
2015/7 - 2016/6	Professor Faculty of Environmental Design, The University of Calgary Full-time, Professor Tenure Status: Tenure
2010/7 - 2015/6	Associate Professor, Joint Position Faculty of Veterinary Medicine, Department of Ecosystem and Public Health, The University of Calgary Full-time, Associate Professor Tenure Status: Tenure
2010/7 - 2015/6	Associate Professor Faculty of Environmental Design, The University of Calgary Full-time, Associate Professor Tenure Status: Tenure
2005/7 - 2010/6	Assistant Professor Faculty of Environmental Design, The University of Calgary Full-time, Assistant Professor Tenure Status: Tenure Track
2004/9 - 2006/9	Adjunct Professor, Graduate Advisor Interdisciplinary, Master Program, Prescott College Full-time, Adjunct, Assistant Professor Tenure Status: Non Tenure Track
2004/3 - 2005/6	International Scientific Consultant Food and Agriculture Organisation (FAO), United Nations (UN)
2002/11 - 2003/12	Scientific Consultant Defenders of Wildlife, Wolf Depredation Program
2002/10 - 2002/11	International Scientific Consultant University of Lisbon, Government of Portugal Portuguese Project "New Solutions to Control Predation on Livestock"

## Affiliations

The primary affiliation is denoted by (\*)

2015/1	Member of the Wildlife Health Research Group, Veterinary Medicine, The University of Calgary
2008/12	Vice-Chair, <a href="http://www.rockies.ca/">http://www.rockies.ca/</a> , Miistakis Institute for the Rockies
2006/9	Faculty Member, The University of Calgary Computational Media Design (CMD)graduate program
2006/9	Fellow, The University of Calgary Fellow of the University of Calgary Latin American Research Centre
2006/1	Honorary Member, ASAE-ONLUS-Organization for Extinction Studies
2006/1	Member, European Laboratories for Youth Research
2006/1	Director, <a href="http://www.rockies.ca/">http://www.rockies.ca/</a> , Miistakis Institute for the Rockies
1998/1	Professional Biologist, Italian Society of Professional Biologists (Ordine Nazionale dei Biologi)
2009/7 - 2020/7	Patron, UK Wolf Conservation Trust Founded in 1995, the Trust supports education, conservation and research
2007/7 - 2010/7	Member, Montane Advisory Group, Banff National Park, Parks Canada
2000/3 - 2003/12	Member of Steering Committee, Southern Alberta Conservation Cooperative

## Research Funding History

### Awarded [n=11]

2021/5 - 2026/4	Conservation genomics of British Columbia caribou, Grant
Co-applicant	<p><b>Funding Sources:</b></p> <p>Natural Sciences and Engineering Research Council of Canada (NSERC) Alliance Grant Total Funding - 150,000 Portion of Funding Received - 75,000 (Canadian dollar) Funding Competitive?: Yes</p> <p>Environment Canada Total Funding - 100,000 Portion of Funding Received - 50,000 (Canadian dollar) Funding Competitive?: Yes</p>

British Columbia Government  
 Total Funding - 140,000  
 Portion of Funding Received - 70,000 (Canadian dollar)  
 Funding Competitive?: No

2020/5 - 2025/4  
 Principal Investigator Human impacts on isolation and diversity of wildlife populations, Grant

**Funding Sources:**

Natural Sciences and Engineering Research Council of Canada (NSERC)  
 Discovery Grant  
 Total Funding - 165,000  
 Portion of Funding Received - 165,000  
 Funding Competitive?: Yes

2020/5 - 2024/5  
 Co-investigator A Portable DNA Species Detection Device for Conservation, Grant

**Funding Sources:**

Alberta Innovates  
 Total Funding - 180,000  
 Portion of Funding Received - 60,000 (Canadian dollar)  
 Funding Competitive?: Yes

2020/1 - 2023/12  
 Co-investigator A Portable DNA Testing Device for Conservation, Grant

**Funding Sources:**

Canadian Oil Sands Innovation Alliance (COSIA)  
 Total Funding - 180,000  
 Portion of Funding Received - 60,000  
 Funding Competitive?: Yes

Natural Sciences and Engineering Research Council of Canada (NSERC)  
 Collaborative Research and Development Grant  
 Total Funding - 288,000  
 Portion of Funding Received - 95,000  
 Funding Competitive?: Yes

2019/1 - 2023/12  
 Principal Investigator Factors influencing wolverine populations -additional funds, not under other wolverine projects, Grant

**Funding Sources:**

Various Donors and Univ. of Calgary  
 Total Funding - 184,000  
 Portion of Funding Received - 184,000 (Canadian dollar)  
 Funding Competitive?: No

2017/9 - 2022/9  
 Co-investigator One-health approach to echinococcosis (Echinococcus multilocularis) in client owned dogs in Alberta: force of infection, risk factors, diagnostics, treatments and information, Grant

**Funding Sources:**

MITACS and Bayer  
 Total Funding - 60,000  
 Portion of Funding Received - 60,000  
 Funding Competitive?: Yes

2021/2 - 2022/6 Effects of human and natural habitat factors on wolverine density and connectivity, Grant



Principal Investigator Project Description: MITACS. Intern: Mirjam Barrueto PhD student

**Funding Sources:**

Mathematics of Information Technology and Complex Systems (MITACS)  
Total Funding - 30,000  
Portion of Funding Received - 30,000 (Canadian dollar)  
Funding Competitive?: Yes

2018/4 - 2021/12  
Collaborator Use of genomics to manage and protect caribou populations, Grant

**Funding Sources:**

Genome Quebec  
Genome Canada competition - Genomic Applications Partnership Program (GAPP)  
Total Funding - 3,000,000  
Portion of Funding Received - 0  
Funding Competitive?: Yes

2015/9 - 2021/9  
Co-investigator Wildlife Health Ecology Research Group (WHERG), Grant

**Funding Sources:**

Faculty of Veterinary Medicine | University of Calgary  
Total Funding - 50,000  
Portion of Funding Received - 5,000  
Funding Competitive?: No

2018/3 - 2021/6  
Principal Investigator Natural and human factors influencing wolverine populations, Grant

**Funding Sources:**

Yellowstone to Yukon Conservation Initiative  
Total Funding - 142,000  
Portion of Funding Received - 142,000  
Funding Competitive?: No

2020/1 - 2021/3  
Principal Investigator Caribou Genetics Review - Jasper National Park, Grant

**Funding Sources:**

Parks Canada  
Total Funding - 34,000  
Portion of Funding Received - 34,000  
Funding Competitive?: Yes

**Completed [n=28]**

2019/6 - 2020/12  
Principal Investigator Genetics and gene flow among wolverine populations, Grant

**Funding Sources:**

Earth Rangers  
Total Funding - 10,000  
Portion of Funding Received - 10,000 (Canadian dollar)  
Funding Competitive?: No

2011/3 - 2020/12  
Principal Investigator Scaling Up the Role of Predation in Caribou Declines, Grant

**Funding Sources:**

Petroleum Technology Alliance of Canada (PTAC)  
Alberta Upstream Petroleum Research Fund (AUPRF)  
Total Funding - 360,537  
Portion of Funding Received - 360,537  
Funding Competitive?: Yes

2020/4 - 2020/8  
Principal Investigator  
Habitat security mapping for improving human-wildlife coexistence in the Bow Valley, Grant  
Project Description: MITACS. Intern: Jessica Theoret Master's student

**Funding Sources:**

Mathematics of Information Technology and Complex Systems (MITACS)  
Total Funding - 15,000  
Portion of Funding Received - 15,000 (Canadian dollar)  
Funding Competitive?: Yes

2019/9 - 2019/12  
Principal Investigator  
The spatial distribution and host partitioning of the European strain of Echinococcus multilocularis in Western Canada, Grant  
Project Description: Mitacs Globalink Research Award- Abroad. Intern: Alejandra Santa PhD student

**Funding Sources:**

Mathematics of Information Technology and Complex Systems (MITACS)  
Total Funding - 6,000  
Portion of Funding Received - 6,000 (Canadian dollar)  
Funding Competitive?: Yes

2018/1 - 2019/6  
Principal Investigator  
Redefining Designable Units of Caribou, Grant

**Funding Sources:**

Petroleum Technology Alliance of Canada (PTAC)  
Total Funding - 61,327  
Portion of Funding Received - 61,327 (Canadian dollar)  
Funding Competitive?: Yes

2018/5 - 2019/5  
Principal Investigator  
Conservation genetics of caribou in British Columbia, Grant

**Funding Sources:**

Ministry of Forests - British Columbia (Victoria, BC)  
Total Funding - 25,000  
Portion of Funding Received - 25,000  
Funding Competitive?: No

2012/5 - 2019/4  
Collaborator  
NSERC CREATE in Host-Parasite Interactions (HPI) to model basic biological principles: From research and education to career path, Grant

**Funding Sources:**

Natural Sciences and Engineering Research Council of Canada (NSERC)  
CREATE  
Total Funding - 1,650,000  
Portion of Funding Received - 0  
Funding Competitive?: Yes

2018/4 - 2019/3  
Effects of human disturbances on female wolverines, Grant

Principal Investigator	<b>Funding by Year:</b> 2018/4 - 2019/3	Total Funding - 44,100 (Canadian dollar)
	<b>Funding Sources:</b>	Habitat Conservation Trust Fund Total Funding - 44,100 Portion of Funding Received - 44,100 Funding Competitive?: Yes
2017/2 - 2018/8 Principal Investigator	Influences of Industry on Woodland Caribou Decline in Northern Manitoba and West-Central Alberta, Grant	
	<b>Funding Sources:</b>	Government of Manitoba Total Funding - 7,000 Portion of Funding Received - 7,000 Funding Competitive?: No
2017/7 - 2018/3 Principal Investigator	Directing genetics, ecology and their correlation of caribou in Yukon for management and conservation practices, Grant	
	<b>Funding Sources:</b>	Yukon Territorial Government Total Funding - 11,350 Portion of Funding Received - 11,350 Funding Competitive?: Yes
2016/4 - 2018/3 Co-investigator	Determining genomic characteristics of caribou in Alberta for management and conservation practices, Grant	
	<b>Funding Sources:</b>	Alberta Conservation Association Total Funding - 9,150 Portion of Funding Received - 9,150 Funding Competitive?: Yes
2013/11 - 2016/10 Principal Investigator	Grizzly Bear Trends and Populations in the North, Grant	
	<b>Funding Sources:</b>	2013/11 - 2016/10 Initiative partnering academia, DeBeers and Government of the Northwest Territories Total Funding - 160,000 (Canadian dollar) Portion of Funding Received - 160,000 (Canadian dollar) Funding Competitive?: Yes
2011/5 - 2016/5 Principal Investigator	Developing multivariate approaches to analyze ecological and genetic variation in caribou and other highly-vagile Mammals (Discovery), Grant Research Uptake: Individual Discovery Grant	
	<b>Funding Sources:</b>	2011/5 - 2016/5 Natural Sciences and Engineering Research Council of Canada (NSERC) Total Funding - 140,000 (Canadian dollar) Portion of Funding Received - 140,000 (Canadian dollar) Funding Competitive?: Yes
2014/4 - 2015/12 Principal Investigator	Human vs natural influences and mitigation measures on the Central Mountain caribou of Alberta, Grant	

**Funding Sources:**

2014/4 - 2015/3 Shell Canada Ltd  
 Total Funding - 41,025 (Canadian dollar)  
 Portion of Funding Received - 41,025 (Canadian dollar)  
 Funding Competitive?: Yes

2013/9 - 2015/9 Agent-based modeling as an innovative tool to simulate disease dynamics at the wildlife  
 Collaborator livestock interface for decision-making, Grant

**Funding Sources:**

Alberta Livestock and Meat Agency Ltd. (ALMA)  
 Total Funding - 145,600  
 Portion of Funding Received - 50,000  
 Funding Competitive?: Yes

2008/11 - 2013/10 Access management for wildlife conservation, NSERC Collaborative Research and  
 Co-investigator Development Grant (CRD), Grant

**Funding Sources:**

2008/11 - 2013/10 Shell Canada Ltd  
 Total Funding - 950,000 (Canadian dollar)  
 Portion of Funding Received - 300,000 (Canadian dollar)  
 Funding Competitive?: Yes

2008/11 - 2013/10 Natural Sciences and Engineering Research Council of Canada  
 (NSERC)  
 Total Funding - 750,000 (Canadian dollar)  
 Portion of Funding Received - 250,000 (Canadian dollar)  
 Funding Competitive?: Yes

2010/4 - 2013/3 The genomic and ecological context of a major gene under selection in natural  
 Collaborator populations, Grant

**Funding Sources:**

2010/4 - 2013/3 National Science Foundation (NSF)  
 Total Funding - 756,689 (Canadian dollar)  
 Portion of Funding Received - 50,000 (Canadian dollar)  
 Funding Competitive?: Yes

2011/10 - 2012/9 A scenario planning model to forecast land use intensification and mitigation measures on  
 Co-investigator Alberta woodland caribou, Grant

**Funding Sources:**

2011/10 - 2012/9 GEOIDE  
 Total Funding - 80,000 (Canadian dollar)  
 Portion of Funding Received - 80,000 (Canadian dollar)  
 Funding Competitive?: Yes

2011/10 - 2012/9 Networks of Centres of Excellence  
 Total Funding - 5,000 (Canadian dollar)  
 Portion of Funding Received - 5,000 (Canadian dollar)  
 Funding Competitive?: Yes

2009/4 - 2012/3 Prevalence and contact structure analysis for transmission of important production limiting  
 Co-investigator diseases of cattle and elk, Grant

**Funding Sources:**

2009/4 - 2012/3 Canadian Cattlemen's Association  
 Total Funding - 300,000 (Canadian dollar)  
 Portion of Funding Received - 50,000 (Canadian dollar)  
 Funding Competitive?: Yes

2009/9 - 2011/8 Development of an agent-based model to assess the industry induced impacts on  
 Co-investigator woodland caribou, Grant

**Funding Sources:**

2009/9 - 2011/8 MITACS Inc. University of British Columbia  
 Total Funding - 70,000 (Canadian dollar)  
 Portion of Funding Received - 70,000 (Canadian dollar)  
 Funding Competitive?: Yes

2008/3 - 2011/3 Genomic-Scale SNP Genotyping of the Arctic Wolf: Ecology and Adaptation over Space  
 Co-investigator and Time, Grant

**Funding Sources:**

2008/3 - 2011/3 National Science Foundation (NSF)  
 Total Funding - 885,000 (Canadian dollar)  
 Portion of Funding Received - 100,000 (Canadian dollar)  
 Funding Competitive?: Yes

2007/10 - 2010/10 Linear Features, Forestry and Wolf Predation of Caribou and Other Prey in West Central  
 Principal Investigator Alberta, Grant

**Funding Sources:**

2007/10 - 2010/10 Petroleum Technology Alliance of Canada (PTAC), Canadian  
 Association of Petroleum Producers (CAPP)  
 Total Funding - 665,000 (Canadian dollar)  
 Portion of Funding Received - 665,000 (Canadian dollar)  
 Funding Competitive?: Yes

2007/10 - 2010/10 Weyerhaeuser Company, Alberta Fish and Wildlife  
 Total Funding - 714,000 (Canadian dollar)  
 Portion of Funding Received - 714,000 (Canadian dollar)  
 Funding Competitive?: Yes

2005/11 - 2007/10 Human effects on large mammal movement patterns, Grant  
 Principal Investigator

**Funding Sources:**

Parks Canada  
 Total Funding - 210,000 (Canadian dollar)  
 Portion of Funding Received - 210,000

2006/1 - 2007/7 Ecology, Management and Safety Concerns for Urban Coyotes in Calgary, AB, Grant  
 Principal Investigator

**Funding Sources:**

URGC Faculty Research Grant  
 Total Funding - 9,000 (Canadian dollar)  
 Portion of Funding Received - 9,000

2003/1 - 2004/12 Development assistance to livestock farmers in the mountainous areas of Serbia. Food  
 Collaborator and Agriculture Organisation (FAO) of the United Nations, New York, NY, USA, Grant

**Funding Sources:**

International  
Total Funding - 1,368,011 (Canadian dollar)  
Portion of Funding Received - 50,000

1999/1 - 2003/12 Northern Canadian Wolf Project Fundraising, Grant

Principal Investigator

**Funding Sources:**

World Wildlife Fund, NWT Government  
Total Funding - 210,000 (Canadian dollar)  
Portion of Funding Received - 210,000

2002/11 - 2003/12 Livestock Damage Prevention and Compensation Programs, Defenders of Wildlife  
Collaborator Canada and USA, The Bailey Wildlife Foundation Wolf Compensation Trust, Grant

**Funding Sources:**

International  
Total Funding - 253,000 (Canadian dollar)  
Portion of Funding Received - 50,000

2000/1 - 2003/12 Southern Alberta Conservation Coop Fundraising, Grant

Principal Investigator

**Funding Sources:**

Alberta Conserv. Association, Alberta Ecotrust, TD Canada Trust  
Total Funding - 212,000 (Canadian dollar)  
Portion of Funding Received - 212,000

**Current Courses Taught (Winter or Fall term, Year 2017 onward)**

- F2021 - BIOL 205 - The Organization and Diversity of Life
- F2021 - ECOL 413 - Field Course in Ecology
- W2022 - ECOL 419 - Terrestrial Communities and Ecosystems
- W2021 - BIOL 451 - Conservation Biology
- W2021 - ECOL 528B - Independent Studies in Ecology
- F2020 - ECOL 413 - Field Course in Ecology
- F2020 - ECOL 507 - Special Problems in Ecology
- F2020 - ECOL 528A - Independent Studies in Ecology
- F2019 - ZOOLOGY 403 - An Introduction to Vertebrate Zoology
- W2019 - BIOL 451 - Conservation Biology
- W2019 - ECOL 501 - Ecological & Evolutionary Applications
- W2019 - ECOL 507.33 - Special Problems in Ecology (Mammals' Ecology, Parasites)
- W2019 - ECOL 507.34 - Special Problems in Ecology (Parasite Ecology)
- W2018 - BIOL 451 - Conservation Biology
- W2018 - ECOL 501 - Ecological & Evolutionary Applications
- W2018 - ECOL 530B - Honours Research Project In Ecol
- F2017 - ECOL 413 - Field Course In Ecology
- F2017 - ECOL 507.26 - Special Problems in Ecology (Canis latrans in Calgary B)
- F2017 - ECOL 530A - Honours Research Project In Ecol
- S2017 - ECOL 507.25 - Special Problems in Ecology (Canis latrans in Calgary A)
- W2017 - ECOL 501 - Ecological & Evolutionary Applications

## Course Development

- 2014/10 Organizer field trip, Faculty of Environmental Design, The University of Calgary  
Course Title: EVDS 626: Landscape planning for wildlife and conservation in Alberta's montane ecoregion  
Course Level: Graduate
- 2004/10 Organizer of Ecology Lectures and Journal Club, Department of Animal and Human Biology, Universita' di Roma  
Course Title: Animal and Human Biology

## Student/Postdoctoral Supervision

### Bachelor's [n=10]

- 2020/1 - 2021/4 Trevor Thompson (In Progress) , University of Calgary  
Principal Supervisor Thesis/Project Title: Sex differences in detection of terrestrial large mammals (obtained PURE Award)  
Present Position: BSc student
- 2019/5 - 2019/8 Sarah Bomhof (Completed) , University of Calgary  
Principal Supervisor Thesis/Project Title: Echinococcus and canid hosts  
Present Position: Undergrad, King's University
- 2019/5 - 2019/8 Kelsey Nishimura (Completed) , University of Calgary  
Principal Supervisor Thesis/Project Title: Echinococcus cycle in urban areas (obtained PURE Award)  
Present Position: Undergrad, University of Calgary
- 2019/1 - 2019/5 Nora Nachareun (Completed) , University of Calgary  
Principal Supervisor Thesis/Project Title: Echinococcus in Calgary  
Present Position: BSc Student
- 2019/1 - 2019/5 Mariana Quintero (Completed) , University of Calgary  
Principal Supervisor Thesis/Project Title: Echinococcus in dogs  
Present Position: BSc Student
- 2018/6 - 2018/7 Paul Lamont (Completed) , Ecole Nationale Veterinaire de Toulouse  
Principal Supervisor Thesis/Project Title: Comparative analysis of Echinococcus infections (obtained Study Abroad Scholarship, France)  
Present Position: BSc Student, Ecole Nationale Veterinaire de Toulouse
- 2017/5 - 2017/12 Meghan Rychyk (Completed) , University of Calgary  
Principal Supervisor Thesis/Project Title: Canis latrans in Calgary (employment, tuition support as University employee)  
Present Position: Research Programs Coordinator, University of Calgary
- 2006/9 - 2008/8 Valentina Peronace (Completed) , University of Siena, Italy  
Academic Advisor Student Degree Start Date: 2006/9  
Student Degree Received Date: 2008/8  
Thesis/Project Title: People, herbivore and carnivore interactions in Banff.  
Present Position: Scientific Consultant, Ministry of the Environment, Italy  
Student Country of Citizenship: Italy



2004/9 - 2006/8  
Academic Advisor  
Elisabetta Tosoni (Completed) , University of Rome, Italy  
Student Degree Start Date: 2004/9  
Student Degree Received Date: 2006/8  
Thesis/Project Title: Seasonality of livestock depredation by wolves.  
Present Position: Coordinator, Bear and Wolf Project, Central Italy  
Student Country of Citizenship: Italy

2002/9 - 2004/8  
Academic Advisor  
Giulia Volpi (Completed) , University of Rome, Italy  
Student Degree Start Date: 2002/9  
Student Degree Received Date: 2004/8  
Thesis/Project Title: Wolf depredation in Italy and Canada  
Present Position: Professional Biologist.

### **Bachelor's Honours [n=1]**

2017/9 - 2018/4  
Principal Supervisor  
Liam Horne (Completed) , University of Calgary  
Student Degree Received Date: 2018/4  
Thesis/Project Title: Caribou migration and reproductive isolation (obtained University of Calgary Undergraduate Merit Award)  
Present Position: Ecological Research Technician, University of Calgary

### **Master's Thesis [n=19]**

2021/1 - 2023/12  
Co-Supervisor  
Anita Michalak (In Progress) , University of Calgary  
Thesis/Project Title: Landscape genomics of British Columbia caribou  
Present Position: Master's Student

2021/1 - 2023/1  
Principal Supervisor  
Tatiana Barcnas (In Progress) , University of Calgary  
Thesis/Project Title: Echinococcus in urban dogs and risk to owners  
Present Position: Master's Student

2019/8 - 2021/1  
Academic Advisor  
Caroline Jasper (Completed) , University of Calgary  
Student Degree Received Date: 2021/1  
Student Degree Expected Date: 2021/1  
Thesis/Project Title: Distribution of Yukon Draba (*Draba yukonensis*)

2019/1 - 2019/7  
Co-Supervisor  
Samridhi Rijal (Completed) , University of Calgary  
Student Degree Received Date: 2019/10  
Thesis/Project Title: Parasitic dynamics in Bighorn Sheep. Note: I supervised for 6 months while a colleague was on sabbatical.  
Present Position: Scientific Writing Tutor, Univ. of Calgary

2019/1 - 2022/1  
Academic Advisor  
Charity Blaney (In Progress) , University of Calgary  
Thesis/Project Title: Human impacts on salamanders  
Present Position: Master's Student

2018/9 - 2021/8  
Academic Advisor  
Chanwoori Jeong (In Progress) , University of Calgary  
Thesis/Project Title: Parasites of Wild Horses  
Present Position: Master's Student

2017/9 - 2021/3  
Principal Supervisor  
Emilie Toews (In Progress) , University of Calgary  
Thesis/Project Title: Ecology of Echinococcus species in dogs (obtained Canadian Collegiate Athletic Association CCAA Academic All-Canadian Award)  
Present Position: Master's student, University of Calgary

- 2016/9 - 2020/9  
Principal Supervisor Jessica Theoret (Completed) , University of Calgary  
Student Degree Start Date: 2016/9  
Student Degree Received Date: 2020/9  
Thesis/Project Title: Morphological and behavioral traits and genetic determination in large mammals (obtained Queen Elizabeth II Scholarship and MITACS)  
Present Position: Parks Canada ecologist
- 2014/9 - 2017/5  
Principal Supervisor Rianne Diepstraten (Completed) , The University of Calgary  
Student Degree Start Date: 2014/9  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: Phenology of Northern plants and bear trends. (Governor General's Gold Medal Nomination) (obtained NSERC CGS M Scholarship)  
Present Position: Biologist, BC Government  
Student Country of Citizenship: Canada
- 2014/9 - 2017/8  
Principal Supervisor Tyler Jessen (Completed) , The University of Calgary  
Student Degree Start Date: 2014/9  
Student Canadian Residency Status: Student Work Permit  
Thesis/Project Title: Grizzly bears, mining and climate in the North.  
Present Position: PhD student (nominated for Vanier scholarship), Univ. of Victoria  
Student Country of Citizenship: United States
- 2012/9 - 2017/5  
Principal Supervisor Joseph Kermish-Wells (Completed) , The University of Calgary  
Student Degree Start Date: 2012/9  
Student Canadian Residency Status: Student Work Permit  
Thesis/Project Title: Grizzly bear predation, human impacts and ungulate dynamics. (obtained Charles E & Walton Kendrew Scholarship, Margaret (Peg) Brown Award In Ecological Design, Allan H Bill Memorial Scholarship, and Robert G Kellaway, Mervyn G Graves, C Sheldon Buckles, Gordon J Cummings Scholarship)  
Present Position: Biologist, California State, U.S.  
Student Country of Citizenship: United States
- 2012/9 - 2014/8  
Academic Advisor Karina Lamy (Completed) , The University of Calgary  
Student Degree Start Date: 2012/9  
Student Degree Received Date: 2014/8  
Thesis/Project Title: Ecology and management of urban coyotes  
Present Position: Resource Management Officer I (Human-Wildlife Conflict Specialist) at Parks Canada
- 2010/9 - 2014/8  
Principal Supervisor Colleen Arnison (Completed) , The University of Calgary  
Student Degree Start Date: 2010/9  
Student Degree Received Date: 2014/8  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: Elk decline and anthropogenic changes. (obtained Charles E & Walton Kendrew Scholarship, Margaret (Peg) Brown Award In Ecological Design, Allan H Bill Memorial Scholarship, and Robert G Kellaway, Mervyn G Graves, C Sheldon Buckles, Gordon J Cummings Scholarship)  
Present Position: Biologist, Parks Canada  
Student Country of Citizenship: Canada
- 2008/9 - 2010/12  
Principal Supervisor Carly Sponarski (Completed) , The University of Calgary  
Student Degree Start Date: 2008/9  
Student Degree Received Date: 2010/12  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: Human attitudes towards wolf-livestock conflicts.  
Present Position: Assistant Professor, The University of Maine  
Student Country of Citizenship: Canada

- 2006/9 - 2008/12  
Principal Supervisor Isabelle Laporte (Completed) , The University of Calgary  
Student Degree Start Date: 2006/9  
Student Degree Received Date: 2008/12  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: The cost of predation on wild and domestic animals.  
Present Position: Natural Resources Canada Biologist  
Student Country of Citizenship: Canada
- 2005/9 - 2008/9  
Principal Supervisor Jenny Coleshill (Completed) , The University of Calgary  
Student Degree Start Date: 2005/9  
Student Degree Received Date: 2008/9  
Thesis/Project Title: Human use of roads and trails affects crossings by wildlife.  
Present Position: Research Associate, Granby Wilderness Society, BC
- 2005/9 - 2008/9  
Principal Supervisor James Rogala (Completed) , The University of Calgary  
Student Degree Start Date: 2005/9  
Student Degree Received Date: 2008/9  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: Fine scale effects of human-use on wildlife.  
Present Position: Parks Canada Research Fellow  
Student Country of Citizenship: Canada
- 2003/9 - 2006/1  
Principal Supervisor Suzanne Stone (Completed) , Prescott College, AZ, U.S.A.  
Student Degree Start Date: 2003/9  
Student Degree Received Date: 2006/1  
Thesis/Project Title: Addressing wold restoration conflicts in the USA.  
Present Position: Northern Rockies Representative for Defenders of Wildlife.
- 2002/9 - 2004/9  
Academic Advisor Tyler Muhly (Completed) , The University of Calgary  
Student Degree Received Date: 2004/9  
Thesis/Project Title: Wolf deapradation and management in south west Alberta

**Doctorate [n=19]**

- 2021/1 - 2024/1  
Principal Supervisor Margaret Hughes (In Progress) , University of Calgary  
Thesis/Project Title: Drivers of isolation of wildlife populations (obtained Alberta Graduate Excellence Scholarship [AGES] - Doctoral)  
Present Position: PhD Student
- 2017/9 - 2021/12  
Principal Supervisor Mirjam Barrueto (In Progress) , University of Calgary  
Thesis/Project Title: Natural and human factors affecting wolverines. (obtained NSERC CGS D Scholarship)  
Present Position: PhD student, University of Calgary
- 2017/1 - 2021/12  
Principal Supervisor Maria Alejandra Santa (In Progress) , University of Calgary  
Thesis/Project Title: Parasitic co-infections: echinococcus and canids (obtained COLFUTURO / Fundación para el futuro de Colombia Carrera Scholarship, Alberta Innovates and MITACS)  
Present Position: PhD Candidate, University of Calgary
- 2015/9 - 2020/7  
Academic Advisor Ken Mori (Completed) , University of Calgary  
Student Degree Received Date: 2019/9  
Student Degree Expected Date: 2020/7  
Thesis/Project Title: Modelling parasite transmission in urban coyotes  
Present Position: PhD Candidate

- 2014/9 - 2020/8  
Principal Supervisor Maria Cavedon (Completed) , The University of Calgary  
Student Degree Start Date: 2014/9  
Student Degree Received Date: 2020/8  
Student Canadian Residency Status: Student Work Permit  
Thesis/Project Title: Competing mechanisms of species decline. (obtained Eyes High  
Doctoral Scholarship -the largest at UofC)  
Present Position: Postdoctoral Fellow, University of Calgary  
Student Country of Citizenship: Italy
- 2014/9 - 2018/8  
Academic Advisor Kyle Plotsky (Completed) , The University of Calgary  
Student Degree Start Date: 2014/9  
Student Degree Received Date: 2019/6  
Thesis/Project Title: Management of coyote depredation in southwestern Alberta  
Present Position: PhD Student
- 2012/9 - 2016/12  
Academic Advisor Robin Steenweg (Completed) , University of montana  
Thesis/Project Title: Monitoring bears and other mammals in Western canada  
Present Position: Alberta Government Biologist
- 2012/9 - 2018/12  
Principal Supervisor Christa Dubesky (Withdrawn) , The University of Calgary  
Student Degree Start Date: 2012/9  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: Trophic relationships and caribou declines. (Withdrawn AFTER  
obtained Faculty position, University College of the North, MB)  
Present Position: Faculty, University College of the North  
Student Country of Citizenship: Canada
- 2012/9 - 2018/5  
Academic Advisor Victoria Lukasik (Completed) , The University of Calgary  
Student Degree Start Date: 2012/9  
Student Degree Received Date: 2018/5  
Thesis/Project Title: Management of "problem" carnivores in Canada  
Present Position: Seeking PostDoc
- 2011/9 - 2015/8  
Academic Advisor Mark Szabo (Completed) , The University of Calgary  
Student Degree Start Date: 2011/9  
Student Degree Received Date: 2016/4  
Thesis/Project Title: Stakeholder inputs in Environmental Impact Assessment  
Present Position: Strategic analysis - kinder morgan
- 2011/9 - 2012/8  
Principal Supervisor Angela Aivaz (Withdrawn) , The University of Calgary  
Student Degree Start Date: 2011/9  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: Conservation genetics and evolutionary ecology of caribou.  
Present Position: Aivaz Environmental Consulting (student withdrew due to pressing  
family reasons)  
Student Country of Citizenship: Canada
- 2009/9 - 2014/10  
Academic Advisor Mathieu Pruvot (Completed) , The University of Calgary  
Student Degree Start Date: 2009/9  
Student Degree Received Date: 2014/10  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: Disease transmission between wild ungulates and cattle.  
Present Position: Veterinary doctor, Wildlife Conservation Society

- 2008/9 - 2012/8  
Academic Advisor  
Wibke Peters (Completed) , University of Montana  
Student Degree Start Date: 2008/9  
Student Degree Received Date: 2012/8  
Thesis/Project Title: Moose population dynamics and predation.  
Present Position: Edmund Mach Foundation Biologist
- 2007/9 - 2012/8  
Academic Advisor  
Nick DeCesare (Completed) , University of Montana  
Student Degree Start Date: 2007/9  
Student Degree Received Date: 2012/8  
Thesis/Project Title: Predation and Caribou Dynamics in the Rockies.  
Present Position: Research Associate, Department of the Interior, U.S.A.  
Student Country of Citizenship: United States
- 2007/9 - 2013/1  
Principal Supervisor  
Byron Weckworth (Completed) , The University of Calgary  
Student Degree Start Date: 2007/9  
Student Degree Received Date: 2012/8  
Student Canadian Residency Status: Student Work Permit  
Thesis/Project Title: Conservation genetics of woodland caribou. (obtained Alberta Ingenuity Fund Graduate Student Scholarship)  
Present Position: Regional Scientist/China Program Director, Panthera, Missoula, MT  
Student Country of Citizenship: United States
- 2007/9 - 2008/8  
Co-Supervisor  
Allan McDevitt (Completed) , University of Dublin  
Student Degree Start Date: 2004/10  
Student Degree Received Date: 2008/8  
Thesis/Project Title: Caribou Evolutionarily Significant Units.  
Present Position: Lecturer (Assistant Prof), University of Salford, UK  
Student Country of Citizenship: Ireland
- 2006/9 - 2010/1  
Principal Supervisor  
Tyler Muhly (Completed) , The University of Calgary  
Student Degree Start Date: 2006/9  
Student Degree Received Date: 2010/1  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: Human land use and ecosystem effects.  
Present Position: Environmental Consultant, Stantec Inc.  
Student Country of Citizenship: Canada
- 2005/9 - 2009/8  
Academic Advisor  
Anwar Sk. Morshed (Completed) , The University of Calgary  
Student Degree Received Date: 2009/8  
Thesis/Project Title: A multi-agent model of mammal behavior.  
Present Position: GIS analyst
- 2005/9 - 2009/8  
Academic Advisor  
Astrid Vik Stronen (Completed) , The University of New Brunswick  
Student Degree Start Date: 2005/9  
Student Degree Received Date: 2009/8  
Thesis/Project Title: Wolf disease, genetics and dispersal in Manitoba.  
Present Position: Postdoctoral Fellow, Mammal Research Institute, Poland
- Post-doctorate [n=8]**
- 2020/10 - 2021/10  
Principal Supervisor  
Maria Cavedon (In Progress) , University of Calgary  
Thesis/Project Title: Real-time DNA detection of large mammals in the field  
Present Position: Postdoctoral Fellow

- 2014/9 - 2015/9  
Co-Supervisor  
Chrysoula Gkoumpili (Completed) , University of Salford  
Student Degree Start Date: 2015/6  
Thesis/Project Title: Ecological genomics of the North American caribou.  
Present Position: Biologist, Ministry of the Environment, Greece  
Student Country of Citizenship: Greece
- 2012/11 - 2013/11  
Principal Supervisor  
Chrysoula Gkoumpili (Completed) , The University of Calgary  
Student Degree Start Date: 2012/11  
Student Degree Received Date: 2013/11  
Student Canadian Residency Status: Work Permit  
Thesis/Project Title: Spatial genetic and ecological variation in Mammals.  
Present Position: Biologist, Ministry of the Environment, Greece  
Student Country of Citizenship: Greece
- 2012/1 - 2012/8  
Principal Supervisor  
Philippe Henry (Completed) , The University of Calgary  
Student Degree Start Date: 2012/1  
Student Degree Received Date: 2012/8  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: Evolution of cervids in the Rockies.  
Present Position: Assistant Professor, University of Northern British Columbia  
Student Country of Citizenship: Canada
- 2010/4 - 2013/9  
Co-Supervisor  
Simone Ciuti (Completed) , University of Alberta  
Student Degree Start Date: 2010/4  
Student Degree Received Date: 2013/9  
Thesis/Project Title: Human impacts on elk behaviour in Alberta.  
Present Position: Assistant Professor, University College Dublin
- 2009/6 - 2013/1  
Co-Supervisor  
Christina Semeniuk (Completed) , The University of Calgary  
Student Degree Start Date: 2009/6  
Student Degree Received Date: 2012/8  
Student Canadian Residency Status: Canadian Citizen  
Thesis/Project Title: A multi-agent spatial model for species survival. (MITACS Post-doctoral Fellow)  
Present Position: Associate Professor, University of Windsor
- 2008/11 - 2010/10  
Principal Supervisor  
Allan McDevitt (Completed) , The University of Calgary  
Student Degree Start Date: 2008/11  
Student Degree Received Date: 2010/10  
Student Canadian Residency Status: Work Permit  
Thesis/Project Title: Mammalian habitat selection and evolution.  
Present Position: Lecturer (Assistant Prof), University of Salford, UK  
Student Country of Citizenship: Ireland
- 2007/7 - 2009/12  
Co-Supervisor  
Hugh Robinson (Completed) , University of Montana  
Student Degree Start Date: 2007/7  
Student Degree Received Date: 2009/12  
Thesis/Project Title: Fire and Caribou Dynamics in the Rockies.  
Present Position: Research Fellow, Wildlife Conservation Society

**Research Associate [n=1]**

2007/1 - 2007/10      Alessandro Massolo (Completed) , Banff National Park  
 Academic Advisor      Student Degree Start Date: 2007/1  
                                  Student Degree Received Date: 2007/10  
                                  Thesis/Project Title: Analyses on a multispecies system in Banff National Park  
                                  Present Position: Associate Professor, University of Pisa, Italy  
                                  Student Country of Citizenship: Italy

**Technician [n=8]**

2019/1 - 2019/5      Heather Slivinski (Completed) , University of Calgary  
 Principal Supervisor      Thesis/Project Title: Wolverine ecology in the Rockies  
                                  Present Position: Technician, Parks Canada

2019/1 - 2019/5      Steve Bertollo (Completed) , University of Calgary  
 Principal Supervisor      Thesis/Project Title: Wolverine ecology in the Rockies  
                                  Present Position: Technician, Parks Canada

2019/1 - 2019/5      Leo Levesque (Completed) , University of Calgary  
 Principal Supervisor      Thesis/Project Title: Wolverine ecology in the Rockies  
                                  Present Position: Technician, Parks Canada

2018/1 - 2018/5      Tracy Woitenko (Completed) , University of Calgary  
 Principal Supervisor      Thesis/Project Title: Wolverine Ecology in the Rockies  
                                  Present Position: Development Planner, Town of Canmore

2017/11 - 2018/7      Michele Hueber (Completed) , University of Calgary  
 Principal Supervisor      Thesis/Project Title: Wolverine population estimates in southern Alberta and BC  
                                  Present Position: Parks Canada Technician

2014/5 - 2014/10      Brady McLeod (Completed) , University of Calgary  
 Principal Supervisor      Thesis/Project Title: Grizzly Bear Ecology in West-Central Alberta  
                                  Present Position: Undergraduate Student, Univ. College North

2013/6 - 2014/9      Joseph Catholic (Completed) , University of Calgary  
 Principal Supervisor      Thesis/Project Title: Grizzly bear ecology in the tundra of the Northwest Territories  
                                  (obtained Lutsel K'e Dene First Nation Grant)  
                                  Present Position: Wildlife Officer, Lutsel K'e Dene First Nation

2012/7 - 2013/8      Delphine Ducros (Completed) , University of Calgary  
 Principal Supervisor      Thesis/Project Title: Grizzly Bear predation in Western Canada  
                                  Present Position: PhD Candidate, Institut national de la recherche agronomique

**Event Administration**

Organizer and Science Director, World Wolf Congress 2003, Banff, Alberta, Canada, Conference, 2003/9 - 2003/9  
 An extremely successful meeting with over 500 delegates coming from all continents.  
 Duties: Congress Organizer and Science Director (together with a colleague), Member of Scientific Advisory Committee, Abstract Review Coordinator, Member of Steering Committee

Organizer, Ecological differentiation in terrestrial and marine environments, Workshop, 2008/12 - 2008/12

Duties:Member of Organizing Committee. Location:UCD School of Biology & Environmental Science, University CollegeDublin, Ireland

Organizer, Environmental and genetic influences on mammalian evolution, Workshop, 2005/12 - 2005/12

Duties:Member of Organizing Committee. Location:University of Chieti, Italy

Organizer, Landscape ecology and evolution, Workshop, 2008/10 - 2008/10

Duties:Organizer. Location: Faculty ofEnvironmental Design, University of Calgary

Organizer, Designing Our Worlds: 35 Years of interdisciplinary, Conference, 2006/10 - 2006/10

Member of Organizing Committee for symposium celebrating the 35th Anniversary of the Faculty of Environmental Design, University of Calgary

2011/5 - 2011/8

Scientific Committee, Arctic Ungulate Conference (AUC), Reviewed abstracts submitted. Planned work as Session Chair and Invited Speaker., Conference, 2011/8 - 2011/8

## Editorial Activities

2017/7 - 2022/7

Associate Editor, Hystrix - the Italian Journal of Mammalogy, Journal

2013/6 - 2013/6

Reviewer, For Johns Hopkins University Press: Ecology and management of urban coyotes, Stan Gehrt, Book

2013/6 - 2013/6

Reviewer, For Cambridge University Press: The Ecology, Management and Conservation of the Scandinavian Wolf, Sand, Liberg and Wabakken, Book

2011/6 - 2011/6

Reviewer, For The University of Chicago Press; example: Ignoring Nature: Animal Losses and What We Must Do about Them, Marc Bekoff, Sarah Bexell, Book

2003/9 - 2003/9

Chair, Understanding and predicting wolf depredation occurrences, and managing wolves lethally and non-lethally, World Wolf Congress 2003, Banff, Alberta, Canada, Conference Abstract

1998/8 - 1998/8

Chair, Wildlife Physiology, Euro-American Mammal Congress, Santiago de Compostela, Spain, 1998, Conference Abstract

## Journal Review Activities

Reviewer, Ecological Modelling

Reviewer, Mammal Research

Reviewer, American Journal of Agricultural Economics

Reviewer, Acta Theriologica

Reviewer, Journal of Heredity

Reviewer, BioScience

Reviewer, Arctic

Reviewer, Evolutionary Applications

Reviewer, Biological Conservation

Reviewer, Rangifer

Reviewer, Oecologia



Reviewer, Biology Letters  
Reviewer, Ecology and Evolution  
Reviewer, Journal of Applied Ecology  
Reviewer, Conservation Biology  
Reviewer, Journal of Mammalogy  
Reviewer, Ecological Applications  
Reviewer, Animals  
Reviewer, BMC Evolutionary Biology  
Reviewer, The Wildlife Society Bulletin  
Reviewer, Hystrix, the Italian Journal of Mammalogy  
Reviewer, Heredity  
Reviewer, Conservation Science and Practice  
Reviewer, Molecular Ecology  
Reviewer, Conservation Genetics  
Reviewer, Oikos  
Reviewer, Behavioral Ecology and Sociobiology  
Reviewer, Wildlife Research  
Reviewer, Mammalian Genome  
Reviewer, Rangeland Ecology and Management  
Reviewer, The Journal of Wildlife Management  
Reviewer, Mammalian Biology  
Reviewer, Ecosphere

## Graduate Examination Activities

2021/7	PhD Oral Exam Member, Maria Arifin, The University of Calgary
2020/8	Candidacy Committee Member, Pamela Narváez, Anthropology, The University of Calgary
2015/2	Master's Oral Exam Member, Barbara Dupuis, Faculty of Environmental Design, The University of Calgary
2014/8	Master's Oral Exam Member, Katherine Elizabeth Rasmussen, Faculty of Environmental Design, The University of Calgary
2014/3	PhD Oral Exam Member, Barbara Zimmermann, Faculty of Forestry and Wildlife Management, Hedmark University College
2013/7	Master's Oral Exam Member, Janna So, Faculty of Environmental Design, The University of Calgary
2013/3	PhD Oral Exam Chair, Ola Jarrar, Faculty of Environmental Design, The University of Calgary
2012/9	PhD Oral Exam Member, Guilherme G. Verocai, Veterinary Medicine, The University of Calgary

2012/5	PhD Oral Exam Chair, Inna Platonova, Faculty of Environmental Design, The University of Calgary
2012/4	Master's Oral Exam Chair, Kate van Fraassen, Faculty of Environmental Design, The University of Calgary
2012/3	PhD Oral Exam Member, Catherine Lambert-Koizumi, Biological Sciences, University of Alberta
2012/1	PhD Oral Exam Member, Chandra Venables, Biology, The University of Calgary
2011/12	PhD Oral Exam Chair, Andrew Jakes, Faculty of Environmental Design, The University of Calgary
2011/11	PhD Oral Exam Member, Jenny Glikman, Geography, Memorial University of Newfoundland
2011/6	Master's Oral Exam Member, Ellen Lea, Faculty of Environmental Design, The University of Calgary
2010/4	Master's Oral Exam Member, Jesse Chambers, Faculty of Environmental Design, The University of Calgary
2009/6	Master's Oral Exam Member, Jessica Elliot, Faculty of Environmental Design, The University of Calgary
2009/4	Master's Oral Exam Member, Dennis Jorgensen, Faculty of Environmental Design, The University of Calgary
2009/3	Master's Oral Exam Member, Barbara Maria Sobota, Geography, The University of Calgary
2008/9	Master's Oral Exam Member, Sarah Marcan, Faculty of Environmental Design, The University of Calgary
2008/9	Master's Oral Exam Member, Jeannette Elmor, Faculty of Environmental Design, The University of Calgary
2007/9	Master's Oral Exam Member, Melissa Bain, Faculty of Environmental Design, The University of Calgary
2007/3	Master's Oral Exam Member, Adam McLane, Geography, Social Sciences, The University of Calgary
2006/11	Master's Oral Exam Member, Rajvinder Kaushal, Geography, The University of Calgary
2006/10	Master's Oral Exam Member, Bridget Couban, Faculty of Environmental Design, The University of Calgary
2006/9	Master's Oral Exam Member, Heather Anne Rudd, Geography, The University of Calgary
2006/5	Master's Oral Exam Member, Jose Quintero-Perez, Geography, The University of Calgary
2006/3	Master's Oral Exam Member, Ujval Sharad Purohit, Geography, The University of Calgary
2006/1	Master's Oral Exam Member, Scott Truswell, Faculty of Environmental Design, The University of Calgary
2005/10	Master's Oral Exam Member, Julie Lefebvre, Faculty of Environmental Design, The University of Calgary
2005/9	Master's Oral Exam Member, Joall Borggard, Faculty of Environmental Design, The University of Calgary
2020/6 - 2020/6	Examiner, Amanda Dickson, Master's Proposal Defense, Geography, The University of Calgary

- 2019/8 - 2019/8 Master's Oral Exam Member, Yifei Ma, The University of Calgary
- 2017/11 - 2017/11 Master's Oral Exam Chair, Cahoon, Lisa Marlene, The University of Calgary

## Research Funding Application Assessment Activities

- 2012/7 External Reviewer, Collaborative Research and Development Grant Proposals, Academic Reviewer, Natural Sciences and Engineering Research Council of Canada (NSERC)  
Number of Applications Assessed: 4
- 2012/5 External Reviewer, Discovery Grant Applications, Academic Reviewer, Natural Sciences and Engineering Research Council of Canada (NSERC)  
Number of Applications Assessed: 5
- 2005/3 External Reviewer, Academic Reviewer, Alberta Conservation Association Grant Eligible Conservation Fund  
Number of Applications Assessed: 11
- 2021/9 - 2021/10 External Reviewer, Discovery Grants Applications, Academic Reviewer, The University of Calgary  
Number of Applications Assessed: 3
- 2021/9 - 2021/10 External Reviewer, NSERC – Discovery Grants program applications, Academic Reviewer, The University of Calgary
- 2020/9 - 2020/10 External Reviewer, NSERC – Discovery Grants program applications, Academic Reviewer, The University of Calgary  
Number of Applications Assessed: 2
- 2019/9 - 2019/11 External Reviewer, Canada Foundation for Innovation (CFI) -JELF. Reviewer of applications., Academic Reviewer, The University of Calgary

## Promotion Tenure Assessment Activities

- 2014/9 Reviewer, Geography, University of Victoria  
Evaluating the scholarship and professional achievements of an Assistant Professor, who was considered separately for tenure and promotion to the rank of Associate Professor.

## Organizational Review Activities

- 2013/9 - 2014/9 Reviewer, Alberta Tourism, Parks & Recreation, Alberta Environment and Sustainable Resource Development  
Reviewer for management project under the title "Conflicts with agriculture, wolves and beef cattle in the ranch-lands of Alberta"
- 2006/7 - 2010/7 Reviewer, Banff National Park, Government of Canada  
Reviewer for management project under the title "Carnivore Management in Populated Areas of Banff National Park"
- 2005/1 - 2007/1 Reviewer, The U.S. Fish & Wildlife Service (USFWS), U.S. Department of Agriculture-Wildlife Services (USDA)  
Reviewer for research and management projects under the title "Population Viability Analysis, The Wolf Reintroduction Program in the North-western USA"
- 2003/1 - 2007/1 Reviewer, The Wolf Reintroduction Program in the North-western USA, Defenders of Wildlife, Washington, DC, USA  
Reviewer for management project under the title "Carnivore Damage Prevention, Conflicts with Agriculture and Compensation Programs"

2004/9 - 2005/9 Reviewer, The U.S. Fish & Wildlife Service (USFWS), U.S. Department of Agriculture-Wildlife Service (USDA)  
Reviewer for management project under the title "Conflicts with Agriculture, The Wolf Reintroduction Program in the South-western USA"

## Event Participation

2015/4 - 2015/4 Presenter, Ranchlands Beavers, Seminar  
Organized an afternoon event on wolves for this important Youth Group.

2014/4 - 2014/4 Presenter, Ranchlands Beavers, Seminar  
Organized an afternoon event on wolves for this important Youth Group.

2013/4 - 2013/4 Presenter, Ranchlands Beavers, Seminar  
Organized an afternoon event on wolves for this important Youth Group.

2012/5 - 2012/5 Organiser, Calgary Quest School, Workshop  
Worked with Elementary School for Differently Abled Students

2011/3 - 2011/3 Instructor, Naturalist's Weekend, Workshop  
Served as Instructor for Naturalist's Weekend—an Important Outreach Initiative and Workshop

## Community and Volunteer Activities

2006/3 Volunteer, City of Calgary  
Organizing tree-planting and recreation activities for children.

2005/4 Mentor, Farmers  
Sondra Corff is a 75-years-old, widowed sheep farmer. I helped her writing a paper, in which I appear in the Acknowledgements: Corff, S. 2005. Livestock guardian dogs protect sheep in the Alberta Foothills, Canada. Carnivore Damage Prevention News. 9:24-26.  
During the project, Sondra and her sheep lived a better life.

2018/1 - 2019/12 Volunteer, CISV International Camps | CISV International Programmes  
Volunteered for CISV International, a global organization dedicated to educating and inspiring for peace through building inter-cultural friendship, cooperation, and understanding.

## Knowledge and Technology Translation

2021/1 - 2021/1 Observer, Technology, Product, Process, Service Improvement/Development Group/Organization/Business Serviced: Parks Canada  
Target Stakeholder: Government Personnel  
Outcome / Deliverable: Scientific Review of Parks Canada's Jasper Caribou Conservation Breeding Program Workshop  
Activity Description: 5 x 2 hours sessions

## International Collaboration Activities

2017/1 International Faculty Member, Italy  
PhD Program. Biology, Università degli studi di Pisa. ROLE: I conduct seminars and mentor students every month. European Union guidelines favour international participation, like mine

2007/9	Faculty Affiliate, United States College of Forestry and Conservation, University of Montana. ROLE: I meet with UofM colleagues. I serve as Investigator on collaborative research projects. I serve on graduate students Committees.
2020/3 - 2020/3	Visiting Scholar, Italy European Union Erasmus+ Mobility Program, University of Pisa, Italy
1980/4 - 1998/7	Organiser, Italy The World Wildlife Fund, Italy and International Organization of conservation initiatives involving youth and education. Contribution to National and International project of nature conservation and citizen participation.

## Committee Memberships

2018/9 - 2021/12	Committee Member, The Faculty Association of the University of Calgary, The University of Calgary
2011/7 - 2021/12	Committee Member, MGEAR: Margaret Gunn Endowment for Animal Research, The University of Calgary
2018/9 - 2019/12	Committee Member, NSERC Vanier Committee (2 consecutive years), The University of Calgary
2017/11 - 2019/3	Committee Member, NSERC Doctoral competition (2 consecutive years), The University of Calgary
2018/1 - 2018/3	Committee Member, Graduate Award Competition, The University of Calgary
2017/6 - 2017/12	Committee Member, Search and Selection Committee, Conservation Medicine Position, Vet Med Faculty, The University of Calgary
2017/3 - 2017/8	Committee Member, Search and Selection Committee, Wildlife Health Ecology Position, Vet Med Faculty, The University of Calgary
2014/9 - 2017/8	Committee Member, Caribou Captive Breeding and Augmentation/Reintroduction Group. Conservation Breeding Specialist Group (CBSG) of the International Union for the Conservation of Nature (IUCN), Parks Canada, and the Foothills Research Institute, Parks Canada
2015/6 - 2017/7	Committee Member, General Faculty Council (GFC), Standing Committee for Research and Scholarship, The University of Calgary
2017/1 - 2017/5	Committee Member, Search and Selection Committee, Italian Instructor Position, Faculty of Arts, The University of Calgary
2015/9 - 2016/8	Committee Member, Awards Committee, Faculty of Environmental Design, The University of Calgary
2015/10 - 2016/2	Committee Member, Provost's Appointee Faculty of Arts Faculty Tenure and Promotion Committee (FTPC), The University of Calgary
2007/9 - 2015/6	Committee Member, Faculty of Environmental Design Representative on Veterinary Medicine Faculty Council, The University of Calgary
2007/9 - 2015/6	Committee Member, Faculty of Environmental Design's Faculty Promotions Committee, The University of Calgary
2005/9 - 2014/6	Committee Member, Representative to Science Faculty Council, Faculty of Environmental Design, The University of Calgary

2013/9 - 2014/5	Committee Member, University Research Grants Committee (URGC), The University of Calgary
2013/3 - 2013/6	Committee Member, Search Committee, Landscape Ecology and Design position, Faculty of Environmental Design, The University of Calgary
2013/3 - 2013/5	Committee Member, Academic Awards Committee Faculty of Graduate Studies, The University of Calgary
2011/9 - 2012/8	Committee Member, Faculty of Environmental Design's Research & Scholarship Leave Committee, The University of Calgary
2009/9 - 2010/8	Committee Member, EVDS Student Conference 2009. Faculty of Environmental Design, The University of Calgary
2008/9 - 2010/8	Committee Member, Faculty of Environmental Design's Marketing Working Group, The University of Calgary
2009/5 - 2009/9	Committee Member, Encana Chair Selection Committee Hiring Committee, Faculty of Environmental Design, The University of Calgary
2008/9 - 2009/8	Committee Member, Faculty of Environmental Design's Academic Appointment Review Committee, The University of Calgary
2008/10 - 2009/6	Committee Member, Faculty of Environmental Design's Revenue Generating 'think tank', The University of Calgary
2006/10 - 2008/9	Committee Member, Masters' Admissions Committee, Faculty of Environmental Design, The University of Calgary
2006/8 - 2008/8	Committee Member, Waugh Scholarship Committee, The University of Calgary Examining student portfolios, testing students and assigning scholarships
2007/11 - 2008/6	Committee Member, Hiring Committee for Wildlife Health Ecologist, Faculty of Veterinary Medicine, The University of Calgary
2007/7 - 2007/12	Committee Member, Hiring Committee for Herd Health Professorship, Faculty of Veterinary Medicine, The University of Calgary
2006/9 - 2007/6	Committee Member, Faculty of Environmental Design's Research Development Committee, The University of Calgary Duties: Develop ideas, directions, strategies and guidelines for research in the Faculty
2000/3 - 2001/5	Committee Member, Student Member of Admissions and Scholarships Committee, Ph.D. Program, The University of Calgary Reviewed and evaluated applications for admission or scholarship at the PhD level

## Other Memberships

2009/1	Patron, UK Wolf Conservation Trust The Trust supports education, conservation and research. I provide scientific inputs on international research activities.
2017/1 - 2021/12	Member, Canadian Society for Ecology and Evolution (CSEE)
2013/3 - 2016/12	Member, The Society of Conservation Biology
2011/5 - 2016/12	Member, The Wildlife Society
2005/3 - 2012/3	Member, The International Association for Landscape Ecology (United States: US-IALE)

## Presentations

1. Musiani. (2021). Wolves, Livestock, and the Physical and Social Environments. Consulate General of Italy in Vancouver, Society of Italian Researchers & Professionals in Western Canada (ARPICO), Keynote talk in celebration of Italian Research in the World Day., Vancouver, Canada  
Main Audience: General Public  
Invited?: Yes, Keynote?: Yes
2. Musiani. (2018). Grizzly bear foraging ecology and predation. Calgary Field Naturalists, Kananaskis, Canada  
Main Audience: General Public  
Invited?: Yes, Keynote?: No
3. Musiani. (2018). Ecology, genetics and conservation units despite gene flow in highly-vagile terrestrial Mammals (caribou and wolves). Dialoghi sul comportamento animale. PhD Program Seminar Series, Pisa, Italy  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
4. Musiani M. (2017). Grizzly bears and railways: maladaptation. Final Forum of the Grizzly Bear Conservation Initiative, Banff, Canada  
Main Audience: Decision Maker  
Invited?: Yes, Keynote?: No
5. Musiani M. (2016). A Framework for Mitigating Wolf-Human Conflict over Livestock Predation in Canada. Alberta Beef Producers, Wildlife Committee Meeting, Calgary, Canada  
Main Audience: Knowledge User  
Invited?: Yes, Keynote?: No
6. Musiani M. (2015). Variation of Endangered Caribou and Reindeer: Reconciling Conservation & Evolutionary Unites. University of Princeton/Special Seminars, New Jersey, United States  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
7. Musiani M. (2013). Will accepting the role of humans as ecosystem engineers overshadow the bottom-up vs. top down debate?. University of Salford, Manchester, UK, Manchester, United Kingdom  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
8. Weckworth\* BV, DeCesare NJ, McDevitt\* AD, Hebblewhite M, Mariani S, Musiani M. (2012). Molecular Ecology and Conservation of Caribou (*Rangifer tarandus*) in Western North America. Peking University in the School of Life Sciences, Beijing, China  
Invited?: Yes, Keynote?: No
9. Musiani. (2011). Ecological Functions of Wolves and Wavy Interpretations for Conservation Planning. Calgary Field Naturalists, Kananaskis, Canada  
Invited?: Yes, Keynote?: Yes
10. DeCesare NJ, Whittington J, Robinson\* H, Hebblewhite M, Bradley M, Neufeld L, Musiani M. (2010). Banff-Jasper population viability analysis: what is the likelihood of caribou persistence in Banff and Jasper under several translocation scenarios?. Caribou Translocation Technical Meeting, Banff, Canada  
Invited?: Yes, Keynote?: No
11. Musiani M. (2010). Presentation of two books edited by Musiani, Boitani and Paquet (2009 and 2010). Border SF, San Fransisco, United States  
Invited?: Yes, Keynote?: No  
Description / Contribution Value: Part of a major initiative to launch the two UofC Press books based in the San Francisco Bay Area.



12. Musiani M. (2010). Presentation of two books edited by Musiani, Boitani and Paquet (2009 and 2010). The Marin Humane Society, Marin, United States  
Invited?: Yes, Keynote?: No  
Description / Contribution Value: Part of a major initiative to launch the two UofC Press books based in the San Francisco Bay Area.
13. Musiani M. (2010). World of Wolves. UK Wolf Conservation Trust, Berkshire, England, Berkshire, United Kingdom  
Invited?: Yes, Keynote?: No  
Description / Contribution Value: Part of a major initiative to launch the 2nd UofC Press book in Europe.
14. Musiani M. (2010). Presentation of two books edited by Musiani, Boitani and Paquet (2009 and 2010). Book Passage, Part of a major initiative to launch the two UofC Press books based in the San Francisco Bay Area., Marin, United States  
Invited?: Yes, Keynote?: No
15. Muhly\* TB, Musiani M. (2010). Effects of humans at multiple trophic levels of a terrestrial ecosystem. ESRI Users Conference, Calgary, Canada  
Invited?: Yes, Keynote?: No
16. Musiani M. (2009). A New Era for Wolves and People: Wolf Recovery, Human Attitudes and Policy. International Literary Festival, Edmonton, Canada  
Invited?: Yes, Keynote?: No  
Description / Contribution Value: Part of a major initiative to launch the 1st UofC Press book in North America.
17. Muhly\* TB, Musiani M. (2009). Cascading effects of humans in a multi-use ecosystem. Invited Talk, Alberta Society of Professional Biologists, Calgary, Canada  
Invited?: Yes, Keynote?: No
18. Musiani M. (2009). A New Era for Wolves and People: Wolf Recovery, Human Attitudes and Policy. Alberta Wilderness Association, Calgary, Canada  
Invited?: Yes, Keynote?: No  
Description / Contribution Value: Part of a major initiative to launch the 1st UofC Press book in North America.
19. Musiani M. (2009). Ecological differentiation in highly mobile mammals such as wolves and caribou. Invited Talk at the University of Montana, Missoula, MT, delivered in the main amphitheater of the University of Montana., Missoula, United States  
Invited?: Yes, Keynote?: No
20. Musiani M. (2009). Landscape genetics of large terrestrial mammals. Invited Talk at Memorial University, St. John's, St John's, Canada  
Invited?: Yes, Keynote?: No
21. Musiani M. (2009). A New Era for Wolves and People: Wolf Recovery, Human Attitudes and Policy. UK Wolf Conservation Trust, Berkshire, England, Berkshire, United Kingdom  
Invited?: Yes, Keynote?: No  
Description / Contribution Value: Part of a major initiative to launch the 1st UofC Press book in Europe.
22. Musiani M. (2008). Differential risk effects of wolves on wild versus domestic prey have consequences for conservation. Department of Biology Seminar Series, Edmonton, Canada  
Invited?: Yes, Keynote?: No
23. Laporte\* I, Musiani M. (2008). Livestock anti-predator responses to wolf presence. Rocky Mountains Forest Range Association Annual meeting, Chain Lakes,  
Invited?: Yes, Keynote?: No



24. Adamson L, Coppinger R, Gehring T, Holden J, Musiani M, Pissot J, Neimeyer C, Stone S, Williamson R. (2006). Nonlethal Wolf Management Workshop - Panel Presentation. 18th Annual North American Wolf Conference, Chico Hot Springs, United States  
Invited?: Yes, Keynote?: No

## Broadcast Interviews

- 2021/07/29 - Dry, hot, temperatures playing a factor in increased animal sightings in Calgary: experts (interview), CityNews, 660citynews  
2021/07/29 <https://www.660citynews.com/2021/07/29/dry-temperatures-animal-sightings/>
- 2021/07/01 - Predator Science with Dr. Marco Musiani - Episode 049, 1hr 24min, Podcast with Mark Hall, The Hunter Conservationist  
2021/07/01 <https://thehunterconservationist.com/podcast/>
- 2021/03/11 - Bow Valley-area wolf dies in Montana on trek to find new territory and mate. (interview),  
2021/03/11 CBC News, Canadian Broadcasting Corporation
- 2019/01/02 - Chasing a Trace. Wolverine Research in the High Alpine of Western Canada.,  
2020/07/01 Documentary by award winning filmmaker Leanne Allison. Featuring PhD student Mirjam Barrueto and Interview to Musiani., Target Audience: All Audiences Target Length: 18 minutes Budget: \$50,000 (selected by Banff Mountain Film Festival and running for additional festivals)
- 2020/04/26 - Le confinement, une occasion de repenser notre influence sur la nature, Radio-Canada,  
2020/04/26 National, Canadian Broadcasting Corporation, CBC  
Description / Contribution Value: also posted in <https://ici.radio-canada.ca/nouvelle/1694996/rocheuses-canadiennes-covid19-confinement-animaux>
- 2020/04/10 - Urban wildlife during the COVID restriction period, Calgary: Eyeopener, Canadian  
2020/04/10 Broadcasting Corporation, CBC/Radio-Canada
- 2020/02/14 - La transmission de maladies entre wapitis et bétail comporte un risque pour les humains,  
2020/02/14 ICI Alberta, Radio-Canada (CBC)
- 2020/02/14 - Elk interactions with livestock and potential for disease transmission in Alberta. (interview),  
2020/02/14 CityNews, Citytv is a part of Rogers Media Inc.
- 2020/02/13 - Study examines disease transmission risk between livestock and wildlife in Alberta.  
2020/02/13 (interview), CBC News, Canadian Broadcasting Corporation
- 2018/05/01 - Wolf behaviour and interactions with people globally (interview), Spanish TV, Manuel  
2018/05/01 Antonio Gonzalez Productions
- 2014/11/14 - Heavily hunted wolves have higher stress and reproductive steroids than wolves with  
2014/11/14 lower hunting pressure, Raincoast, CFX 1070 Radio Station  
<http://raincoast.org/wp-content/uploads/audio/cfx-darimont-stress-in-hunted-wolves.mp3>
- 2014/11/14 - Heavily hunted wolves have higher stress and reproductive steroids than wolves with  
2014/11/14 lower hunting pressure, News for Seattle and the Northwest, KPLU 88.5
- 2014/11/14 - Publication paper: Heavily hunted wolves have higher stress and reproductive steroids  
2014/11/14 than wolves with lower hunting pressure, Morning show interview, CBC Radio Yellowknife, Mark Winkler
- 2014/10/14 - Heavily hunted wolves have higher stress and reproductive steroids than wolves with  
2014/10/14 lower hunting pressure, CBC North's Ezra Arnakaq, CBC North, Ezra Arnakaq

- 2013/12/14 - Interview following a paper published under the title "Genetic diversity in caribou linked to  
2013/12/14 past and future climate change." in Nature Climate Change, Radio Canada International, CBC
- 2013/12/13 - Interview following a paper published under the title "Genetic diversity in caribou linked to  
2013/12/13 past and future climate change." in Nature Climate Change, Mix 1037 Fm News, Canada
- 2013/12/13 - "U of C professor cracks the Caribou vs. Reindeer debate." (interview), 660 News, Canada  
2013/12/13
- 2013/07/13 - Dispelling the Myth of the Wolf - An Interview with Dr. Marco Musiani, NUTV Full Frontal  
2013/07/13 LIVE!, NUTV, University of Calgary
- 2013/05/15 - "Do humans shape ecosystems?" Interview conducted following publication of a paper  
2013/05/15 with a breakthrough methodological achievement of our lab, Science World, Voice of America, radio with an audience of 130 million people  
<http://people.ucalgary.ca/~mmusiani/VOA%20Musiani.mp3>
- 2013/01/23 - Interview and debate on scientific methods of wolf predation management, CTV News,  
2013/01/23 Canada
- 2012/09/06 - Human selection of elk behavioural traits in a landscape of fear (interview), Italian National  
2012/09/06 News RAI (TV), Italy
- 2009/02/05 - Publication of paper: Molecular and evolutionary history of melanism in North American  
2009/02/05 gray wolves., Quirks & Quarks, Canadian Broadcasting Corporation CBC Radio
- 2009/02/05 - Publication of paper: Molecular and evolutionary history of melanism in North American  
2009/02/05 gray wolves., BBC (UK) News, BBC (UK)
- 2009/01/20 - Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid  
2009/01/20 swarm from diverged caribou (*Rangifer tarandus*) lineages., Local Calgary CTV News, Local Calgary CTV
- 2009/01/20 - Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid  
2009/01/20 swarm from diverged caribou (*Rangifer tarandus*) lineages., CBC Radio News, CBC Radio
- 2009/01/19 - Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid  
2009/01/19 swarm from diverged caribou (*Rangifer tarandus*) lineages., Discovery Channel News, Discovery Channel
- 2009/01/19 - Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid  
2009/01/19 swarm from diverged caribou (*Rangifer tarandus*) lineages., Radio-Canada International in Latin America News, Radio-Canada International in Latin America
- 2006/04/06 - Publication of paper: Musiani et al. Predictability of depredation and wolf control in  
2006/04/06 western North America. The Wildlife Society Bulletin 33:876–887., Canadian Broadcasting Corporation CBC Radio

## Text Interviews

- 2021/05/06 Fatal bear attack prompts reminders of wildlife safety, gives insight into bear behaviour  
(interview), Calgary Herald
- 2019/12/12 Wildlife Conservation Showcase: Musiani Lab (interview with Graduate Students and  
Musiani), The Gauntlet
- 2019/10/24 PhD student's wolverine research subject of documentary at Banff Film Festival (interview  
with Barrueto and Musiani), UCalgary News
- 2019/06/11 University of Calgary-led study finds natural mechanism that ensures long-term biological  
diversity in caribou (interview), UCalgary News

- 2019/06/10 UCalgary-led study observes long-term biological diversity in caribou (interview), The Crag and Canyon AND Regina Leader-Post
- 2018/04/09 Giant pandas make new home at Calgary Zoo (interview), Emery Weal, Canada
- 2014/11/13 Heavy hunting is stressing out Northern wolves (interview), UToday, University of Calgary
- 2014/11/12 Stress affects wolves in hunting grounds, and it may alter their evolution: study (interview), The Globe and Mail, Canada
- 2014/11/12 Hunted wolves exhibit higher stress levels and social disruption, study says (interview), The Province, Canada
- 2014/11/12 Les loups vivant dans des régions ouvertes à la chasse sont plus stressés (interview), Radio Canada, CBC
- 2014/11/12 Wolves facing hunting threat get stressed out, face social disturbance: study (interview), CTV News, Canada
- 2014/11/12 Wolves with high hunting threat get stressed out: study (interview), CBC, The Canadian Press
- 2013/12/23 Les rennes du père Noël sont menacés par le climat (interview), Futura Sciences, France
- 2013/12/19 "Caribou genetics reveal shadow of climate change" (interview), Science-based websites: [www.nature.com](http://www.nature.com) [www.bio-medicine.org](http://www.bio-medicine.org) [www.freenewspos.com](http://www.freenewspos.com) [www.sciencecodex.com](http://www.sciencecodex.com) [www.eurekalert.org](http://www.eurekalert.org) [www.phys.org](http://www.phys.org)
- 2013/12/18 "Reindeer will feel effects of climate change: study.", Interview reported on: Vancouver Sun Regina Leader-Post Saskatoon Star Phoenix Edmonton Journal Ottawa Citizen Windsor Star and Canada.com
- 2013/12/18 Canada's Caribou habitat endangered because of climate change (interview), DigitalJournal.com
- 2013/12/17 Reindeer, caribou, and climate change (interview); text <http://www.rcinet.ca/en/2013/12/17/reindeer-caribou-and-climate-change/>, Radio Canada International
- 2013/12/17 Animali: renne e caribù sono geneticamente molto più simili del previsto (interview), Meteo Web, Italy
- 2013/12/16 Climate change will endanger caribou habitat, study says (interview), UToday, University of Calgary
- 2013/12/16 Caribou in Canada May Be Doomed by Climate Change and Habitat Loss (interview), Nature World News, US
- 2013/12/16 Caribou And Reindeer Threatened And Shaped By Climate Change (interview), RedOrbit.com, US
- 2013/12/16 Mudança no clima põe em risco habitat do veado nos EUA, diz estudo (interview), globo.com, Brazil
- 2013/12/15 Caribou face major threat from climate change, study finds (interview), Calgary Herald, Canada. Also reprinted in the Ottawa Citizen
- 2013/12/13 Six Ways Climate Change Is Waging War on Christmas (interview), Smithsonian.com, US
- 2013/05/27 Human impacts on ecosystems worse than thought (interview), The Gauntlet
- 2013/05/15 L'homme, une espèce prédatrice sous-estimée (interview), Le Monde National Newspaper, France
- 2013/05/12 Sottostimato l'impatto dell'uomo sulla catena alimentare (interview), La Stampa, Italy's National Newspaper

- 2013/05/09 El impacto humano sobre el mundo natural se ha subestimado (interview), Europa Press, Spain
- 2013/05/09 Human impacts on natural world underestimated, study finds (interview), UToday, University of Calgary
- 2013/05/08 Human impacts on natural world underestimated (interview), ScienceDaily, US
- 2012/09/06 Human selection of elk behavioural traits in a landscape of fear, Edmonton Journal
- 2012/09/06 Human selection of elk behavioural traits in a landscape of fear, Corriere della Sera
- 2012/09/05 Human selection of elk behavioural traits in a landscape of fear, Scientific American
- 2012/09/05 Human selection of elk behavioural traits in a landscape of fear, Science on line
- 2012/09/05 Human selection of elk behavioural traits in a landscape of fear, Calgary Herald
- 2012/09/05 Human selection of elk behavioural traits in a landscape of fear, Financial Times
- 2011/09/15 Human Activity Differentially Redistributes Large Mammals in the Canadian Rockies National Parks., Montreal Gazette
- 2011/09/15 Human Activity Differentially Redistributes Large Mammals in the Canadian Rockies National Parks., Winnipeg Free Press
- 2011/09/15 Human Activity Differentially Redistributes Large Mammals in the Canadian Rockies National Parks., Globe and Mail
- 2010/06/08 Elk populations in southwestern Alberta., Conservation 15:16-17.
- 2010/05/05 Publication of paper: Genome-wide SNP and haplotype analyses reveal a rich history underlying dog domestication, The Canadian Press
- 2009/02/05 Publication of paper: Molecular and evolutionary history of melanism in North American gray wolves., La Repubblica (Italy)
- 2009/02/05 Publication of paper: Molecular and evolutionary history of melanism in North American gray wolves., National Post (Canada)
- 2009/02/05 Publication of paper: Molecular and evolutionary history of melanism in North American gray wolves., Los Angeles Times
- 2009/02/05 Publication of paper: Molecular and evolutionary history of melanism in North American gray wolves., New York Times
- 2009/01/20 Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid swarm from diverged caribou (*Rangifer tarandus*) lineages., The Star
- 2009/01/20 Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid swarm from diverged caribou (*Rangifer tarandus*) lineages., Winnipeg Free Press
- 2009/01/20 Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid swarm from diverged caribou (*Rangifer tarandus*) lineages., The Chronicle Herald
- 2009/01/20 Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid swarm from diverged caribou (*Rangifer tarandus*) lineages., Toronto Sun
- 2009/01/19 Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid swarm from diverged caribou (*Rangifer tarandus*) lineages., Calgary Herald
- 2009/01/19 Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid swarm from diverged caribou (*Rangifer tarandus*) lineages., Calgary Sun
- 2009/01/19 Publication of paper: McDevitt et al. Survival in the Rockies of an endangered hybrid swarm from diverged caribou (*Rangifer tarandus*) lineages., West Island Chronicle

2008/07/31	Preliminary results on caribou conservation, Rocky Mountain Outlook
2008/07/31	Preliminary results on caribou conservation, Edmonton Journal
2008/07/31	Preliminary results on caribou conservation, Calgary Herald
2006/04/26	Publication of paper: Musiani et al. Predictability of depredation and wolf control in western North America. The Wildlife Society Bulletin 33:876–887., New Scientist
2006/04/06	Publication of paper: Musiani et al. Predictability of depredation and wolf control in western North America. The Wildlife Society Bulletin 33:876–887., Globe and Mail
2006/04/06	Publication of paper: Musiani et al. Predictability of depredation and wolf control in western North America. The Wildlife Society Bulletin 33:876–887., Calgary Herald
2006/04/06	Publication of paper: Musiani et al. Predictability of depredation and wolf control in western North America. The Wildlife Society Bulletin 33:876–887., Edmonton Sun
2006/04/06	Publication of paper: Musiani et al. Predictability of depredation and wolf control in western North America. The Wildlife Society Bulletin 33:876–887., Calgary Sun,
2005/07/06	Wolves and prey., Salles, C., Superinteressante Magazine, <a href="http://www.superinteressante.com.br">www.superinteressante.com.br</a> , Brazilian National Magazine (selling 500,000 copies monthly)
2004/09/13	Vitimas do medo [Victims of fear], Lotufo, T., Universo Animal, <a href="http://www.superinteressante.com.br">www.superinteressante.com.br</a> , Brazilian National Magazine
2004/01/20	Ma siete proprio sicuri che il cattivo sono io? [Are you sure I am the evil one?], Salmi, M., Venerdì di Repubblica, Italian National Magazine
2003/02/13	Human-wolf conflicts in western North America: can fladry protect livestock?, Howlings 12: 5-6.
2002/07/16	Multiple litters at den sites., Northwest Territories Wolf Notes 7: 1-8. <a href="http://www.enr.gov.nt.ca/sites/default/files/wolf_notes_winter_2002-03.pdf">http://www.enr.gov.nt.ca/sites/default/files/wolf_notes_winter_2002-03.pdf</a>

## Publications

### Journal Articles

1. Santa\*, Rezansoff, Chen, Gilleard, Musiani, Ruckstuhl, Massolo. (2021). Deep amplicon sequencing highlights low intra-host genetic variability of *Echinococcus multilocularis* and high prevalence of the European-type haplotypes in coyotes and red foxes in Alberta, Canada. *PLOS Neglected Tropical Diseases*. 15 (5), e0009428  
Published,  
Refereed?: Yes
2. Santa\*, Musiani, Ruckstuhl, Massolo. (2021). A review on invasions by parasites with complex life cycles: the European strain of *Echinococcus multilocularis* in North America as a model. *Parasitology*. 1-13.  
Published,  
Refereed?: Yes
3. Toews\*, Musiani, Checkley, Visscher, Massolo. (2021). A global assessment of *Echinococcus multilocularis* infections in domestic dogs: proposing a framework to overcome past methodological heterogeneity. *International Journal for Parasitology*. 51: 379-392.  
Published,  
Refereed?: Yes

4. Verocai , Hoberg , Simard , Beckmen , Musiani , Wasser , Cuyler , Manseau , Chaudhry , Kashivakura , Gilleard. (2020). The biogeography of the caribou lungworm, *Varestrongylus eleguneniensis* (Nematoda: Protostrongylidae) across northern North America. *International Journal for Parasitology: Parasites and Wildlife*. (11): 93-102.  
Published,  
Refereed?: Yes
5. Pruvot, Musiani, Boyce, Kutz, Orsel. (2020). Integrating Livestock Management and Telemetry Data to Quantify Interactions between Wildlife and Livestock. *Preventive Veterinary Medicine*. 174(104846)  
Published,  
Refereed?: Yes
6. Pigeon, MacNearney, Hebblewhite, Musiani, Neufeld, Cranston, Stenhouse, Schmiegelow, Finnegan. (2020). The density of anthropogenic features explains seasonal and behaviour-based functional responses in selection of linear features by a social predator. *Scientific Reports*. (10): 1-13.  
Published,  
Refereed?: Yes
7. Cavedon\*, Goubill\*, Heppenheimer, vonHoldt, Mariani, Hebblewhite, Hegel, Hervieux, Serrouya, Steenweg, Weckworth\*, Musiani. (2019). Genomics, environment and balancing selection in behaviorally bimodal populations: the caribou case. *Molecular Ecology*. 28: 1946-1963.  
Published,  
Refereed?: Yes
8. Muhly\*, Johnson, Hebblewhite, Neilson, Fortin, Fryxell, Latham, Arienti, McLoughlin , Merrill , Paquet, Patterson, Schmiegelow , Scurrah, Musiani. (2019). Functional Response of Wolves to Human Development across Boreal Ecosystems. *Ecology and Evolution*. 9(18): 1–15.  
Published,  
Refereed?: Yes
9. Finnegan, Pigeon, Cranston, Hebblewhite, Musiani, Neufeld, Schmiegelow, Duval, Stenhouse. (2018). Natural regeneration on seismic lines influences movement behaviour of wolves and grizzly bears. *PLoS one*. 13: e0195480.  
Published,  
Refereed?: Yes
10. Diepstraten\*, Jessen\*, Fauvelle, Musiani. (2018). Does climate change and plant phenology research neglect the arctic tundra?. *Ecosphere*. 9(9)(e02362)  
Published,  
Refereed?: Yes
11. Kermish-Wells\*, Massolo, Stenhouse, Larsen, Musiani. (2018). Space–time clusters for early detection of grizzly bear predation. *Ecology and evolution*. 8: 382-395.  
Published,  
Refereed?: Yes
12. Weckworth\*, Hebblewhite, Mariani, Musiani. (2018). Lines on a map: conservation units, meta-population dynamics and recovery of woodland caribou in Canada. *Ecosphere*. 9(7)(e02323)  
Published,  
Refereed?: Yes
13. Cheng, Musiani, Cavedon\*, Gilch. (2017). High prevalence of prion protein genotype associated with resistance to chronic wasting disease in one Alberta woodland caribou population. *Prion*. 11: 136-142.  
Published,  
Refereed?: Yes

14. Gubili\*; Mariani; Weckworth\*; Galpern; McDevitt\*; Hebblewhite; Nickel; Musiani. (2017). Environmental and anthropogenic drivers of connectivity patterns: a basis for prioritizing conservation efforts for threatened populations. *Evolutionary Applications*. 10: 199-211.  
Published,  
Refereed?: Yes
15. Schweizer, Robinson, Harrigan, Silva, Galverni, Musiani, Green, Novembre, Wayne. (2016). Targeted capture and resequencing of 1040 genes reveal environmentally driven functional variation in gray wolves. *Molecular Ecology*. 25: 357–379.  
Published,  
Refereed?: Yes
16. Musiani. (2016). Wolf hunting and prey behaviors in the real world (book review). *Ecology*. 97: 1368-1369.  
Published,  
Refereed?: Yes
17. Benz, Boyce, Thurfjell, Paton, Musiani, Dormann, Ciuti\*. (2016). Dispersal ecology informs design of large-scale wildlife corridors. *PLoS ONE*. 11: e0162989.  
<http://dx.doi.org/doi:10.1371/journal.pone.0162989>  
Published,  
Refereed?: Yes
18. Schweizer, vonHoldt, Harrigan, Knowles, Musiani, Coltman, Novembre, Wayne. (2016). Genetic subdivision and candidate genes under selection in North American gray wolves. *Molecular Ecology*. 25: 380-402.  
Published,  
Refereed?: Yes
19. Pruvot, Lejeune, Kutz, Hutchins, Musiani, Massolo, Orsel. (2016). Better Alone or in Ill Company? The Effect of Migration and Inter-Species Comingling on *Fascioloides magna* Infection in Elk. *PloS one*. 11: e0159319.  
Published,  
Refereed?: Yes
20. Bryan\*, Smits, Koren, Paquet, Wynne-Edwards, Musiani. (2015). Heavily hunted wolves have higher stress and reproductive steroids than wolves with lower hunting pressure. *Functional Ecology*. 29(3): 347-356.  
Published, Wiley Online Library,  
Refereed?: Yes
21. Sponarski\*, Vaske, Bath, Musiani. (2014). Salient values, social trust, and attitudes toward wolf management in south-western Alberta, Canada. *Environmental Conservation*. 41(04): 303--310.  
Published, Cambridge Univ Press,  
Refereed?: Yes
22. Pruvot, Kutz, van der Meer, Musiani, Barkema, Orsel. (2014). Pathogens at the livestock-wildlife interface in Western Alberta: does transmission route matter?. *Veterinary research*. 45(1): 1--13.  
Published, Springer,  
Refereed?: Yes
23. DeCesare, Hebblewhite, Bradley, Hervieux, Neufeld, Musiani. (2014). Linking habitat selection and predation risk to spatial variation in survival. *Journal of Animal Ecology*. 83(2): 343--352.  
Published, Wiley Online Library,  
Refereed?: Yes
24. Pruvot, Seidel, Boyce, Musiani, Massolo, Kutz, Orsel. (2014). What attracts elk onto cattle pasture? Implications for inter-species disease transmission. *Preventive veterinary medicine*. 117(2): 326--339.  
Published, Elsevier,  
Refereed?: Yes



25. Killeen, Thurfjell, Ciuti\*, Paton, Musiani, Boyce. (2014). Habitat selection during ungulate dispersal and exploratory movement at broad and fine scale with implications for conservation management. *Movement Ecology*. 2(1): 15.  
Published, BioMed Central Ltd,  
Refereed?: Yes
26. Semeniuk\*, Musiani, Birkigt, Hebblewhite, Grindal, Marceau. (2014). Identifying non-independent anthropogenic risks using a behavioral individual-based model. *Ecological Complexity*. 17: 67--78.  
Published, Elsevier,  
Refereed?: Yes
27. Musiani, Boyce, Muhly\*. (2013). Dominant effects of humans on big game food webs. *Alberta Outdoorsmen*. 15: 16-18.  
Published,  
Refereed?: No
28. Muhly\*, Hebblewhite, Paton, Pitt, Boyce, Musiani. (2013). Humans strengthen bottom-up effects and weaken trophic cascades in a terrestrial food web. *PLoS ONE*. 8(5): e64311.  
Published,  
Refereed?: Yes
29. Peters, Hebblewhite, DeCesare, Cagnacci, Musiani. (2013). Resource separation analysis with moose indicates threats to caribou in human altered landscapes. *Ecography*. 36(4): 487--498.  
Published, Wiley Online Library,  
Refereed?: Yes
30. Sponarski\*, Semeniuk\*, Glikman, Bath, Musiani. (2013). Heterogeneity among rural resident attitudes toward wolves. *Human Dimensions of Wildlife*. 18(4): 239--248.  
Published, Taylor & Francis,  
Refereed?: Yes
31. Weckworth\*, Musiani, DeCesare, McDevitt\*, Hebblewhite, Mariani. (2013). Preferred habitat and effective population size drive landscape genetic patterns in an endangered species. *Proceedings of the Royal Society of London B: Biological Sciences*. 280(1769): 20131756.  
Published, The Royal Society,  
Refereed?: Yes
- [32.](#) Yannic, Pellissier, Ortego, Lecomte, Couturier, Cuyler, Dussault, Hundertmark, Irvine, Jenkins, Kolpashikov, Mager, Musiani, Parker, Roed, Sipko, Skarphéðinn, Weckworth\*, Guisan, Bernatchez, Cote. (2013). Genetic diversity in caribou linked to past and future climate change. *Nature Climate Change*. 4: 132-137.  
Published,  
Refereed?: Yes
33. Semeniuk\* CAD, Musiani M, Hebblewhite M, Grindal S, Marceau DJ. (2012). Evaluating risk effects of industrial features on woodland caribou habitat selection in west central Alberta using agent-based modelling. *Procedia Environmental Sciences*. 13: 698--714.  
Published, Elsevier,  
Refereed?: Yes
34. DeCesare NJ, Hebblewhite M, Schmiegelow F, Hervieux D, McDermid GJ, Neufeld L, Bradley M, Whittington J, Smith KG, Morgantini LE, Wheatley M, Musiani M. (2012). Transcending scale dependence in identifying habitat with resource selection functions. *Ecological Applications*. 22(4): 1068--1083.  
Published, Eco Soc America,  
Refereed?: Yes



35. Robinson\* HS, Hebblewhite M, DeCesare NJ, Whittington J, Neufeld L, Bradley M, Musiani M. (2012). The effect of fire on spatial separation between wolves and caribou. *Rangifer*. 32: 277.  
Published,  
Refereed?: Yes
36. Northrup JM, Pitt J, Muhly\* TB, Stenhouse GB, Musiani M, Boyce MS. (2012). Vehicle traffic shapes grizzly bear behaviour on a multiple-use landscape. *Journal of Applied Ecology*. 49(5): 1159--1167.  
Published, Wiley Online Library,  
Refereed?: Yes
37. Stronen AV, Forbes GJ, Paquet PC, Goulet G, Sallows T, Musiani M. (2012). Dispersal in a plain landscape: short-distance genetic differentiation in southwestern Manitoba wolves, Canada. *Conservation Genetics*. 13(2): 359--371.  
Published, Springer,  
Refereed?: Yes
- [38.](#) Ciuti\* S, Northrup JM, Muhly\* TB, Simi S, Musiani M, Pitt JA, Boyce MS. (2012). Effects of humans on behaviour of wildlife exceed those of natural predators in a landscape of fear. *PlosOne*. 7(11): e50611.  
Published,  
Refereed?: Yes
39. Semeniuk\* CAD, Musiani M, Hebblewhite M, Grindal S, Marceau DJ. (2012). Incorporating behavioral--ecological strategies in pattern-oriented modeling of caribou habitat use in a highly industrialized landscape. *Ecological Modelling*. 243: 18--32.  
Published, Elsevier,  
Refereed?: Yes
40. Ciuti\* S, Muhly\* TB, Paton DG, McDevitt\* AD, Musiani M, Boyce MS. (2012). Human selection of elk behavioural traits in a landscape of fear. *Proceedings of the Royal Society of London B: Biological Sciences*. 279(1746): 4407--4416.  
Published, The Royal Society,  
Refereed?: Yes
41. Weckworth\* BV, Musiani M, McDevitt\* AD, Hebblewhite M, Mariani S. (2012). Reconstruction of caribou evolutionary history in Western North America and its implications for conservation. *Molecular Ecology*. 21(14): 3610--3624.  
Published, Wiley Online Library,  
Refereed?: Yes
42. Muhly\* TB, Semeniuk\* C, Massolo A, Hickman L, Musiani M. (2011). Human activity helps prey win the predator-prey space race. *PLoS One*. 6(3): e17050.  
Published, Public Library of Science,  
Refereed?: Yes
43. Semeniuk\* CAD, Musiani M, Marceau DJ. (2011). Integrating spatial behavioral ecology in agent-based models for species conservation. Edited by Adriano Sofo. : 1.  
Published,  
Refereed?: Yes
44. Decesare NJ, Whittington J, Hebblewhite M, Robinson\* H, Bradley M, Neufeld L, Musiani M. (2011). The role of translocation in recovery of woodland caribou populations. *Conservation Biology*. 25(2): 365--373.  
Published, Wiley Online Library,  
Refereed?: Yes
45. Rogala\* JK, Hebblewhite M, Whittington J, White CA, Coleshill\* J, Musiani M. (2011). Human activity differentially redistributes large mammals in the Canadian Rockies National Parks. *Ecology and Society*. 16  
Published,  
Refereed?: Yes

46. vonHoldt BM, Pollinger JP, Earl DA, Knowles JC, Boyko AR, Parker H, Geffen E, Pilot M, Jedrzejewski W, Jedrzejewska B, Sidorovich V, Greco C, Randi E, Musiani M, Kays R, Bustamante CD, Ostrander EA, Novembre J, Wayne RK. (2011). A genome-wide perspective on the evolutionary history of enigmatic wolf-like canids. *Genome Research*. 21(8): 1294--1305.  
Published, Cold Spring Harbor Lab,  
Refereed?: Yes
47. Whittington J, Hebblewhite M, DeCesare NJ, Neufeld L, Bradley M, Wilmshurst J, Musiani M. (2011). Caribou encounters with wolves increase near roads and trails: a time-to-event approach. *Journal of Applied Ecology*. 48(6): 1535--1542.  
Published, Wiley Online Library,  
Refereed?: Yes
48. Vonholdt BM1, Pollinger JP, Lohmueller KE, Han E, Parker HG, Quignon P, Degenhardt JD, Boyko AR, Earl DA, Auton A, Reynolds A, Bryc K, Brisbin A, Knowles JC, Mosher DS, Spady TC, Elkahloun A, Geffen E, Pilot M, Jedrzejewski W, Greco C, Randi E, Bannasch D, Wilton A, Shearman J, Musiani M, Cargill M, Jones PG, Qian Z, Huang W, Ding ZL, Zhang YP, Bustamante CD, Ostrander EA, Novembre J, Wayne RK. (2010). Genome-wide SNP and haplotype analyses reveal a rich history underlying dog domestication. *Nature*. 464(7290): 898--902.  
Published, Nature Publishing Group,  
Refereed?: Yes
49. Hebblewhite M, White C, Musiani M. (2010). Revisiting extinction in national parks: mountain caribou in Banff. *Conservation Biology*. 24(1): 341--344.  
Published, Wiley Online Library,  
Refereed?: Yes
50. Muhly\* TB, Alexander M, Boyce MS, Creasey R, Hebblewhite M, Paton D, Pitt JA, Musiani M. (2010). Differential risk effects of wolves on wild versus domestic prey have consequences for conservation. *Oikos*. 119(8): 1243--1254.  
Published, Wiley Online Library,  
Refereed?: Yes
51. DeCesare NJ, Hebblewhite M, Robinson\* HS, Musiani M. (2010). Endangered, apparently: the role of apparent competition in endangered species conservation. *Animal conservation*. 13(4): 353--362.  
Published, Wiley Online Library,  
Refereed?: Yes
52. Hebblewhite M, Musiani M, Mills LS. (2010). Restoration of genetic connectivity among Northern Rockies wolf populations. *Molecular ecology*. 19(20): 4383--4385.  
Published, Wiley Online Library,  
Refereed?: Yes
53. Laporte\* I, Muhly\* TB, Pitt JA, Alexander M, Musiani M. (2010). Effects of wolves on elk and cattle behaviors: implications for livestock production and wolf conservation. *PLoS One*. 5(8): e11954.  
Published, Public Library of Science,  
Refereed?: Yes
54. Musiani M, Anwar SM, McDermid GJ, Hebblewhite M, Marceau DJ. (2010). How humans shape wolf behavior in Banff and Kootenay National Parks, Canada. *Ecological Modelling*. 221(19): 2374--2387.  
Published, Elsevier,  
Refereed?: Yes
55. Stronen AV, Forbes GJ, Sallows T, Goulet G, Musiani M, Paquet PC. (2010). Wolf body mass, skull morphology, and mitochondrial DNA haplotypes in the Riding Mountain National Park region of Manitoba, Canada. *Canadian Journal of Zoology*. 88(5): 496--507.  
Published, NRC Research Press,  
Refereed?: Yes

56. Cluff HD, Paquet PC, Walton LR, Musiani M. (2010). Wolf ecology and management in Northern Canada: perspectives from a snowmobile wolf hunt. *The World of Wolves: New Perspectives on Ecology, Behaviour, and Management*. : 234--259.  
Published,  
Refereed?: Yes
57. Anderson TM, Candille SI, Musiani M, Greco C, Stahler DR, Smith DW et al. (2009). Molecular and evolutionary history of melanism in North American gray wolves. *Science*. 323(5919): 1339--1343.  
Published, American Association for the Advancement of Science,  
Refereed?: Yes
58. McDevitt\* AD, Mariani S, Hebblewhite M, Decesare NJ, Morgantini L, Seip D, Weckworth\* BV, Musiani M. (2009). Survival in the Rockies of an endangered hybrid swarm from diverged caribou (*Rangifer tarandus*) lineages. *Molecular Ecology*. 18(4): 665--679.  
Published, Wiley Online Library,  
Refereed?: Yes
59. Barsh GS, Anderson TM, Vonholdt BM, Candille SI, Musiani M, Stahler DR et al. (2009). Response—How the Gray Wolf Got Its Color. *Science*. 325(5936): 34--34.  
Published, American Association for the Advancement of Science,  
Refereed?: Yes
60. Muhly\* TB, Musiani M. (2009). Livestock depredation by wolves and the ranching economy in the Northwestern US. *Ecological Economics*. 68(8): 2439--2450.  
Published, Elsevier,  
Refereed?: Yes
- [61.](#) Stone\* S, Breck S, Coppinger R, Gehring T, Miller C, Neimeyer C, Pissot J, Schrader G, Williamson R, Musiani M. (2008). *Livestock Production in Wolf Country: A Guide to Nonlethal Tools, Techniques and Strategies*. Defenders of Wildlife, Washington, D.C., USA.  
Published,  
Refereed?: Yes
62. Musiani M, Okarma H, Jedrzejewski W. (2008). Speed and actual distance traveled by radio collared wolves in Bialowieza Primeval Forest (Poland). *Acta Theriologica*. 43(4): 409-416.  
Published,  
Refereed?: Yes
63. Musiani M, Leonard JA, Cluff H, Gates CC, Mariani S, Paquet PC, Villa C, Wayne RK. (2007). Differentiation of tundra/taiga and boreal coniferous forest wolves: genetics, coat colour and association with migratory caribou. *Molecular Ecology*. 16(19): 4149--4170.  
Published, Wiley Online Library,  
Refereed?: Yes
64. Verginelli F, Capelli C, Coia V, Musiani M, Falchetti M, Ottini L, Palmirotta R, Tagliacozzo A, De Grossi Mazzorin J, Mariani-Costantini R. (2006). Domesticazione ed evoluzione dei cani: dati genetici, archeozoologici e ruolo del DNA antico. *Medicina nei Secoli*. 18: 741-754.  
Published, Italy  
Refereed?: Yes
65. Musiani M, Muhly\* T, Gates C, Cormack C, Smith C, Martin E, Tosoni E. (2005). Seasonality and reoccurrence of depredation and wolf control in western North America. *Wildlife Society Bulletin*. 33(3): 876--887.  
Published, BioOne,  
Refereed?: Yes

66. Musiani M, Paquet PC. (2004). The practices of wolf persecution, protection, and restoration in Canada and the United States. *BioScience*. 54(1): 50--60.  
Published, Oxford University Press,  
Refereed?: Yes
67. Muhly\* T, Gates CC, Callaghan C, Mamo C, Alexander S, Tosoni E, Musiani M. (2004). Bringing Insight into Livestock Depredation by Wolves in Southwestern Alberta, Canada. *Carnivore Damage Prevention News*. 7: 10-11.  
Published,  
Refereed?: Yes
68. Musiani M, Mamo C, Boitani L, Callaghan C, Gates C, Cormack M, Visalberghi E, Breck S, Volpi G. (2003). Wolf depredation trends and the use of fladry barriers to protect livestock in western North America. *Conservation Biology*. 17(6): 1538--1547.  
Published, Wiley Online Library,  
Refereed?: Yes
69. Musiani M, Visalberghi E. (2001). Effectiveness of fladry on wolves in captivity. *Wildlife Society Bulletin*. : 91--98.  
Published, JSTOR,  
Refereed?: Yes
70. Jedrzejewski W, Jedrzejewska B, Okarma H, Schmidt K, Zub K, Musiani M. (2000). Prey selection and predation by wolves in Bialowieza Primeval Forest, Poland. *Journal of Mammalogy*. 81(1): 197-212.  
Published,  
Refereed?: Yes
71. Musiani M. (2000). Preventing wolf predation on livestock with light-mobile barriers. *Carnivore Damage Prevention News*. 1: 3-4.  
Published,  
Refereed?: Yes
72. Musiani M, Visalberghi E. (2000). Wolves' avoidance of flag barriers and management implications. *Animal Welfare*. 9(1): 108--108.  
Published, Univ Federation Animal Welfare Old School, Brewhouse Hill,  
Refereed?: Yes
73. Musiani, M. (1999). The theory and practice of interdisciplinary teams in environmental design. *EVDS Annual*. 1(43)  
Published, University of Calgary, Canada  
Refereed?: Yes
74. Musiani M, Gentile L, Valentini M, Modesti A, Musiani P. (1998). Lymphocyte proliferative response in brown bears: cytokine role and glucocorticoid effect. *Journal of Experimental Zoology*. 280(6): 421--428.  
Published, Wiley Online Library,  
Refereed?: Yes
75. Musiani M. (1997). Territori e dieta invernale del lupo nella Foresta di Bialowieza (Polonia). [Territories and winter diet of the wolf in the Bialowieza Forest (Poland).]. *Habitat II*. 97: 62-65.  
Published,  
Refereed?: Yes
76. Musiani M, Gentile L, Valentini M, Roth HU, Musiani P. (1996). White cells in the blood of Apennine brown bears: an ultrastructural study. *Journal of mammalogy*. 77(3): 761--767.  
Published, The Oxford University Press,  
Refereed?: Yes

## Books

1. Marco Musiani, Luigi Boitani, Paul C Paquet Editors. (2010). The World of Wolves: new perspectives on ecology, behaviour and management. Published, University of Calgary Press, Refereed?: Yes
2. Marco Musiani, Luigi Boitani, Paul C Paquet Editors. (2009). A New Era for Wolves and People: Wolf Recovery, Human Attitudes and Policy. Published, University of Calgary Press, Refereed?: Yes

## Book Chapters

1. Cluff HD, Musiani M. (2013). Challenge on the Tundra. Allison C. Thiel, Marianne Strozewski, Richard P. Thiel (Editors). Wild Wolves We Have Known. : 59-67. Published, International Wolf Center, MN, US, Ely, Minnesota., Refereed?: Yes
2. Muhly\* T, Musiani M, Callaghan C, Gates CC. (2010). Predicting livestock depredation by wolves in southwestern Alberta: implications for wolf management in agricultural areas. The World of Wolves: new perspectives on ecology, behaviour and management.: 242-273. Published, University of Calgary Press, Refereed?: Yes
3. Musiani M, Boitani L, Paquet PC. (2010). Research Projects Highlight Unique Mechanisms and Some Common Patterns in Wolf Ecology and Management. Musiani, Boitani, Paquet. The World of Wolves: new perspectives on ecology, behaviour and management.: 1-20. Published, University of Calgary Press, Refereed?: Yes
4. Musiani M. (2009). A Wolf in Dog's Clothing. Why the Cheetah Cheats. : 159. Published, Papadakis Publisher, United Kingdom Refereed?: Yes
5. Musiani M, Boitani L, Paquet PC. (2009). Newly recovering wolf populations produce new trends in human attitudes and policy. Musiani, Boitani, Paquet. A New Era for Wolves and People: Wolf Recovery, Human Attitudes and Policy.: 1. Published, University of Calgary Press, Refereed?: Yes
6. Musiani, M., Muhly\*, T., Callaghan, C., Gates, C.C., Smith, M., Stone, S. and Tosoni, E. (2004). Recovery, conservation, conflicts and legal status of wolves in western North America. N. Fascione, A. Delach and M. Smith. Predators and People: from conflict to conservation.: 51-75. Published, Washington, D.C, Refereed?: Yes
7. Musiani, M., and Visalberghi, E. (2001). The avoidance of virtual barriers by wolves in captivity. R. Field, R. J. Warren, H. Okarma and P. R. Sievert. Wildlife, Land, and People: Priorities for the 21st Century. Published, The Wildlife Society, Inc. Bethesda, Maryland, Refereed?: Yes

## Book Reviews

1. Book Review. Article reviewing book edited by Musiani et al. Animal Welfare. (2011). 20(3): 455-460. Published, Universities Federation for Animal Welfare, Review Year: 2011  
Jaume Fatjo. 2011. The World of Wolves: new perspectives on ecology, behaviour and management.

## Reports

1. Cavedon\*, Musiani. (2020). Assessing genetics among caribou in the Jasper region to inform source founders for captive breeding. 52. Parks Canada.
2. Musiani, Barrueto\*. (2019). Effects of human disturbances on female wolverines. 19. Habitat Conservation Trust Foundation.
3. Musiani, Barrueto\*. (2019). Natural and human factors influencing wolverines. 16. Yellowstone to Yukon Conserv. Initiative (Y2Y).
4. Cavedon\*, Musiani. (2017). Evaluating Genomic Diversity for Caribou in Alberta to Allow for Effective Biodiversity Monitoring, Augmentation and Conservation. 28. Petroleum Technology Alliance of Canada, Canadian Association of Petroleum Producers.
5. Cavedon\*, Musiani. (2017). Detecting genetics, ecology and their correlation of caribou in Yukon for management and conservation practices: final report. 5. Yukon Fish and Wildlife Enhancement Trust.
6. Jessen\*, Diepstraten\*, Bath, Musiani. (2016). Grizzly Bear Traditional Ecological Knowledge of the Lutsel K'e Dene First Nation. 17. Government of Northwest Territories
7. Semeniuk\*, Weckworth\*, B.V., Musiani, M., Hebblewhite, M. (2013). Scaling Up the Role of Predation in Caribou Declines in West-Central Alberta (Redwillow, Narraway, Redrock Prairie Creek, A la Pêche and Little Smoky Ranges). Phase 2. 93. Internal report to the Petroleum Technology Alliance of Canada (PTAC).  
Description / Contribution Value: AUPRF project final report, New Results Only
8. Boyce, M.S., Musiani, M. (2012). Montane Elk Project Report. 43. Shell Canada.
9. DeCesare, N., Peters, W., Semeniuk\*, C., Musiani, M., M. Hebblewhite. (2012). Scaling Up the Role of Predation in Caribou Declines in West-Central Alberta (Redwillow, Narraway, Redrock Prairie Creek, A la Pêche and Little Smoky Ranges). Phase 1. 84. Petroleum Technology Alliance of Canada (PTAC).
10. Weckworth\*, B., N. DeCesare, M. Hebblewhite, Musiani, M. (2012). Genetic Analysis of Caribou Connectivity and the Spatial Effects of Wolf Predation on Caribou Survival in Banff and Jasper National Parks.56. Parks Canada.  
Description / Contribution Value: Parks Canada, Final Report
11. DeCesare, N., Semeniuk\*, C., Musiani, M., M. Hebblewhite, J. Whittington, A. Aivaz\*. (2011). The Role of Predation in Caribou Declines in West-Central Alberta.99. Petroleum Technology Alliance of Canada (PTAC), Canadian Association of Petroleum Producers.
12. Robinson\* H, Hebblewhite M, DeCesare NJ, Peters W, Musiani M, Weckworth\* B, McDevitt\* A. (2010). Modeling Relationships between Fire, Caribou, Wolves, Elk and Moose to Aid Recovery of Threatened Southern Mountain Woodland Caribou in the Canadian Rocky Mountain National Parks.201. Parks Canada.
13. Hebblewhite, M., Musiani, M., N. DeCesare, S. Hazenberg, W. Peters, H. Robinson\*, and B. Weckworth\*. (2010). Linear Features, Forestry and Wolf Predation of Caribou and Other Prey in West Central Alberta.84. Canadian Association of Petroleum Producers.
14. Hebblewhite, M., Musiani, M., N. DeCesare, S. Hazenberg, W. Peters, H. Robinson\*, and B. Weckworth\*. (2010). Canadian Rockies Caribou Project , Redwillow & Narraway Caribou Herds. 53. Royal Dutch Shell.
15. Hebblewhite, M., Musiani, M., N. DeCesare, S. Hazenberg, W. Peters, H. Robinson\*, and B. Weckworth\*. (2010). Canadian Rockies Woodland Caribou in Jasper National Park and Surrounding Areas. 27. Parks Canada.
16. Musiani, M. (2004). Non-lethal solutions to wolf predation on livestock. Development assistance to livestock farmers in the mountainous areas of the Sandzak region of Serbia.21. Final Report to the Food and Agriculture Organisation of the United Nations (UN).

17. Musiani, M., Callaghan, C., Going, M., Kaminski, T. and Mamo, C. (2002). Southern Alberta Conservation Cooperative: a Partnership with the Central Rockies Wolf Project, Alberta Cattle Commission, Alberta Sustainable Resource Development and University of Calgary to Reduce Conflicts Between Livestock Producers and Wolves.41. Southern Alberta Conservation Cooperative.
18. Musiani, M. (2001). Genetics, Hunting, Migration and Management of NWT Wolf Populations.27. Government of Northwest Territories  
Description / Contribution Value: Final Report to the Government of the Northwest Territories and to the World Wildlife Fund

## Conference Publications

1. Carrier, Prunier, Poisson, Auger, Harton, Gilbert, Kantanen, Musiani, Côté, Taillon, Albert, Bourret, Droit, Robert. (2021). Development of a SNP Chip for caribou/reindeer (*Rangifer tarandus*): Illumina BeadChip RangiferSNP63k\_v2. 18th North American Caribou Workshop, Quebec, Canada,  
Conference Date: 2021/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
2. Cavedon\*, vonHoldt, Hebblewhite, Hegel, Heppenheimer, Hervieux, Mariani, Schwantje, Steenweg, Watters, Musiani. (2021). Selection of both habitat and genes in specialized and endangered caribou. 18th North American Caribou Workshop, Quebec, Canada,  
Conference Date: 2021/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
3. Robert, Carrier, Trottier-Lavoie, Poisson, Dedato, Prunier, Gilbert, Bastien, Albert, Bourret, Taillon, Matromonaco, Musiani, Pokharel, Kantanen, Shafer, Droit, Côté. (2021). The new pangenomic SNP chip for *Rangifer tarandus*: design and validation. 18th North American Caribou Workshop, Quebec, Canada,  
Conference Date: 2021/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
4. Toews\*, Musiani, Visscher, Checkley, Smith\*, Massolo. (2020). Wildlife and domestic animal overlap and parasitic infections: the *Echinococcus multilocularis* case. ACTWS 2020 – Alberta Chapter of the Wildlife Society Annual Meeting, Webinar series, Camrose, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
5. Cavedon\*, vonHoldt, Heppenheimer, Adamczewski, Hebblewhite, Hegel, MacBeth, Mariani, Neufeld, Schwantje, Steenweg, Theoret\*, Musiani. (2020). Moving genes around: consequences for caribou conservation breeding program in Jasper area. Alberta Chapter of Wildlife Society (ACTWS) Conference 2020, Webinar series, ,  
Conference Date: 2020/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No

6. Theoret\*, Cavedon\*, Horne\*, vonHoldt, Hegel, Steenweg, Schwantje, Adamczewski, Musiani. (2020). Caribou on the Move: Identifying migratory behaviours to preserve intraspecies diversity. Alberta Chapter of Wildlife Society (ACTWS) Conference 2020. Webinar series, ,  
Conference Date: 2020/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
7. Schmitt\*, Li, Musiani, Filipe. (2020). A innovative paper-based technology for species detection. North American Congress for Conservation Biology, Denver, United States,  
Conference Date: 2020/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
8. Theoret\*, Cavedon\*, Horne\*, vonHoldt, Hegel, Steenweg, Schwantje, Adamczewski, Musiani. (2020). Caribou on the move: specifying caribou migratory behaviours to identify and preserve intraspecies diversity. North American Congress for Conservation Biology (NACCB) 2020, Denver, United States,  
Conference Date: 2020/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
9. Toews\*, Musiani, Checkley, Visscher, Smith\*, Massolo. (2020). *Echinococcus multilocularis*: Infections in domestic dogs and implications for public health. AAVP 2020 – American Association of Veterinary Parasitologists Annual Meeting, Snowbird, United States,  
Conference Date: 2020/6  
Abstract  
Published  
Refereed?: Yes, Invited?: No
10. Santa\*, Rezansoff, Chen , Gilleard, Musiani, Ruckstuhl, Massolo. (2020). Deep amplicon sequencing as a new tool to investigate the intraspecific diversity and the distribution of *Echinococcus multilocularis* in foxes and coyotes in western Canada. AAVP 2020 – American Association of Veterinary Parasitologists Annual Meeting, Snowbird, United States,  
Conference Date: 2020/6  
Abstract  
Published  
Refereed?: Yes, Invited?: No
11. Toews\*, Musiani, Visscher, Checkley, Smith\*, Massolo. (2020). Parasitic infections in domestic dogs: *Echinococcus multilocularis*. BGSA 2020 – Biology Graduate Student Association Biological Sciences Annual Symposium, Calgary, Canada,  
Conference Date: 2020/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
12. Schmitt\*, Li, Carlos, Musiani. (2019). A portable DNA Testing Device for the real-time detection of wildlife for non-experts. International Congress for Conservation Biology, Malaysia,  
Abstract  
Published  
Refereed?: Yes, Invited?: No



13. Musiani. (2019). Redefining Designable Units (DUs): Phase 2, Mountain and Boreal Caribou in Alberta and BC. 2019 Ecological Forum. Petroleum Technology Alliance Canada, Calgary, Canada, Conference Date: 2019/12  
Abstract  
Published  
Refereed?: No, Invited?: Yes
14. Theoret\*, Cavedon\*, Musiani. (2019). Classifying caribou migratory behaviour to identify and preserve intraspecies biodiversity. ACTWS · CSTWS 2019 CONFERENCE, Canmore, Canada, Conference Date: 2019/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
15. Cavedon\*, vonHoldt, Mariani, Hebblewhite, Schwantje, Musiani. (2019). Ecological genomics and conservation of caribou in Alberta and western North America. Alberta Chapter of the Wildlife Society ACTWS · CSTWS 2019 CONFERENCE, Canmore, Canada, Conference Date: 2019/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
16. Horne\*, Musiani, Cavedon\*, Theoret\*. (2019). Spatial separation during the caribou rut as a mechanism of reproductive isolation. ACTWS · CSTWS 2019 CONFERENCE, Canmore, Canada, Conference Date: 2019/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
17. Massolo, Towes\*, Smith\*, Lamont\*, Rock, Visscher, Musiani, Santa\*, Klein, Checkley. (2018). The breed effect on *E multilocularis* and *E canadensis* infections in urban dogs: the pooled prevalence may be misleading?. ICOPA 14th International congress of parasitology, Exco, Korea, Republic of,  
Abstract  
Published  
Refereed?: Yes, Invited?: Yes
18. Theoret\*, Cavedon\*, vonHoldt, Hegel, Steenweg, Schwantje, Adamczewski, Musiani. (2018). Behavioural And Genomic Variation Within And Between Caribou Populations. North American Congress for Conservation Biology, Toronto, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
19. Theoret\*, Cavedon\*, vonHoldt, Hegel, Steenweg, Schwantje, Adamczewski, Musiani. (2018). Classifying caribou migratory behaviour as part of an interdisciplinary approach to identify and preserve intraspecies biodiversity. 17th North American Caribou Workshop (NACW), Ottawa, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
20. Theoret\*; Cavedon\*; vonHoldt; Hegel; Steenweg; Schwantje; Adamczewski, Musiani. (2018). The impacts of human footprint on caribou populations may depend on migratory behaviour. Interdisciplinary Approaches to Managing Health of Fish and Wildlife Conference, Kimberley, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No

21. Cavedon\*, vonHoldt, Mariani, Hegel, Hervieux, Musiani. (2018). Ecological genomics: a new interdisciplinary tool for the management and conservation of caribou in western North America. 17th North American Caribou Workshop (NACW), Ottawa, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
22. Barrueto\*, Musiani, Clevenger. (2018). Cameras, DNA And Collaboration: Tools To Understand Wolverine Population Persistence In Large Multi-use Landscapes. North American Congress for Conservation Biology, Toronto, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: Yes
23. Cavedon\*, vonHoldt, Mariani, Hegel, Hervieux, Musiani. (2018). Ecological Genomics And Conservation Of Caribou In Western North America. North American Congress for Conservation Biology, Toronto, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
24. Pigeon, MacNearney, Hebblewhite, Musiani, Neufeld, Cranston, Stenhouse, Schmiegelow, Finnegan. (2018). The density of anthropogenic features explains seasonal and behaviour-based functional responses in selection of linear features by a social predator. 17th North American Caribou Workshop (NACW), Ottawa, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
25. Barrueto\*, Musiani, Sawaya, Jacob, Clevenger. (2018). Cameras, DNA and collaboration: tools to understand wolverine population persistence in large multi-use landscapes. BC Protected Area Research Forum, Prince Albert, Canada,  
Conference Date: 2018/12  
Abstract  
Published  
Refereed?: Yes, Invited?: No
26. Musiani. (2018). Ecological and genomic variation of caribou in West-Central Alberta and BC. 2018 Ecological Issues Forum, Calgary, Canada,  
Conference Date: 2018/11  
Abstract  
Published  
Refereed?: No, Invited?: Yes
27. Muhly\*, Johnson, Neilson, Hebblewhite, Merrill, Fortin, Latham, Latham, Fryxell, McLoughlin, Paquet, Patterson, Schmiegelow, Scurrah, Musiani. (2018). Functional Response of Wolves to Human Development across Boreal Canada. International Wolf Symposium 2018, Minneapolis, United States,  
Conference Date: 2018/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No

28. Musiani. (2018). Factors Influencing the Distribution and Abundance of Grizzly Bears Inhabiting the Barrenlands; Distribution and Phenology in Sub-Arctic Vegetation. Slave Geological Province Wildlife Monitoring Workshop, Yellowknife, Canada,  
Conference Date: 2018/4  
Abstract  
Published  
Refereed?: Yes, Invited?: Yes
29. Musiani. (2017). Ecology, genetics and conservation units despite gene flow in highly-vagile terrestrial mammals (caribou and wolves). Canadian Society for Ecology and Evolution Meeting with the Canadian Section, The Wildlife Society, Victoria, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
30. Steenweg, Hebblewhite, Whittington, Musiani, Burton, Fisher, Ladle, Paczkowski. (2017). Testing and expanding umbrella species — how large carnivore occupancy correlates with species diversity and food-web structure. Alberta Chapter of The Wildlife Society Annual Conference, Lac La Biche, ,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
31. Pigeon , MacNearney , Stenhouse , Cranston , Hebblewhite , Musiani, Neufeld. (2017). Habitat heterogeneity and functional responses explain seasonal and behaviour based selection of regenerating seismic lines for a social predator. Canadian Society for Ecology and Evolution Meeting with the Canadian Section, The Wildlife Society, Victoria, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
32. Musiani. (2017). Evaluating Genomic Diversity for Caribou in Alberta to Allow for Effective Biodiversity Monitoring, Augmentation and Conservation (phase 2). Ecological Issues Forum -PTAC, Calgary, Canada,  
Abstract  
Published  
Refereed?: No, Invited?: Yes
33. Finnegan, Pigeon, MacNearney, Cranston, Hervieux, Hebblewhite, Musiani, Neufeld, Schmiegelow, Stenhouse. (2017). Natural regeneration on seismic lines influences movement behaviour of wolves and grizzly bears. Canadian Society for Ecology and Evolution Meeting with the Canadian Section, The Wildlife Society, Victoria, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
34. Theoret\*, Hegel, Hervieux, Cavedon\* and Musiani. (2017). Integrating behavioural, morphological and genomic traits for caribou conservation. Faculty of Environmental Design Research Conference, Calgary, Canada,  
Poster  
Published  
Refereed?: Yes, Invited?: No
35. Musiani. (2016). Evaluating Genomic Diversity for Caribou in Alberta to Allow for Effective Biodiversity Monitoring, Augmentation and Conservation (phase 1). ECOLOGICAL ISSUES FORUM, Calgary, Canada,  
Abstract  
Published  
Refereed?: No, Invited?: Yes

36. Avgar, Prokopenko, Ciuti, Musiani, Boyce. (2016). From individual observations to population inference: decomposing and explaining variability in elk spatial behavior. 11th CSEE Annual Meeting, St John's, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
37. Musiani. (2016). Ecology, genetics, and conservation units despite gene flow in highly-vagile terrestrial mammals (caribou and wolves). 96TH ANNUAL MEETING OF THE AMERICAN SOCIETY OF MAMMALOGISTS, Minneapolis, United States,  
Abstract  
Published  
Refereed?: Yes, Invited?: No
38. Schweizer, Robinson, Harrigan, Silva, Galaverni, Musiani, Green, Novembre, Wayne. (2016). Evidence for environmentally driven functional variation in gray wolves. American Genetics Association President's Symposium on Local Adaptation, Asilomar, United States,  
Conference Date: 2016/7  
Abstract  
Published  
Refereed?: Yes, Invited?: Yes
39. Diepstraten\*, Jessen\*, Galpern, McDermid, Musiani. (2016). Assessing Availability of Vegetation for Grizzly Bear Conservation and Research in the Canadian Subarctic. 24th International Association of Bear Research and Management Conference, Anchorage, United States,  
Conference Date: 2016/6  
Poster  
Published  
Refereed?: Yes, Invited?: No
40. Jessen\*, Diepstraten\*, Massolo, McDermid, Musiani. (2016). Spatiotemporal features of tundra ecosystems influencing the abundance of grizzly bears inhabiting the barren-grounds of the Canadian Central Arctic. 24th International Association of Bear Research and Management Conference, Anchorage, United States,  
Conference Date: 2016/6  
Abstract  
Published  
Refereed?: Yes, Invited?: No
41. Schweizer, Robinson, Harrigan, Silva, Galaverni, Musiani, Green, Novembre, Wayne. (2016). Evidence for environmentally driven functional variation in gray wolves. Evolution, Austin, United States,  
Conference Date: 2016/6  
Abstract  
Published  
Refereed?: Yes, Invited?: No
42. Dubesky\*, Musiani. (2016). Stable Isotopic Analysis to test the effects of development and predation on Caribou decline. North American Caribou Workshop, Thunder Bay, Canada,  
Conference Date: 2016/5  
Poster  
Published  
Refereed?: Yes, Invited?: No

43. Finnegan, Pigeon, MacNearney, Cranston, Hervieux, Hebblewhite, Musiani, Neufeld, Schmiegelow, Stenhouse. (2016). Towards caribou habitat recovery: Considering natural regeneration and resource selection by grizzly bears, wolves, and caribou to prioritize restoration of legacy seismic lines. North American Caribou Workshop, Thunder Bay, Canada,  
Conference Date: 2016/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
44. Cavedon\*, Gubili\*, Heppenheimer, vonHoldt, Mariani, Musiani. (2016). Ecological genomics and conservation of caribou in western North America. 16th North American Caribou Workshop, Thunder Bay, Canada,  
Conference Date: 2016/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
45. Jessen\*, Diepstraten\*, Massolo, McDermid, Musiani. (2015). Spatiotemporal features of tundra ecosystems influencing the abundance of grizzly bears inhabiting the barren-grounds of the Canadian Central Arctic. 22nd International Conference of the Wildlife Society. NOTE: OBTAINED 1st PRIZE as best Master's poster, Winnipeg, Canada,  
Conference Date: 2016/10  
Poster  
Published  
Refereed?: Yes, Invited?: No
46. Diepstraten\*, Jessen\*, Galpern, McDermid, Musiani. (2015). Classifying Land Covers in the Central Arctic for Species of Concern. 11th ACUNS Student Conference, Calgary, Canada,  
Conference Date: 2015/11  
Poster  
Published  
Refereed?: Yes, Invited?: No
47. Dubesky\*, Musiani. (2015). Stable Isotopic Analysis to test the effects of development and predation on Caribou. The Wildlife Society Annual International Conference, Winnipeg, Canada,  
Conference Date: 2015/10  
Poster  
Published  
Refereed?: Yes, Invited?: No
48. Musiani, M. (2015). Ecological and genetic traits of threatened caribou: Conservation planning from the individual to the metapopulation. ICCB: 27th International Congress for Conservation Biology and 4th European Congress for Conservation Biology, Montpellier, France,  
Conference Date: 2015/8  
Abstract  
Published  
Refereed?: Yes, Invited?: No
49. Jessen\*, Diepstraten\*, Massolo, McDermid, Musiani. (2015). Spatiotemporal features of tundra ecosystems influencing the abundance of grizzly bears inhabiting the barren-grounds of the Canadian Central Arctic. ICCB: 27th International Congress for Conservation Biology and 4th European Congress for Conservation Biology, Montpellier, France,  
Conference Date: 2015/8  
Abstract  
Published  
Refereed?: Yes, Invited?: No

50. Musiani M. (2015). Variation of caribou from the individual to the metapopulation: reconciling management and evolutionary units. ACTWS 2015 Annual Conference Program, Edmonton, Canada, Conference Date: 2015/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
51. Kermish-Wells\*, Stenhouse, Larsen, Massolo, Musiani. (2015). Bear predation simplified: Using just frequent location downloads and space-time. ACTWS 2015 Annual Conference, Edmonton, Canada, Conference Date: 2015/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
52. Musiani M. (2014). The Role of Predation by Wolves and Bears in Caribou Declines in West-Central Alberta. PTAC 2014 Ecological Issues and Resource Access Forum, Calgary, Canada, Conference Date: 2014/11  
Abstract  
Published  
Refereed?: No, Invited?: Yes
53. Jessen\*, T., Diepstraten\*, R., Massolo, A., McDermid, G., and Musiani, M. (2014). Temporal Features of Tundra Ecosystems Best Predict the Density of Barren-Ground Grizzly Bears. 23rd International Association of Bear Research and Management Conference, Thessaloniki, Greece, Conference Date: 2014/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
54. Kermish-Wells\* J, Massolo A, Stenhouse GB, Larsen T, Galpern P, Musiani M. (2014). Bear foraging behaviour simplified: an approach using space-time statistics. 23rd International Conference on Bear Research and Management, Thessaloniki, Greece, Conference Date: 2014/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
55. DeCesare NJ, Hebblewhite M, Musiani M. (2014). Generating scale-integrated predictions from multi scale resource selection functions: an example with woodland caribou in Alberta. Society for Conservation Biology, North American Congress, Missoula, United States, Conference Date: 2014/7  
Abstract  
Published  
Refereed?: Yes, Invited?: Yes
56. Boyce MS, Ciuti\* S, Seidel D, Northrup J, Musiani M. (2014). Access Management Really Works. Symposium on Integrating Cutting-Edge Science into Regulations and Mitigation Measures for Oil and Gas Development, Society for Conservation Biology, North American Congress, Missoula, United States, Conference Date: 2014/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No

57. Orsel K, Pruvot M, Kutz S, Musiani M, De Buck J, Barkema H, Massolo A. (2014). When species do mingle; so do disease?. Canadian Veterinary Medical Association, St John's, Canada,  
Conference Date: 2014/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
58. Koren L, Ciuti\* S, Wynne-Edwards KE, Boyce MS, Musiani M. (2014). Testosterone Reveals Sex Differences In Wildlife Behavioural Strategies. International conference on Hormones, Brain and Behavior, Liege, Belgium,  
Conference Date: 2014/6  
Abstract  
Published  
Refereed?: Yes, Invited?: No
59. Pruvot M, Kutz S, Musiani M, Orsel K. (2014). What attracts elk onto beef cattle pasture: a distribution modelling approach to wildlife-livestock contact structure. Conference of the Society of Veterinary Epidemiology and Preventive Medicine, Dublin, Ireland,  
Conference Date: 2014/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
60. Musiani M. (2013). The Role of Predation in Woodland Caribou Declines. Resource Access and Ecological Issues Forum, Calgary, Canada,  
Conference Date: 2013/11  
Abstract  
Published  
Refereed?: No, Invited?: Yes
61. Bryan HM, Musiani M, Koren L, Wynne-Edwards KE, Smits JEG. (2013). Hormonal patterns reflect social instability in a heavily hunted wolf population. American Society of Mammalogists Meeting, Philadelphia, United States,  
Conference Date: 2013/6  
Abstract  
Published  
Refereed?: Yes, Invited?: No
62. Ciuti\* S, Muhly TB, Banfield JE, Musiani M, Boyce MS. (2013). Trade-offs between predation risk and food quality re-distribute elk across a road network: not all roads are equal. Western states & provinces 10th DEER & ELK WORKSHOP, Missoula, United States,  
Conference Date: 2013/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
63. Joseph Kermish-Wells\*; Gordon Stenhouse, Terry Larsen, Alessandro Massolo, and Marco Musiani. (2013). Space-time Scan Approach to Identifying Grizzly Bear Behavior. CONFORWest 4th Annual Graduate Student Conference on Forestry & Environmental Sciences in Western North America, Kananaskis, Canada,  
Conference Date: 2013/4  
Poster  
Published  
Refereed?: Yes, Invited?: No

64. Musiani M. (2013). Managing human influences on contemporary evolution & decline of caribou. Joint Meeting of the Alberta Chapter & the Canadian Section of The Wildlife Society, Canmore, Canada, Conference Date: 2013/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
65. Arnison\* C, Musiani M, Wilmshurst J, Neufeld L, Bradley M. (2013). Managing Elk Population Decline in Jasper National Park, Alberta, Canada. Joint Meeting of the Alberta Chapter & the Canadian Section of The Wildlife Society, Canmore, Canada, Conference Date: 2013/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
66. Hebblewhite M, DeCesare NJ, Whittington J, Neufeld L, Bradley M, Musiani M. (2013). Resource Selection, Predation Risk, and Population Dynamics of Woodland Caribou in West-Central Alberta. Joint Meeting of the Alberta Chapter & the Canadian Section of The Wildlife Society, Canmore, Canada, Conference Date: 2013/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
67. DeCesare NJ, Hebblewhite M, Bradley M, Hervieux D, Musiani M. (2013). Linking habitat selection and predation risk to spatial variation in fitness for woodland caribou. Montana Chapter of the Wildlife Society, Annual Meeting, Missoula, United States, Conference Date: 2013/2  
Abstract  
Published  
Refereed?: Yes, Invited?: No
68. Weckworth\* B, Musiani M. (2012). Recent findings in the Musiani/Hebblewhite labs: caribou genetics. FRI Woodland Caribou Workshop, Calgary, Canada,  
Abstract  
Published  
Refereed?: Yes, Invited?: Yes
69. Musiani M. (2012). The Role of Predation in Woodland Caribou Declines. Resource Access and Ecological Issues Forum, Calgary, Canada, Conference Date: 2012/11  
Abstract  
Published  
Refereed?: No, Invited?: Yes
70. Musiani M. (2012). Responding to the Woodland Caribou Recovery Strategy. Environmental Monitoring for Resource Development, Calgary, Canada, Conference Date: 2012/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No



71. Musiani M. (2012). Wolf ecology and ecosystem management findings from the books: 'The World of Wolves' and 'A New Era for Wolves and People'. First International Wolf and Carnivore Conference, Thompson, Canada,  
Conference Date: 2012/10  
Abstract  
Published  
Refereed?: Yes, Invited?: Yes
72. Semeniuk\* CAD, Birkigt D, Musiani M, McDermid G, Hebblewhite M, Grindal S, Marceau DJ. (2012). Forecasting the impact of land-use changes on Albertan woodland caribou using a behavior-based, spatially explicit scenario-planning model. 14th North American Caribou Workshop, Fort St-John, Canada,  
Conference Date: 2012/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No
73. Pruvot M, Musiani M, De Buck J, Barkema HW, Kutz S, Orsel K. (2012). Mycobacterium avium subsp. paratuberculosis (MAP) and Neospora caninum: Risk of transmission between cattle and elk in Southwestern Alberta Foothills. International Symposium on Veterinary Epidemiology and Economics, Maastricht, Netherlands,  
Conference Date: 2012/8  
Abstract  
Published  
Refereed?: Yes, Invited?: No
74. Pruvot M, Lejeune M, Kutz S, Musiani M, Orsel K. (2012). Eco-epidemiology of Fascioloides magna at the interface between cattle and elk. International Symposium on Veterinary Epidemiology and Economics, Maastricht, Netherlands,  
Conference Date: 2012/8  
Abstract  
Published  
Refereed?: Yes, Invited?: No
75. Orsel K, Musiani M, Kutz S, Pruvot M. (2012). Epidemiological methodology for fecal collections from freeranging elk in southwestern Alberta. International Symposium on Veterinary Epidemiology and Economics, Maastricht, Netherlands, Maastricht, Netherlands,  
Conference Date: 2012/8  
Abstract  
Published  
Refereed?: Yes, Invited?: No
76. Pruvot M, Forde T, Kutz S, De Buck J, Musiani M, Barkema H, Orsel K. (2012). Mycobacterium avium subsp. paratuberculosis at the interface between free-ranging elk and beef cattle in Southwestern Alberta. Wildlife Disease Association 61th Annual International Conference, Lyon, France,  
Conference Date: 2012/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
77. Pruvot M, Lejeune M, Kutz S, Musiani M, Orsel K. (2012). Eco-epidemiology of Fascioloides magna in elk of the Canadian Rockies in a wildlife-livestock system. Wildlife Disease Association, 61th Annual International Conference, Lyon, France,  
Conference Date: 2012/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No

78. Birkigt D, Semeniuk\* C, Musiani M, McDermid G, Hebblewhite M, Grindal S, Marceau D. (2012). Geospatial intelligence in the analysis of complex ecological issues. GeoAlberta Conference, Calgary, Canada, Conference Date: 2012/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
79. Birkigt D, Semeniuk\* C, Musiani M, McDermid G, Hebblewhite M, Grindal S, Marceau D. (2012). Simulation of forestry and upstream oil/gas development in the Little Smoky region of Alberta using Cellular Automata. Global Geospatial Conference, Quebec City, Canada, Conference Date: 2012/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
80. Semeniuk\* S, Birkigt D, Musiani M, Hebblewhite M, Grindal S, Marceau D. (2012). A scenario-planning model to forecast the impact of different degrees of land-use intensification on Albertan woodland caribou. Global Geospatial Conference, Quebec City, Canada, Conference Date: 2012/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
81. Semeniuk\* C, Birkigt D, Musiani M, Hebblewhite M, Grindal S, Marceau D. (2012). A scenario-planning model to forecast the impact of different degrees of land-use intensification on caribou. Alberta Chapter of TWS, Medicine Hat, Canada, Medicine Hat, Canada, Conference Date: 2012/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
82. DeCesare NJ, Weckworth\* B, Hebblewhite M, Musiani M. (2012). Recent findings in the Musiani/Hebblewhite labs: resource selection, and predation risk. FRI Woodland Caribou Workshop, Calgary, Canada, Conference Date: 2012/1  
Abstract  
Published  
Refereed?: Yes, Invited?: Yes
83. Semeniuk\* C, Birkigt D, Musiani M, Hebblewhite M, Grindal S, Marceau D. (2012). Moving towards scenario planning to understand caribou. FRI Woodland Caribou Workshop, Calgary, Canada, Conference Date: 2012/1  
Abstract  
Published  
Refereed?: Yes, Invited?: No
84. Pruvot M, Kutz S, Massolo A, Musiani M, Orsel K. (2011). The dynamics of giant liver fluke, *Fascioloides magna*, at the wildlife-livestock interface. 3rd Epidemics conference, Boston, United States, Conference Date: 2011/12  
Abstract  
Published  
Refereed?: Yes, Invited?: No

85. Pruvot M, Musiani M, De Buck J, Barkema H, Kutz S, Massolo A, Orsel K. (2011). Disease transmission at the livestock-wildlife interface: *Neospora caninum* and *Mycobacterium avium* subsp. *paratuberculosis* in beef cattle and elk. 3rd Epidemics conference, Boston, United States, Boston, United States, Conference Date: 2011/12  
Abstract  
Published  
Refereed?: Yes, Invited?: No
86. Weckworth\* BV, Musiani M, McDevitt\* AD, Hebblewhite M, Mariani S. (2011). Re-evaluating patterns of caribou classification in western North America: implications for conservation intraspecies diversity. 4th Annual Research Symposium of the Montana Chapter of the Society for Conservation Biology, Missoula, United States, Conference Date: 2011/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
87. Musiani M. (2011). The Role of Predation in Woodland Caribou Declines. Resource Access and Ecological Issues Forum, Calgary, Canada, Conference Date: 2011/11  
Abstract  
Published  
Refereed?: No, Invited?: Yes
88. DeCesare NJ, Hebblewhite M, Schmiegelow F, Hervieux D, McDermid G, Neufeld L, Bradley M, Whittington J, Smith KG, Morgantini LG, Wheatley M, Musiani M. (2011). Transcending scale-dependence in identifying habitat for endangered species. Montana Chapter of the Society for Conservation Biology, Annual Meeting, Missoula, United States, Conference Date: 2011/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
89. Stronen AV, Forbes GJ, Sallows T, Goulet G, Musiani M, Paquet PC, Tessier N, Jolicoeur H, Lapointe FJ. (2011). Wolf skull morphology and mitochondrial DNA haplotypes in the Riding Mountain National Park region of Manitoba, Canada. International Conference in Landscape Genetics, Bialowiesza, Poland, Conference Date: 2011/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
90. Musiani M, Cluff D, Mariani S, McDevitt\* AD, Weckworth\* BV, Wayne R. (2011). Ecological differentiation in highly mobile mammals such as wolves and caribou, but not elk. International Conference in Landscape Genetics, Bialoweza, Poland, Conference Date: 2011/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
91. Semeniuk\* C, Birkigt D, Musiani M, Hebblewhite M, Grindal S, Marceau D. (2011). Evaluating risk effects of industrial features on caribou. 18th Biennial International Society of Ecological Modelling Conference, Beijing, China, Conference Date: 2011/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No

92. Weckworth\* BV, Musiani M, McDevitt\* AD, Hebblewhite M, Mariani S. (2011). Caribou genetic diversity in western North America: implications for hunting and conservation planning. 13th International Arctic Ungulate Conference, Yellowknife, Canada,  
Conference Date: 2011/8  
Abstract  
Published  
Refereed?: Yes, Invited?: No
93. Semeniuk\* CAD, Musiani M, Hebblewhite M, Grindal S, Marceau D. (2011). Evaluating risk effects of industrial features on woodland caribou habitat selection in west-central Alberta using agent-based modeling. 4th International Cartographic Association Workshop on Geospatial Modelling, Vancouver, Canada,  
Conference Date: 2011/8  
Abstract  
Published  
Refereed?: Yes, Invited?: No
94. Semeniuk\* CAD, Musiani M, Hebblewhite M, Grindal S, Marceau DJ. (2011). An agent-based model of woodland caribou habitat selection in west central Alberta: A behavioral and ecological approach. Proceedings of the 11th International Conference on Geocomputation, London, United Kingdom,  
Conference Date: 2011/7  
Paper  
Published  
Refereed?: Yes, Invited?: No
95. Weckworth\* B, Mariani S, McDevitt\* A, Hebblewhite M, Musiani M. (2011). Evolutionary dynamics of caribou (*Rangifer tarandus*) in western North America: a molecular review of taxonomy, ecotypes and populations. 91st Annual Meeting of the American Society of Mammalogists, Portland, United States,  
Conference Date: 2011/6  
Abstract  
Published  
Refereed?: Yes, Invited?: No
96. Whittington, DeCesare NJ, Robinson\* H, Bradley, Neufeld, Hebblewhite M, Musiani M. (2011). Caribou translocations to Banff and Jasper: prioritizing populations for recovery. Canadian Society for Ecology and Evolution, Banff, Canada,  
Conference Date: 2011/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
97. Weckworth\* B, Mariani S, McDevitt\* A, Hebblewhite M, Musiani M. (2011). Should tundra/woodland caribou hybrid populations of the Rockies be given special consideration?. Canadian Society for Ecology and Evolution, Banff, Canada,  
Conference Date: 2011/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
98. Musiani M, Weckworth\* B, McDevitt\* A, Hebblewhite M, DeCesare NJ, Robinson\* H, Peters, Mariani S. (2011). Evolution, phylogeography and classification of caribou in western North America. Canadian Society for Ecology and Evolution, Banff, Canada,  
Conference Date: 2011/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No

99. Muhly\* T, Semeniuk\* C, Massollo A, Hickman, Musiani M. (2011). Human activity on roads and trails help prey win the predator-prey space race. Alberta Chapter of the Wildlife Society Meeting, Canmore, Canada, Conference Date: 2011/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
100. Stronen AV, Forbes GJ, Sallows T, Goulet G, Musiani M, Paquet PC, Tessier N, Jolicoeur H, Lapointe FJ. (2011). Wolf skull morphology and mitochondrial DNA haplotypes in the Riding Mountain National Park region of Manitoba. Manitoba Parks and Protected Areas Research Forum of Manitoba, Winnipeg, Canada, Conference Date: 2011/1  
Abstract  
Published  
Refereed?: Yes, Invited?: No
101. Whittington, DeCesare NJ, Robinson\* H, Bradley, Neufeld, Hebblewhite M, Musiani M. (2010). Caribou Translocations: Are Conditions Right for Success? A case study in Banff National Park. North American Caribou Conference, Winnipeg, Canada, Winnipeg, Canada, Conference Date: 2010/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
102. Musiani M. (2010). Should we conserve tundra/woodland caribou hybrids too?. North American Caribou Conference, Winnipeg, Canada, Conference Date: 2010/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
103. Sponarski\* C, Bath AJ, Musiani M. (2010). Changing attitudinal rural landscape: A case study study of values and attitudes toward wolves and wolf management. Pathways to Success 2010 Conference, Estes Park, United States, Conference Date: 2010/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No
104. Muhly\* TB, Musiani M. (2010). Ecosystem engineering by humans at three tropic levels. International Peace Park Science and History Day, Waterton, Canada, Conference Date: 2010/8  
Abstract  
Published  
Refereed?: Yes, Invited?: Yes
105. Northrup JN, Pitt J, Muhly\* T, Musiani M, Stenhouse GB, Boyce MS. (2010). Conservation of grizzly bears using access management. 24th International Congress for Conservation Biology, Edmonton, Canada, Conference Date: 2010/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No

106. Muhly\* TB, Alexander M, Boyce MS, Creasey R, Hebblewhite M, Paton D, Pitt JA, Musiani M. (2010). Cascading effects of humans, through wolves, on a terrestrial ecosystem. 24th Annual Meeting of the Society of Conservation Biology, Edmonton, Canada, Conference Date: 2010/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
107. Whittington, DeCesare NJ, Robinson\* H, Bradley, Neufeld, Hebblewhite M, Musiani M. (2010). Population Viability Analysis of Translocation-Assisted Woodland Caribou Recovery. 24th Annual Meeting of the Society of Conservation Biology, Edmonton, Canada, Conference Date: 2010/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
108. Sponarski\* C, Bath A, Musiani M. (2010). Understanding social trust, salient values and public attitudes toward wolves and wolf management in southwestern Alberta, Canada. Society of Conservation Biology Conference, Edmonton, Canada, Conference Date: 2010/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
109. Knowles JC, vonHoldt B, Pollinger J, Coltman D, Musiani M, Novembre J, Wayne RK. (2010). Grey wolf population genomics: SNP arrays in the wild. Canadian Society for Ecology and Evolution, Quebec City, Canada, Conference Date: 2010/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
110. Northrup JN, Pitt J, Muhly\* T, Musiani M, Stenhouse GB, Boyce MS. (2010). The effects of traffic on grizzly bear selection of roaded habitats. Alberta Chapter of the Wildlife Society Annual Conference, Red Deer, Canada, Conference Date: 2010/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
111. Sponarski\* C, Bath A, Musiani M. (2010). Understanding social trust, salient values and public attitudes toward wolves and wolf management in southwestern Alberta, Canada. Alberta Chapter of the Wildlife Society Conference 2010, Red Deer, Canada, Conference Date: 2010/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
112. DeCesare NJ, Whittington J, Robinson\* H, Hebblewhite M, Bradley M, Neufeld L, Cleveland J, Goldberg L, Greene M, Hurley, Miller C, Peters W, Polfus J, Musiani M. (2010). Evaluating the translocation of southern mountain woodland caribou to restore small populations. Montana Chapter of the Wildlife Society, Annual Meeting, Helena, United States, Conference Date: 2010/2  
Abstract  
Published  
Refereed?: Yes, Invited?: No

113. Muhly\* TB, Musiani M. (2009). Cascading effects of humans, through wolves, in a multiple land use ecosystem. Carnivores 2009, Denver, United States, Conference Date: 2009/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
114. Musiani, M. (2009). A New Era for Wolves and People: Wolf Recovery, Human Attitudes and Photos of Wild Wolves. Carnivores 2009, Denver, United States, Conference Date: 2009/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
115. Sponarski\* C, Bath A, Musiani M. (2009). Understanding social trust, salient values and public attitudes toward wolves and wolf management in southwestern Alberta, Canada. Carnivore Conference 2009: Carnivore conservation in a changing world., Denver, United States, Conference Date: 2009/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
116. Musiani M. (2009). Linear Features, Forestry and Wolf Predation of Caribou and Other Prey in West-Central Alberta. Resource Access and Ecological Issues Forum, Calgary, Canada, Conference Date: 2009/11  
Abstract  
Published  
Refereed?: No, Invited?: Yes
117. Muhly\* TB, Gates CC, Musiani M. (2009). Husbandry practices and livestock vulnerability influence depredation by wolves in southwest Alberta. Society for Range Management, International Mountain Section, Fall Meeting, Pincher Creek, Canada, Conference Date: 2009/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
118. Anwar SM, Musiani M, McDermid G, Hebblewhite M, Marceau D. (2009). An agent-based model to investigate the impact of increased levels of human presence on wolf behavior in Banff and Kootenay National Parks, Canada. International Society for Ecological Modeling (ISEM 2009), Quebec City, Canada, Conference Date: 2009/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
119. Stronen A, Forbes G, Paquet PC, Musiani M. (2009). Wolf Genetics in the Riding Mountain Ecosystem. 2nd European Congress of Conservation Biology. Conservation biology and beyond: from science to practice, Prague, Czech Republic, Conference Date: 2009/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No

120. DeCesare NJ, Hebblewhite M, Smith KG, Weckworth\* B, Musiani M. (2009). The demographic consequences of partial migration among woodland caribou in fragmented landscapes. Ecology Society of America, Annual Meeting, Albuquerque, United States,  
Conference Date: 2009/8  
Abstract  
Published  
Refereed?: Yes, Invited?: No
121. Weckworth\* BV, McDevitt\* A, Mariani S, Hebblewhite M, DeCesare NJ, Morgantini L, Seip D, Musiani M. (2009). Mixing it up after the Ice Age: Post-Pleistocene genetic and behavioral dynamics of partially migratory caribou in the Canadian Rockies. Ecology Society of America, Annual Meeting, Albuquerque, United States,  
Conference Date: 2009/8  
Abstract  
Published  
Refereed?: Yes, Invited?: No
122. Anwar SM, Musiani M, McDermid G, Marceau D. (2009). How do human activities shape wolf's behavior in the Central Rocky Mountains region, Alberta, Canada. Agent-Directed Simulation Symposium 2009, San Diego, United States,  
Conference Date: 2009/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
123. McDevitt\* AD, Mariani S, Hebblewhite M, DeCesare NJ, Morgantini L, Seip D, Weckworth\* BV, Musiani M. (2009). Survival of a unique and sensitive type of caribou in the Canadian Rockies. 20th Annual Meeting of the Alberta Chapter of the Wildlife Society, Edmonton, Canada,  
Conference Date: 2009/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
124. Musiani M. (2008). The challenge of woodland caribou conservation in the Canadian Rockies: are more parks the answer?. BC Protected Areas Research Forum, Prince George, Canada,  
Conference Date: 2008/12  
Abstract  
Published  
Refereed?: Yes, Invited?: No
125. Hebblewhite M, Musiani M. (2008). Y2Y Peace-Breaks steering committee: The Challenge of Woodland Caribou Conservation in the Canadian Rockies. BC Protected Areas Research Forum, Prince George, Canada,  
Conference Date: 2008/12  
Abstract  
Published  
Refereed?: Yes, Invited?: No
126. Weckworth\* BV, Hebblewhite M, Musiani M. (2008). Heavy wolf harvesting results in sociological and genetic degradation. The Wildlife Society Annual Conference, Miami, United States,  
Conference Date: 2008/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No



127. Hebblewhite M, Musiani M. (2008). A Unique and Sensitive Type of Caribou in the Rockies. Resource Access and Ecological Issues Forum, Calgary, Canada,  
Conference Date: 2008/11  
Abstract  
Published  
Refereed?: No, Invited?: Yes
128. Musiani M. (2008). Linear Features, Forestry and Wolf Predation of Caribou and Other Prey in West-Central Alberta. Resource Access and Ecological Issues Forum, ConocoPhillips Amphitheatre, Calgary, Canada,  
Conference Date: 2008/11  
Abstract  
Published  
Refereed?: No, Invited?: Yes
129. Anwar SM, Musiani M, McDermid G, Marceau D. (2008). An agent-based model (ABM) to simulate the impact of human activities on wolf behaviour. GeoAlberta 2008 conference, Edmonton, Canada,  
Conference Date: 2008/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
130. Robinson\* HS, Hebblewhite M, Musiani M. (2008). Modeling relationships between fire, caribou, wolves, elk and moose to aid prescribed fire and caribou recovery in the Canadian rocky mountain national parks. International Association of Wildland Fire Conference, Jackson, United States,  
Conference Date: 2008/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No
131. Robinson\* HS, Hebblewhite M, Musiani M. (2008). Modeling relationships between fire, caribou, wolves, elk and moose to aid prescribed fire and caribou recovery in the Canadian Rocky Mountain National Parks. Canadian Parks for Tomorrow, Calgary, Canada,  
Conference Date: 2008/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
132. Massolo A. Musiani M. (2008). Impact of hikers on wildlife species in Banff National Park. Canadian Parks for Tomorrow, Calgary, Canada,  
Conference Date: 2008/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
133. McDevitt\* AD, Mariani S, Hebblewhite M, DeCesare NJ, Morgantini L, Seip D, Weckworth\* BV, Musiani M. (2008). A new challenge for caribou (*Rangifer tarandus*) management in the Canadian Rockies: reconciling present-day demographics with Quaternary evolutionary history. Annual Meeting of the Canadian Society for Ecology and Evolution, Vancouver, Canada,  
Conference Date: 2008/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No

134. Anwar\*, S. M., Musiani, M., McDermid, G. and D. Marceau. (2008). An agent-based model to simulate the impact of human activities on wolf behavior in the central Rocky Mountains region, Alberta, Canada. Proceedings of The 19th International Association of Science and Technology for Development (IASTED) International Conference on Modelling and Simulation., Quebec City, Canada, Conference Date: 2008/5  
Paper  
Published  
Refereed?: Yes, Invited?: No
135. Laporte\* I, Boyce M, Creasey R, Muhly\* T, Sponarski\* C, Musiani M. (2008). Costs of wolves' visits on cattle and elk. 20th Annual North American Wolf Conference, Chico Hot Springs, Pray Montana, Pray, United States, Conference Date: 2008/4  
Abstract  
Published  
Refereed?: Yes, Invited?: No
136. Robinson\* HS, Hebblewhite M, Musiani M. (2008). Modeling relationships between fire, caribou, wolves, elk and moose to aid prescribed fire and caribou recovery in the Canadian Rocky Mountain National Parks. Montane Ecosystem Science Workshop, Banff, Canada, Conference Date: 2008/1  
Abstract  
Published  
Refereed?: Yes, Invited?: No
137. Musiani M. (2007). Linear Features, Forestry and Wolf Predation of Caribou and Other Prey in West-Central Alberta. Resource Access and Ecological Issues Forum, ConocoPhillips Amphitheatre, Calgary, Canada, Conference Date: 2007/11  
Abstract  
Published  
Refereed?: No, Invited?: Yes
138. Coleshill\* C, Musiani M. (2007). Bear, Wolf, Elk and Human Use at Valley Bottoms in Banff National Park. Columbia Mountain Institute of Applied Ecology Annual General Researcher's Meeting, Radium, Canada, Conference Date: 2007/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
139. Rogala\* J, Musiani M. (2007). Wildlife Behaviour in Two Areas with Different Human Use in the Canadian Rocky Mountains National Parks. 18th Annual Meeting and Conference of the Alberta Chapter of the Wildlife Society, Canmore, Canada, Conference Date: 2007/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
140. Muhly\* T, Gates CC, Musiani M. (2007). Husbandry practices reduce wolf depredation risk in southwestern Alberta. 18th Annual Meeting and Conference of the Alberta Chapter of the Wildlife Society, Canmore, Canada, Conference Date: 2007/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No

141. Rogala\* J, Coleshill C, Musiani M. (2007). Spatial/temporal patterns of human use and carnivore movements. Banff Montane Ecosystem Science Workshop, Banff, Canada,  
Conference Date: 2007/1  
Abstract  
Published  
Refereed?: Yes, Invited?: No
142. Stronen A, Forbes G, Paquet PC, Musiani M. (2006). Wolf Genetic Relationships, Dispersal and Disease in the Riding Mountain Ecosystem. Parks and Protected Areas Research Forum of Manitoba, Parks Canada, Winnipeg, Canada,  
Conference Date: 2006/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
143. Stronen, A.V., G.J. Forbes, P.C. Paquet and M. Musiani. (2006). Wolf Genetic Relationships, Dispersal and Disease in the Riding Mountain Ecosystem. Proceedings of the Parks and Protected Areas Research Forum of Manitoba, Winnipeg, Canada,  
Conference Date: 2006/10  
Paper  
Published  
Refereed?: Yes, Invited?: No  
Editors: C. Perrett et al.
144. Rogala\* J, Musiani M. (2006). Wildlife Responses to Human Activity. Organization of Wildlife Planners Annual Conference, Canmore, Canada,  
Conference Date: 2006/5  
Abstract  
Published  
Refereed?: Yes, Invited?: No
145. Musiani M. (2006). Lethal control and its limitations. 18th Annual North American Wolf Conference, Chico Hot Springs, Pray, Montana, Pray, United States,  
Conference Date: 2006/4  
Abstract  
Published  
Refereed?: Yes, Invited?: No
146. Breck S, Gehring T, Musiani M, Williamson R. (2006). Fencing (fladry, turbo-fladry, electric fencing, predator deterrent fencing). 18th Annual North American Wolf Conference, Chico Hot Springs, Pray, Montana, Pray, United States,  
Conference Date: 2006/4  
Abstract  
Published  
Refereed?: Yes, Invited?: No
147. Musiani M. (2006). Seasonality and Recurrence of Depredation and Wolf Control in Western North America. 18th Annual North American Wolf Conference, Chico Hot Springs, Pray, Montana, Pray, United States,  
Conference Date: 2006/4  
Abstract  
Published  
Refereed?: Yes, Invited?: No

148. Musiani M, Gates CC, Muhly\* T, Stone SA, Tosoni E. (2005). Reoccurrence of depredation and wolf control as wolves return to the West. *Frontiers of Wolf Recovery: Southwestern United States and the World*, Colorado Springs, Colorado Springs, United States, Conference Date: 2005/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
149. Musiani M, Cluff HD, Gates CC, Leonard JA, Mariani S, Paquet PC, Vila' C, Wayne RK. (2005). Rethinking wolf differentiation based on concordant genetic, morphological and behavioral traits. *Frontiers of Wolf Recovery: Southwestern United States and the World*, Colorado Springs, United States, Conference Date: 2005/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
150. Stone SA, Fascione N, Schrader G, Weiss A, Sneed P, Musiani M. (2004). The Nature of the Beast: Wolf Conflicts and Conservation in the Northern Rockies. *Carnivores 2004: Expanding Partnerships in Carnivore Conservation*, Santa Fe, United States, Conference Date: 2004/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
151. Musiani M, Muhly\* T, Gates CC, Callaghan C, Smith M, Tosoni E. (2004). Temporal predictability of wolf predation on livestock and wolf control in western North America. *Carnivores 2004: Expanding Partnerships in Carnivore Conservation*, Santa Fe, United States, Conference Date: 2004/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
152. Musiani M, Leonard JA, Vila' C, Cluff HD, Gates CC, Paquet PC, Mariani S, Wayne RK. (2004). Evolutionary units, management units and hunting of wolves associated with migratory caribou or resident prey. *The Wildlife Society Annual Conference*, Calgary, Canada, Conference Date: 2004/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No
153. Musiani M, Muhly\* T, Gates CC, Callaghan C, Smith M, Tosoni E. (2004). Temporal predictability of wolf predation on livestock and wolf control in western North America. *The Wildlife Society Annual Conference*, Calgary, Canada, Conference Date: 2004/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No
154. Muhly\* T, Gates CC, Callaghan C, Alexander S, Mamo C, Musiani M. (2004). Modeling risk of livestock to depredation by wolves in southwestern Alberta. *The Wildlife Society Annual Conference*, Calgary, Canada, Conference Date: 2004/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No

155. Muhly\* T, Gates CC, Callaghan C, Alexander S, Mamo C, Musiani M. (2004). Modeling livestock depredations by wolves in SW Alberta. 16th Annual Interagency Wolf Conference, Pray, United States, Conference Date: 2004/4  
Abstract  
Published  
Refereed?: Yes, Invited?: No
156. Muhly\* T, Callaghan C, Alexander S, Mamo C, Gates CC, Musiani M. (2003). Predicting risk of livestock depredation by wolves in southwestern Alberta. World Wolf Congress 2003 — Bridging Science and Community, , Conference Date: 2003/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No
157. Cluff HD, Paquet PC, Musiani M. (2003). Commercial hunt and predator control? The case of Rennie lake area wolf kill. World Wolf Congress 2003 — Bridging Science and Community, Banff, Canada, Conference Date: 2003/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No
158. Musiani M, Leonard JA, Vila' C, Cluff HD, Gates CC, Paquet PC, Gunn A, Mariani S, Wayne RK. (2003). Maintaining differentiation without geographic isolation in the North American gray wolf. World Wolf Congress 2003 — Bridging Science and Community, Banff, Canada, Conference Date: 2003/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No
159. Musiani M, Mamo C, Callaghan C, Going M. (2002). Working With Ranchers to Reduce Conflicts With Wolves. Carnivores 2002 - From the Mountains to the Sea, Monterey, United States, Conference Date: 2002/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
160. Volpi\* G, Boitani L, Callaghan C, Mamo C, Mattei L, Visalberghi E, Musiani M. (2002). Anti-wolf barriers to manage captive and wild wolves and protect livestock. Society for Conservation Biology, 16th Annual Meeting, Canterbury, United Kingdom, Conference Date: 2002/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
161. Musiani M, Cluff HD, Gates CC, Paquet PC, Wilson PJ, Walton LR, White BN. (2001). Hunting, migration and sinks/sources among Northern Canadian wolf populations. 8th Annual Conference of The Wildlife Society, Reno, United States, Conference Date: 2001/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No

162. Musiani M, Gates CC, Paquet PC, Cluff HD, Walton LR, Wilson PJ, White BN. (2001). Hunting, migration and sinks/sources among Northern Canadian wolf populations. Canid Biology and Conservation International Conference, Oxford, United Kingdom,  
Conference Date: 2001/9  
Abstract  
Published  
Refereed?: Yes, Invited?: No
163. Musiani M, Cluff HD, Gates CC, Paquet PC, Wilson PJ, Walton LR, White BN. (2001). Hunting, migration and sinks/sources among Northern Canadian wolf (*Canis lupus*) populations. American Society of Mammalogists 2001 Annual Meeting, Missoula, United States,  
Conference Date: 2001/6  
Abstract  
Published  
Refereed?: Yes, Invited?: No
164. Musiani M, Cluff HD, Gates CC, Paquet PC, Wilson PJ, White BN. (2001). Concentrated harvest, migration and genetics of Northern Canadian wolf populations: A preliminary analysis. Annual Conference and Meeting of the Northwest Section and Alberta Chapter of The Wildlife Society, Banff, ,  
Conference Date: 2001/3  
Abstract  
Published  
Refereed?: Yes, Invited?: No
165. Musiani M, Cluff HD, Gates CC, Paquet PC, Wilson PJ, White BN. (2001). Concentrated harvest, migration and genetics of Northern Canadian wolf populations: A preliminary analysis. Partners in Conservation Conference, Nisku, Canada,  
Conference Date: 2001/2  
Abstract  
Published  
Refereed?: Yes, Invited?: No
166. Musiani M, Boitani L, Callaghan C, Kaminski T, Paquet PC, Visalberghi E. (2000). Light barriers to protect livestock from wolf depredation. Carnivores 2000: A Conference on Carnivore Biology and Conservation in the 21st Century, Denver, United States,  
Conference Date: 2000/11  
Abstract  
Published  
Refereed?: Yes, Invited?: No
167. Musiani M, Visalberghi E, Boitani L, Paquet PC. (2000). Could flag barriers be employed to protect livestock from wolves?. 12th Annual North American Interagency Wolf Conference, Pray, United States,  
Conference Date: 2000/4  
Abstract  
Published  
Refereed?: Yes, Invited?: No
168. Musiani M, Visalberghi E, Boitani L. (2000). Captive wolves' avoidance of flag barriers and management implications. BEYOND 2000, Realities of Global Wolf Restoration Congress, Duluth, United States,  
Conference Date: 2000/2  
Abstract  
Published  
Refereed?: Yes, Invited?: No

169. Musiani M, Visalberghi E, Boitani L. (1999). The avoidance of virtual barriers by wolves in captivity. 2nd International Wildlife Management Congress, The Wildlife Society, Godollo, Hungary,  
Conference Date: 1999/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
170. Musiani M, Gentile L, Valentini M, Musiani P. (1998). Peripheral blood white cells and immunoreaction in the Brown Bear *Ursus arctos*. Euro-American Mammal Congress, Santiago de Compostela, Spain,  
Conference Date: 1998/7  
Abstract  
Published  
Refereed?: Yes, Invited?: No
171. Musiani M, Jedrzejewski W, Okarma H, Schmidt K. (1996). Home range e selezione operata dal lupo sulle specie di ungulati selvatici nella Foresta di Bialowieza. [Home ranges and ungulate prey selection by wolves in the Bialowieza Forest.].Convegno Nazionale dell'Associazione Teriologica Italiana, 3° Simposio Nazionale sui Carnivori, Perugia, Italy,  
Conference Date: 1996/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No
172. Musiani M, Gentile L, Valentini M, Musiani P. (1994). Cellule Bianche del sangue e reattività immunitaria nell'Orso Bruno Marsicano. [Peripheral Blood White Cells and Immunoreaction in the Marsican Brown Bear.].10 Congresso Italiano di Teriologia, Pisa, Italy,  
Conference Date: 1994/10  
Abstract  
Published  
Refereed?: Yes, Invited?: No

## Video Recordings

- 2016/11/24            Caribou in West-Central AB/BC (Marco Musiani).  
Producer: Land-Use Knowledge Network  
Description / Contribution Value: Discussion and update on the “Evaluating Genomic Diversity of Caribou in Alberta to Allow for Effective Biodiversity Monitoring, Augmentation, and Conservation” project
- 2014/09/09            Incorporating behavioral–ecological strategies in pattern-oriented modeling of caribou habitat use in a highly industrialized landscape.  
Distributor: CBC, Canadian TV  
Number of Contributors: 5  
Contributors: C.A.D. Semeniuk, M. Musiani, et al.  
Description / Contribution Value: Featured on David Suzuki’s The Nature of Things
- 2006/09/19            35 Years of Interdisciplinarity, Faculty of Environmental Design.  
Director: Fred Fountain, Edison  
Producer: Produced by Teaching & Learning Centre, University of Calgary  
Number of Contributors: 4  
Contributors: Musiani, M., Keough, N., Lee, T., Monteyne, D., Muller, L.  
Description / Contribution Value: The films includes interview with allformer Deans of EVDS and University of Calgary students, professorsand senior administrators.

- 2004/05/04      Non-lethal solutions to wolf predation on livestock: Development assistance to farmers in the Sandzak region of Serbia.  
Director: Ramo Tahirovic'  
Producer: Studio Orion  
Distributor: Food and Agriculture Organisation of the United Nations, Belgrade, Serbia and Rome, Italy.  
Contributors: Musiani et al.
- 2003/09/23      Wolf Conservation: It Is NOT Just About Wolves.  
Director: Joseph Potts  
Producer: TMYS Production  
Distributor: World Wolf Congress 2003, Banff, Alberta, Canada  
Contributors: Musiani et al.