

# SHAWN MICHAEL CLEVELAND

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## **VISION STATEMENT**

*To empower the next generation of diverse scientists through inclusive and transformative thought and collaborative decision making founded in science.*

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## **SKILLS & ABILITIES**

<i>Collaboration</i>	Skilled facilitator of collaborative efforts in community-based conservation, scientific research, landscape conservation and conflict resolution. Strong believer in the 80:20 rule and the belief that we have more that unites us than divides us.
<i>Education</i>	Skilled in course development, research incorporation and student engagement into lectures and laboratory exercises using Moodle, Blackboard and in-person interfaces.
<i>Mentoring</i>	Skilled mentor of aspiring biologists and career professionals.
<i>Modeling</i>	Skilled developer of complex statistical models and geospatial analysis.
<i>Wildlife Handling &amp; Survey</i>	Extensive experience teaching courses and workshops in aging, identification, and chemical and physical restraint of ungulates, carnivores, birds, and small mammals. Proficient in blood extraction, DNA sample collection, habitat classification and distance sampling methods.
<i>Field Equipment</i>	Extensive experience teaching courses and workshops in GPS use (Trimble, Garmin and Magellan), ATV and snowmobile safety and maintenance, utility trailer manipulation and maintenance, heavy equipment operation, chainsaw operation and safety and firearms safety.
<i>Philanthropy</i>	Skilled in donor development and cultivation and grant writing.
<i>Software</i>	Extensive experience teaching courses and workshops in ArcGIS, Microsoft Access, Excel, Word and PowerPoint. Proficient in R, STATA, SAS, SPSS, Pathfinder Office, MARK and DISTANCE.

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## **COURSES TAUGHT**

*Keystone College (All courses were taught in a live stream platforming Zoom)*

Fall Semester	<ul style="list-style-type: none"><li>• Botany</li><li>• Wildlife and Fisheries Management</li><li>• Introduction to Ecology</li></ul>	2020
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*SUNY College of Environmental Science & Forestry-Ranger School*

Fall Semester	<ul style="list-style-type: none"><li>• Remote Sensing and Geographic Information Systems</li><li>• Wildlife Techniques</li></ul>	2014-2018
Spring Semester	<ul style="list-style-type: none"><li>• Geographic Information Systems Applications</li><li>• Wildlife Conservation</li></ul>	

	<ul style="list-style-type: none"> <li>• Forest Insects and Disease (<i>Co-taught</i>)</li> </ul>	
Summer	<ul style="list-style-type: none"> <li>• Mammalogy</li> </ul>	2015-2016
Program	<ul style="list-style-type: none"> <li>• Wildlife Conservation</li> <li>• General Biology</li> </ul>	2015-2017 2015

### ***TEACHING ASSISTANTSHIPS***

#### *SUNY College of Environmental Science & Forestry*

Fall/Spring	<ul style="list-style-type: none"> <li>• Introduction to Geospatial Information Technology</li> </ul>	2013-2014
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#### *The University of Montana*

Spring Semester	<ul style="list-style-type: none"> <li>• Wildlife Habitat Conservation and Management</li> <li>• Introduction to Wildlife Ecology</li> </ul>	2008-2009
Fall Semester	<ul style="list-style-type: none"> <li>• Wildlife Habitat Conservation and Management</li> <li>• Wildlife and People</li> </ul>	2009
Fall Semester	<ul style="list-style-type: none"> <li>• Introduction to Natural Resources Management</li> <li>• Introduction to Wildlife Biology</li> </ul>	2007

### ***GRADUATE COMMITTEES***

Behavioral consequences of coat color mismatch in a snow dependent species. (MS)

Grassland landscape conservation using songbirds as focal species (PhD)

Mending Fences: Mitigating the Impact of Fences on Focal Wildlife Species (MS)

### ***WORK RELATED EXPERIENCE***

Fall 2020 (remote instruction)

Keystone College

La Plume, PA

#### **Adjunct Instructor**

*Supervisor: Vicki Stanavitch (570)-945-8410*

Developed and delivered courses in an online, real time Moodle and Zoom platform for diverse students in Ecology, Botany and Wildlife and Fisheries Management. Coordinated and supervised supporting lab activities taught by other adjunct instructors. Ensured academic integrity in an online platform and provide timely and consistent feedback to students. Modified the traditional lecture format to provide expanded learning opportunities given the online platform. Provided reliable and consistent feedback to students via virtual office hours and “open door” connectivity with the Zoom platform.

Summer 2020 (Part-time)

Wa-Ya Outdoor Institute

Olympia, WA

**Program Director**

*Supervisor: Rosalinda Turk (360)-628-7873*

Managed camp staff, facilitated weekly meetings and interfaced with the Wa-Ya Executive Board to insure a positive and collaborative learning environment for STEAM based youth development camp for diverse youth. Developed a Risk Management Plan as it relates to the COVID-19 pandemic and camp operations. Provided marketing and outreach to ensure camp enrollment standards were met. Researched grant opportunities and cultivated potential donors to diversify funding mechanisms for Wa-Ya Outdoor Institute operations. Develop Youth Leadership Camp for aspiring camp instructors.

December 2019 – Present

Colorado State University-Pueblo

Olympia, WA

**Research Professor**

*Supervisor/Collaborator: Dr. Nate Bickford (208)-301-8120*

Lead development of the Agricultural and Biodiversity Assessment Team (ABEST), a coalition of diverse stakeholders to identify novel threats and concerns for grassland ecosystems and working landscapes. Develop extramurally funded, landscape level research addressing knowledge gaps for grassland and sage-steppe dependent species. Specifically, develop and submit research proposals for understanding the spatial distribution of jackrabbits and their trophic link to Golden eagle populations across their geographic range in the United States.

June 2018 – Present

State University of New York College of Environmental  
Science and Forestry

Olympia, WA

**Adjunct Assistant Professor and Ph.D. Candidate**

*Supervisor: Dr. H. Brian Underwood (315)-877-4022*

Develop complex statistical and geospatial models and a statewide monitoring program for the distribution and abundance of snowshoe hare in New York State. Supervise a Master's Student developing complex statistical and geospatial models of the movement and resource selection of snowshoe hares confronted with variable snow cover in the Adirondack Park, Wanakena, NY.

October 2014 – June 2018

State University of New York College of Environmental  
Science and Forestry- Ranger School

Wanakena, NY

**Assistant Professor of Wildlife Biology and Geographic Information Systems**

*Supervisor: Dr. Michael Bridgen (315)-848-2566 x105*

Developed technical courses and labs in remote sensing and geographic information systems, ecological survey techniques, entomology, wildlife conservation, and community-based conservation. Provided mentoring and advising to 12-20 diverse students on career aspirations and goal setting. Developed an extramurally funded geospatial ecological research and apprenticeship program. Supervised up to six-seasonal employees and the wildlife apprentice. Advised community conservation and community forest management projects. Developed and participated in service-learning projects and promoted diversity. Improved outreach and collaboration with partnering agencies, the community and private partners.

April 2013 – April 2014

New York Department of Environmental Conservation

Albany, NY

**GIS Analyst/Research Associate - PT**

*Supervisor: Bryan Swift-Retired*

Developed a spatially explicit snow severity model for New York State. Conducted cluster analysis to aggregate Wildlife Management Units. Assisted the Biometrician conduct deer harvest analysis. Updated the geospatial database available to wildlife managers.

March 2010 – September 2012

The Nature Conservancy

Dodson, MT

**Glaciated Plains Land Steward – FT**

*Supervisor: Brian Martin (406) 443 – 6733*

Implement existing and develop new management protocols for grazing, prescribed burning, wildlife management, and public access on the 60,000-acre Matador Ranch and Grassbank. Developed and monitored effects of management activities on avian communities. Insured management and stewardship practices met or exceeded federal and state mandates. Maintained and improved relationships with local landowners, government and non-government organizations. Represented The Nature Conservancy at local, state, regional, and national meetings. Administered and provided oversight for all aspects of the budget development and reporting for the Matador Ranch and Grassbank and grants received. Conducted monthly meetings with Grassbank members to improve understanding and communication. Supervised the Matador Ranch Hand and 2-4 seasonal employees. Served as Wildlife Program Manager for the Matador Ranch and Grassbank and in the Glaciated Plains. Worked with the Director of Science to complete, implement, and coordinate research and monitoring in the Glaciated Plains, specifically as it relates to bird conservation and grazing regimes. Provided technical support for Montana Nature Conservancy science staff on state-wide wildlife related issues, specifically migratory bird surveys and human/wildlife conflict mitigation. Increased the scientific rigor on the Matador Ranch and in the Glaciated Plains. Developed and implemented annual leases and negotiated contracts and Memorandums of Understanding. Assisted Philanthropy staff with donor cultivation at the Matador Ranch and Grassbank, state events and nationally. Supported stewardship activities in the grasslands of Montana. Developed maps and analyzed data relative to management activities and stewardship projects. Founded the annual Matador Ranch Science and Land Management Symposium. Updated water rights documents per state requirements. Insured permitting standards were followed during stream and flood restoration efforts.

October 2004 – December 2006

University of Montana Division of Biological Sciences

Missoula, MT

**Lead Highway Mitigation Field Biologist – FT, 40 hrs/wk**

*Supervisor: Dr. Kerry Foresman-Retired*

Developed research protocols for a highway mitigation study along the Thompson River. Surveyed the locations and determined the relative abundance of ungulates and carnivores along the Thompson River Corridor. Reported observations of Threatened and Endangered Species to USFWS. Analyzed data and reported findings in summary reports and provided recommendations to the Department of Transportation regarding road development impacts on wildlife, including Threatened and Endangered Species. Deployed traffic counters to determine vehicle speed and use profiles. Supervised 3-4 seasonal field technicians and one fulltime staff member. Worked with industry to improve camera trap design and development. Provided quality assurance and control for data collection. Collected geospatial data using Trimble, Garmin and Magellan GPS units. Initialized and deployed GPS collars on bighorn sheep rams and ewes and analyzed data to determine road crossings. Assisted state wildlife veterinarian with locating and darting bighorn. Used software programs: *GPS Pathfinder Office, Mr. SID Geoviewer, Terra Sync,*

*Silent Image, MapSend, Terrain Navigator, Highway Data Management (Hdm), Microsoft Excel, and Microsoft Word.*

November 2003 – April 2004

Wildlife Conservation Society (WCS)

Ennis, MT

**Wolverine Technician – FT, 40 hrs/wk**

*Supervisor: Robert Inman (406) 570 – 5326*

Supervised 2-4 technicians and trained them to trap, handle and chemically immobilize wolverines. Instructed crew members on proper snowmobile handling and maintenance. Provided quality assurance and control of data collection and entry. Monitored and maintained remote sensing cameras. Attended National Avalanche Institute safety course.

May 2003 – August 2003

United States Geological Survey (USGS)

Missoula, MT

**Supervisory Grizzly Bear DNA Technician – FT, 40 hrs/wk**

*Supervisor: Vickie Edwards (406) 542 – 5550*

Supervised 2-4 technicians to identify optimum grizzly bear habitat and bear rub trees. Collected geospatial data on bear rub trees and hair snag locations. Assembled cattle exclusion fences and monitored and maintained remote cameras. Provided quality assurance and control of data collection and entry. Attended Forest Service chainsaw training and Aerie Wilderness First-Aid course. Worked with private landowners to achieve access to bear survey sights in the Blackfoot Valley.

January 2003 – March 2003

Idaho Department of Fish and Game Region 1

Coeur d'Alene, ID

**Wolverine Technician – FT, 40 hrs/wk**

*Supervisor: Jim Hayden-Retired*

Monitored and maintained remote sensing cameras to document wolverine occupancy in Northern Idaho. Insured proper maintenance for snowmobiles, trailers and vehicles. Provided quality assurance and control of data collection and entry. Collaborated with USFS Rocky Mountain Research Station when fisher and wolverines were documented.

September – December 2001 – 2003

Montana Department of Fish, Wildlife & Parks Region 2

Missoula, MT

**Hunter Access Technician – FT 40 hrs/wk**

*Supervisor: Ron Uchytel-Retired*

Patrolled Block Management Areas in the Blackfoot Valley to collect data on hunter use, enforced state camping and hunting regulations and resolved landowner/hunter conflict. Worked with landowners to improve parking and access locations to reduce impacts on fencing and private lands. Provided excellent customer service and information to the general public. Conducted "Hunting Safely in Grizzly Country" seminars during hunter access drawings.

May 2002 – July 2002

University of Montana Wildlife Program

Missoula, MT

**Sage-grouse Technician – FT, 40hrs/wk**

*Supervisor: Brendan Moynahan (406) 243 – 4449*

Navigated to remote vegetation plots, estimate percent cover of vegetation and identified plants to species level in eastern Montana. Assisted locating Sage-grouse using radio telemetry.

September 1999 – May 2002

Montana Department of Fish, Wildlife & Parks Region 2

Missoula, MT

**Wildlife Assistant – PT, 15 hrs/wk**

*Supervisor: Bob Henderson-Retired*

Assisted Regional Biologists and staff with data management, operated hunter check stations, addressed human/wildlife conflict issues and developed hunter access maps in ArcView 3.2. Conducted fur bearer surveys, aged deer, elk, bighorn sheep and mountain goats and chemically immobilized ungulates and carnivores. Assisted with the coordination and implementation of mountain goat and big horn sheep relocations. Provided excellent customer service when working with the public. Supervised and coordinated up to 6 volunteers on a winter elk trapping project on the Blackfoot Clearwater WMA to improve population estimates.

Summers of 2000 – 2001

The University of Montana / Rocky Mountain Research Station

Missoula, MT

**Research Assistant – FT, 40 hrs/wk**

*Supervisor: Dr. L. Scott Mills (406) 243 – 4151*

Supervised and trained up to 3 technicians to trap, handle, and mark snowshoe hares for mark/recapture population estimates. Identified and surveyed new trapping grids. Conducted vegetation sampling and pellet counts. Provided quality assurance and control of data collection.

July 1998 – August 1999

The University of Montana

Missoula, MT

**Wildlife/Lab Technician – School PT, 10 hrs/wk; Summer FT, 40 hrs/wk**

*Supervisor: Dr. Michael Schwartz (406) 542 – 4161*

**Lab Experience:**

Prepared and ran genetic samples for PCR analysis of Canada Lynx. Recorded birth and death rates and maintained a breeding colony of deer mice testing the one migrant per generation rule. Provided quality assurance and control of data collection.

**Field Experience:**

Conducted small mammal trapping and radio telemetry on deer mice released from the lab into the wild. Installed electric fence to reduce black bear damage on trapping grids in cooperation with Montana Fish, Wildlife & Parks.

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## **GRANTS AWARDED**

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- Cleveland, S.M., H.B. Underwood.** 2018. New York Department of Environmental Conservation. \$259,344.
- Cleveland, S.M., H.B. Underwood.** 2017. New York Department of Environmental Conservation. \$59,267.
- Cleveland, S.M.** 2016-2019. Internship Program Award-New York Department of Environmental Conservation. \$54,600.
- Cleveland, S.M.** 2015. McIntire-Stennis Grant Program. \$4,250
- Cleveland, S.M.** 2015. Northeastern States Research Cooperative Fellowship. \$10,000.
- Cleveland, S.M.** 2015. SUNY ESF Seed-Grant. \$7,750.
- Cleveland, S.M.** 2015. Cranberry Lake Biological Station. \$2,000.
- Cleveland, S.M., M. Lipsey.** 2011. Plains and Prairie Potholes Landscape Conservation Cooperative. \$120,000.
- Cleveland, S.M.** 2011. Collins Northwest Conservation Fund. \$382,932
- Cleveland, S.M.** 2009. Transboundary Research Award, \$3000.
- Hebblewhite, M., **S.M. Cleveland.** 2008. Rocky Mountain Elk Foundation. \$20,295.
- Cleveland, S.M., M. Hebblewhite.** 2008. Transboundary Research Award. \$912.
- Cleveland, S.M.** 2007. Hellgate Hunters and Anglers. \$600.
- Hebblewhite, M., **S.M. Cleveland.** 2007. Living With Wildlife. \$5000.

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## **EDUCATION**

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| <b>Doctor of Philosophy in Wildlife Sciences</b> | <i>Anticipated Summer 2021</i> |
| SUNY College of Environmental Science & Forestry |                                |
| <b>Masters of Science in Wildlife Biology</b>    | Spring 2010                    |
| The University of Montana                        |                                |
| <b>Bachelor of Science in Wildlife Biology</b>   | Spring 2002                    |
| The University of Montana                        |                                |

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## **PUBLICATIONS**

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- Kohl, M.T., **S.M. Cleveland**, J.A. Merkle, M.J. Wisdom, K.M. Proffitt, and M.M. Rowland. *In Prep.* Elk Rangeland Ecology. In: McNew L.B., D.K. Dahlgren and J.L. Beck (Ed.) *Rangeland Wildlife Ecology and Conservation*. Springer Nature Press.
- Cleveland, S.M.** and H.B. Underwood. *In Review.* Inconsistent snow causes four-fold reduction in home range size for a color morph species. *Journal of Mammalogy*
- Cleveland, S.M.** and H.B. Underwood. *In Prep.* Estimating small mammal abundance from single visit surveys.
- Cleveland, S.M.,** M.T. Kohl, and M. Hebblewhite. *In Prep.* The attenuation of fear: elk behavioral responses to the removal of a top predator.
- Gigliotti, L.C., R. Boonstra, D.R. Diefenbach, K. Kielland, C.J. Krebs, A. Kumar, L.S. Mills, **S.M. Cleveland**, H.B. Underwood, J.N. Pauli, E.C. Wilson, M.J. Sheriff. 2019. Latitudinal variation in

- snowshoe hare (*Lepus americanus*) body size and condition: A test of Bergmann's Rule. *Canadian Journal of Zoology*.
- Oliveras, S., N. Morey, J. Savage, and **S.M. Cleveland**. 2017. Cranberry Lake 50: A 50-Mile Loop and Trail. Five Ponds Partners. <http://cranberrylake50.org/CL50/wp-content/uploads/2017/05/CL50-Brochure-Map-2017.pdf>.
- Burchette, M., L. Phillips, H. Kline, L.Koczur, B.Korzekwa, **S.M. Cleveland**, and T. Rentz. 2017. Graduate School from the Student Perspective. In: Henke, S.E. and P.R. Krausman (Ed.) *Becoming a Wildlife Professional*. John Hopkins University Press.
- Cleveland, S.M.**, M. Hebblewhite, M.J. Thompson, and R. Henderson. 2012. Linking elk movement and resource selection in heterogeneous landscapes. *Wildlife Society Bulletin* DOI: 10.1002/wsb.182.
- Kohl, M.T., M. Hebblewhite, **S. M. Cleveland**, and R.M. Callaway. 2012. Forage value of invasive species to the diet of rocky mountain elk. *Rangelands* 34:24-28.
- Martin, B. and **S.M. Cleveland**. 2011. Community-based conservation and the use of grassbanking in the Northern Montana Prairies. *Proceedings of America's Grassland Conference* 64-66.
- Cleveland, S.M.** and J. Tack. 2011. Photo essay. In D. Naugle (Ed.) *Energy Development and Wildlife in Western North America*. Island Press, Washington, D.C.
- Cleveland, S.M.** 2010 Human predation risk and elk behavior in heterogeneous landscapes. *Thesis*. University of Montana, Missoula.
- Cleveland, S. M.**, J. Merkle, R. Stutzman, G. Neudecker, J. Stone, and D. Naugle. 2009. Lessons from the field: a hands-on crash course in landscape conservation. *The Wildlife Professional* 3:40-41.

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## **PROFESSIONAL PRESENTATIONS**

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- Cleveland, S.M.** and H.B. Underwood. 2019. Chasing Snow: The behavioral consequences of inconsistent snow on a snow specialist. Snow Specialist Symposium. The Wildlife Society and American Fisheries Society Joint Conference, Reno, NV. **\*(Symposium Chair)**
- Cleveland, S.M.** and R. Conover. 2019. Balancing regeneration and ecological processes in a preservationist landscape. The Wildlife Society and American Fisheries Society Joint Conference, Reno, NV. **\*(Invited speaker)**
- Underwood, H.B. and **S.M Cleveland**. Assessing Snowshoe Hare Abundance and Distribution in New York State. 2019. NY DEC Summer Furbearer Team Meeting. Ithaca, NY. **\*(Invited speaker)**
- Cleveland, S.M.** and H.B. Underwood. 2018. Informing young forest management with snowshoe hare track surveys in Upstate New York. Young Forest Initiative Management Team Meeting. Altmar, NY. **\*(Invited speaker)**
- Cleveland, S.M.** and H.B. Underwood. 2018. Assessing Snowshoe Hare and Fisher Distribution and Abundance in the Adirondack Region. NY DEC Winter Furbearer Team Meeting. Minnowbrook, NY. **\*(Invited speaker)**
- Cleveland, S.M.** and H.B. Underwood. 2017. Assessing Snowshoe Hare Distribution and Abundance in the Face of Climate Change. The Wildlife Society's 24<sup>th</sup> Annual Conference, Albuquerque, NM.
- Cleveland, S.M.** and H.B. Underwood. 2017. Using Single Visit Occupancy to Assess Snowshoe Hare Distribution and Abundance. Northeast Association of Fish and Wildlife Agencies Conference, Norfolk, VA.
- Cleveland, S.M.** and H.B. Underwood. 2016. Occupancy and abundance estimation of snowshoe hare populations in the Adirondack Region. NY DEC Winter Furbearer Team Meeting. Rensselaerville, NY. **\*(Invited speaker)**
- Cleveland, S.M.** and H.B. Underwood. 2015. Informing fisher management by estimating prey abundance. NY DEC Summer Furbearer Team Meeting, Ithaca, NY. **\*(Invited speaker)**
- Cleveland, S.M.** 2015. They blinded me with science: going from talking to communicating. Brewerton, NY- The New York Chapter of The Wildlife Society Annual Meeting. Brewerton, NY. **\*(Invited speaker)**
- Cleveland, S.M.**, M. Phillips, C. Smith, L. Hanauska-Brown. 2014. Public trust, multiple use, and



- current policy in wildlife management. Montana Chapter of The Wildlife Society Meeting, Bozeman, MT. ***\*(Invited plenary speaker)***
- Cleveland, S.M.** 2013. Engaging your support structure: how to recruit new energy into leadership roles in The Wildlife Society. Conservation Affairs and Subunit Leadership Workshop. The Wildlife Society 20<sup>th</sup> Annual Conference. Milwaukee, WI. ***\*(Invited speaker)***
- Cleveland, S.M.** and R. Iglay. 2012. Lessons from the Leadership Institute. Conservation Affairs and Subunit Leadership Workshop. The Wildlife Society 19<sup>th</sup> Annual Conference. Portland, OR. ***\*(Invited speaker)***
- Cleveland, S.M.,** M. Hebblewhite, P.R. Krausman, K.R. Foresman, and M.J. Thompson. 2010. Human predation risk and elk behavior in heterogeneous landscapes. Montana Chapter of the Wildlife Society Meeting, Helena, MT.
- Cleveland, S.M.,** M. Hebblewhite, M.J. Thompson, V.L. Edwards, and R. Henderson. 2009. Spatial and behavioral responses of elk to human predation risk: implications for wildland-urban interface elk management. The Wildlife Society 16<sup>th</sup> Annual Conference. Monterey, CA.
- Cleveland, S.M.** and M. Hebblewhite. 2009. Elk behavioral response to varying levels of human predation risk: Implications for wildland-urban interface management. Urban Wildlife Ecology and Management: An International Symposium on Urban Wildlife and the Environment. Amherst, MA.
- Cleveland S.M.,** M. Hebblewhite, M. Thompson, V.L. Edwards, R. Henderson. 2009. Antipredator behavior of elk in the wildland-urban interface: can human hunting be restructured to reduce habituation? Western States and Provinces Deer and Elk Workshop, Spokane, WA.
- Edwards, V.L., **S.M. Cleveland,** and B. Lindler. 2009. A Cooperative Approach to Elk Management in the wildland-urban interface of Missoula, Montana - A dynamic strategy for a growing problem. Montana Chapter of the Wildlife Society Meeting, Kalispell, MT. ***\*(Invited speaker)***
- Cleveland, S.M.,** M.J. Thompson, P.R. Krausman, K.R. Foresman, and M. Hebblewhite. 2008. Behavioral and population implications of human hunting on elk in the wildland-urban interface. Montana Fish, Wildlife & Parks Research and Management Meeting, Gold Creek, MT.
- Cleveland, S.M.,** M.J. Thompson, and M. Hebblewhite. 2008. Habituation, hunting, and recreation: Understanding human influences on elk behavior in the wildland-urban interface. Montana Chapter of the Wildlife Society Annual Meeting, Missoula, MT.

## **MEMBERSHIP**

2019 – Present	The Society for Conservation Biology
2018 – Present	Washington Chapter of The Wildlife Society
2014 – Present	New York Chapter of The Wildlife Society
2014 – Present	Northeast Section of The Wildlife Society
2014	Eastern Association of Intercollegiate Football Officials
2013 – Present	New York State Certified Football Officials-Syracuse Chapter
2010 – 2013	Society for Range Management
2004 – 2012	Montana Officials Association
2000 – Present	The Wildlife Society
2000 – Present	Montana Chapter of The Wildlife Society
2000 – Present	Northwest Section of The Wildlife Society
2000 – 2002	University of Montana Student Chapter of The Wildlife Society

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## **COMMITTEES**

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2019 – Present	<b>Appointee:</b> Washington Department of Fish and Wildlife's- Wildlife Diversity Advisory Council (3-year term 2019-2022)
2019	<b>Co-chair/Scientific Lead:</b> Adaptive Management Advisory Committee for Point Elliot Treaty Tribes and Washington Department of Fish and Wildlife
2016 – 2018	<b>Co-chair:</b> Student Activities, Northeast Section of The Wildlife Society
2013 – 2014	<b>Member:</b> Graduate Student Advisory Committee, ESF Student Chapter of The Wildlife Society
2013 – 2014	<b>Chair:</b> Conservation Affairs Committee, Montana Chapter of The Wildlife Society
2013	<b>Chair:</b> Awards Banquet, Montana Chapter of The Wildlife Society
2012	<b>Chair:</b> Student Poster Presentations – National Meeting, The Wildlife Society
2011 – 2012	<b>Member:</b> Conservation Leaders Summit Planning Committee, The Wildlife Society
2011 – 2014	<b>Member:</b> Position Statement Review Committee, The Wildlife Society
2011	<b>Chair:</b> 50 <sup>th</sup> Anniversary Conference Planning Committee, Montana Chapter of The Wildlife Society

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## **LEADERSHIP**

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2019	<b>Nominee,</b> Northwest Section Representative to The Wildlife Society Council
2015 – 2016	<b>Vice-President,</b> New York Chapter of The Wildlife Society
2013	<b>Past President,</b> Montana Chapter of The Wildlife Society
2012	<b>President,</b> Montana Chapter of The Wildlife Society
2011	<b>President-elect,</b> Montana Chapter of The Wildlife Society
2011	<b>Graduate,</b> Leadership Institute, The Wildlife Society

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## **CERTIFICATIONS**

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Pending	Certified Wildlife Biologist®
2017	Defensive Driving
2011	Wilderness First Aid
2008	Wildlife Chemical Immobilization
2008	Defensive Driving
2007	Aviation Safety
2003	Avalanche Safety
2002	Wilderness First Responder

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**REFERENCES**

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Dr. David Newman  
Interim Provost and Vice President for Academic  
Affairs and Professor  
206 Bray Hall  
1 Forestry Dr.  
Syracuse, New York 13210  
Phone: 315-470-6534  
Email: [dnewman@esf.edu](mailto:dnewman@esf.edu)

Dr. Mark Hebblewhite  
Professor of Ungulate Habitat Ecology  
Wildlife Biology Program  
University of Montana  
32 Campus Drive  
Missoula, MT, 59812  
Phone: 406-243-6675  
Email: [mark.hebblewhite@umontana.edu](mailto:mark.hebblewhite@umontana.edu)

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Wildlife Research Center  
Adjunct Associate Professor SUNY ESF  
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