

2021 SDTWS Annual Meeting

Virtual through ZOOM
February 24-25, 2021

WEDNESDAY, 24 FEBRUARY

1:00 1:10 **Welcome and Introductions**

1:10 1:30 **Central Mountains and Plains Section Updates** – Shelly Deisch, President, Central Mountain and Plains Section

Special Session: *The Effects of a Pandemic on Research and Management*

1:30 1:50 **COVID Impacts on License Sales** Heather Villa SDGFP

1:50 2:10 **COVID Impacts on State Park Usage** Scott Simpson SDGFP

2:10 2:30 **South Dakota Habitat Stamp: Reinvesting in habitat and public access for hunting and fishing.** Paul Coughlin SDGFP

2:30 2:50 **Aerial and ground-based delivery of plague protecting baits to advance black-footed ferret recovery.** Kristy Bly, World Wildlife Fund and Randy Matchett USFWS

2:50 3:10 **COVID impacts on black footed ferret research** Travis Livieri Prairie Wildlife Research

3:10 3:20 **BREAK**

3:20 3:40 **Citizen Science: Help Accelerate Scientific Research From Home**
Darlene Cavalier Professor of Practice, School for the Future of
Innovation in Society, Arizona State University

3:40 4:00 **Using Citizen Science to Monitor for Amphibian Disease Outbreaks
Across South Dakota** – Danielle Galvin* and Jacob Kerby USD PhD
Research

4:00 4:20 **National Conservation Training Center** Richard B. Minnis USFWS

4:20 4:40 **Evaluating Avian Use of Cover Crops in the Corn Belt** Megan Figura
SDSU MS Research

4:40 5:00 **Closing remarks and announcements**

THURSDAY, 25 FEBRUARY

09:00 12:00 **Annual Chapter Business Meeting**

11:00 11:30 **Presentation of MS Student, PhD Student, Citizen, and Professional
of the Year Awards**

Special Session: *Technological Innovations in Research and Management*

1:00 1:20 **What can we learn from wildlife sightings during the COVID-19
global shutdown?** Amanda J. Zellmer Occidental College, CA

1:20 1:40 **Use of small unmanned aerial systems for sharp-tailed grouse lek
surveys** Benjamin Geaumont NDSU Hettinger Research Extension
Center

1:40 2:00 **Monitoring Red-bellied Snakes and Prairie Skinks at the SDSU Oak
Lake Field Station.** Dr. Bruce Eichhorst. SDSU

2:00 2:20 **Bringing Wildlife Big-Data to the Masses** Roland Kays NC State
University

2:20 2:40 **Assessing feasibility of using unmanned aircraft systems (UAS) and
deep learning computing techniques for waterfowl and wetland
habitat monitoring** Reid Viegut MS Student University of Missouri

2:40 2:50 **BREAK**

2:50 3:10 **Delta Waterfowl** Chris Nicolai Delta Waterfowl

3:10 3:30 **“A 2-tiered duck regulation experiment: Can a simplified regulation option increase recruitment, retention, and reactivation of duck hunters in South Dakota and Nebraska?”** Rocco Murano SDGFP

3:30 3:50 **A Predator-Prey Interaction Between a Threatened Turtle Species and an Invasive Bivalve** – Anna Kase*, Vanessa Weigel and Jacob Kerby. USD PHD Research

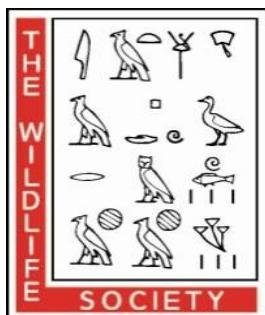
3:50 4:10 **Preliminary Results from a Survey of Western Painted Turtles in Marshall Co., SD Suggest Trapping Method Bias and a Skewed Sex Ratio** –Amy Dolan*, Heather Waye, and Terrina Barnes

4:10 4:30 **Research in Progress: Population genetic structure of bobcats in South Dakota using harvested samples to inform management.** – Stuart Fetherston*, Lisette Waits, Jennifer Adams, Chad Lehman and Robert Lonsinger. SDSU MS Graduate Research

4:30 4:50 **World’s Most Popular Insecticide Rapidly Accumulates in Brain and Delays Reaction Time** – Kaitlyn Campbell* and Jacob Kerby. USD PHD Research

4:50 5:00 **Closing Remarks and Awards for Best Student Presentation and Best Open Presentation**

THE WILDLIFE SOCIETY

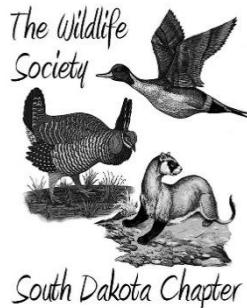


Founded in 1937 as The Society of Wildlife Specialists, [The Wildlife Society](#) has evolved into an international nonprofit organization of professional wildlife ecologists and managers. Members number over 10,000 from 40 different countries, and include administrators, biologists, conservation officers, educators, managers and researchers.

The objectives of TWS are to:

1. Promote sound stewardship of wildlife resources and the environments upon which wildlife and humans depend;
2. Undertake an active role in preventing human-induced environmental degradation;
3. Increase awareness and appreciation of wildlife values; and
4. To seek the highest standards in all activities of the wildlife profession.

SOUTH DAKOTA CHAPTER OF THE WILDLIFE SOCIETY



The South Dakota Chapter of TWS (SDTWS) was initiated on February 19, 1966 with 56 charter members. SDTWS is affiliated with the Central Mountains and Plains Section, one of eight subdivisions of TWS. The full membership of SDTWS meets annually in the spring to exchange scientific information through presented papers, debate current issues in wildlife management and land use, and conduct chapter business. The chapter's Executive Board of Directors, consisting of President, Past-President, President-Elect, Secretary-Treasurer, and two standing board members meet at least 4 times each year to discuss issues that do not require full chapter approval. The chapter also communicates with its members through a newsletter, *The Prairie Voice*, published within 30 days of Executive Board meetings. SDTWS has a current membership of 171 people interested in the welfare of South Dakota wildlife.