

Curriculum Vitae

CHAD J. BISHOP

chad.bishop@umontana.edu

University of Montana
32 Campus Drive, FOR 312
Missoula, Montana 59812
O. (406) 243-4374
C. (970) 237-1769

OBJECTIVE

To have a positive and enduring impact on wildlife conservation by empowering others and creatively applying skills developed through educational and professional experiences as a wildlife scientist and administrator.

EDUCATION

Doctor of Philosophy Degree in Wildlife Biology, 2007

Colorado State University (Fort Collins) GPA: 4.00 (4.00 scale)

Dissertation: Effect of enhanced nutrition during winter on the Uncompahgre Plateau mule deer population.

Coursework emphasis: Wildlife ecology, mathematical statistics, population analysis, and ruminant nutrition.

Master of Science Degree in Wildlife Resources, 1998

University of Idaho (Moscow) GPA: 4.00 (4.00 scale)

Thesis: Mule deer fawn mortality and habitat use, and the nutritional quality of bitterbrush and cheatgrass in southwest Idaho.

Coursework emphasis: Wildlife ecology, statistics, and population analysis.

Bachelor of Science Degree in Biology - Fish and Wildlife Emphasis (Highest Honors), 1995

Montana State University (Bozeman) GPA: 3.92 (4.00 scale)

High School Diploma, 1991

Top of class (1/188)

Indianola High School (Indianola, Iowa)

GPA: 3.98 (4.00 scale)

EMPLOYMENT EXPERIENCE

Director and Associate Professor, Wildlife Biology Program, University of Montana (UM), August 2015 – Present

Purpose of the Position:

Administer the Wildlife Biology Program at UM, which is an interdisciplinary program comprising faculty from the College of Forestry and Conservation (CFC), College of Humanities and Sciences (CHS) – Division of Biological Sciences (DBS), and the Montana Cooperative Wildlife Research Unit.

Job Responsibilities:

- Broadly represent Wildlife Biology in meetings and interactions with the Dean of CFC, Associate Dean of CHS, and the UM Administration.
- Serve on the CFC Leadership Team, comprising the Dean, Associate Dean, Department Chairs, and Wildlife Biology Director.
- Serve the interests of 20 active faculty members, 50 graduate students, and 340 undergraduate students.
- Supervise 2 staff members, including an administrative associate and academic advisor.
- Oversee graduate and undergraduate programs in wildlife biology.
- Manage and implement changes to the wildlife biology curriculum.
- Serve on multiple College- and Program-level undergraduate and graduate committees.
- Represent UM's Wildlife Biology Program in meetings and interactions with numerous state and federal agencies, non-governmental organizations, and various other partners.
- Interface regularly with members of the Boone and Crockett Club, which supports an endowed Chair of Wildlife Conservation at UM within the Wildlife Biology Program.
- Interact with donors and help raise funds (in coordination with the UM Foundation) to support student travel and scholarship, faculty, and program development.
- Recruit and retain students; routinely meet with prospective students.
- Liaison with Wildlife Biology alumni.
- Teach Senior Wildlife Seminar (WILD 494) and Careers in Natural Resources (NRSM 180).
- Mentor undergraduate students and provide oversight for internships and senior thesis projects.
- Support and conduct research through fund-raising and writing grants, serving on graduate committees, and collaborating with UM faculty and other peer scientists on research projects.

Assistant Director, Wildlife and Natural Resources, Colorado Parks and Wildlife (CPW), October 2012 – June 2015

Purpose of the Position:

Manage the Wildlife and Natural Resources Branch of Colorado Parks and Wildlife, which comprises Aquatic, Hatchery, Terrestrial, Real Estate and Water Sections. Serve on

Director's staff and the CPW Leadership Team and provide recommendations to the Director that broadly pertain to fish, wildlife, habitat, and other natural resource management (e.g., rare plant conservation, paleontological and cultural resource protection).

Job Responsibilities:

- Directly supervised 4 section managers and an administrative assistant, and oversaw 208-225 full-time professional employees and hundreds of temporary employees and volunteers. Roughly half of full-time employees possessed advanced degrees in biology (MS, PhD) or law (JD).
 - Responsible for human resource management of employees within the Branch, including decisions pertaining to hiring, salaries, promotions, discipline, and termination.
 - Led the Branch through implementation of a merger which combined Colorado's Parks and Wildlife agencies.
- Oversaw a \$25 million base annual budget to support operations and personnel within the Wildlife and Natural Resources Branch of CPW. Additionally, oversaw and implemented 4 statewide programs with earmarked fund sources: Colorado Wildlife Habitat Protection Program (\$10-12 M/yr), Aquatic Nuisance Species Program (\$5 M/yr), Wetlands Program (\$0.7-1.3 M/yr), and Colorado Natural Areas Program (\$350 K/yr).
 - Led the Branch through a mandated multi-million dollar budget reduction (in response to increasing costs and declining revenues) requiring identification of strategic cuts which minimized impacts to employees and programs and maintained the Branch's overall effectiveness
- Broadly responsible for:
 - Fish and wildlife population monitoring, harvest recommendations, conservation of non-game and declining native species, hatchery production of sportfish and native aquatic species, development of fish and wildlife regulations, and preventing establishment or spread of aquatic nuisance species.
 - Providing the Director and CPW Commission with scientifically-defensible fish and wildlife population data to inform a host of conservation and management actions.
 - Developing and implementing management plans for hunted and fished species and species of special concern (declining, threatened, endangered).
 - Monitoring and protection of natural resources on State Parks, including sensitive wildlife species, rare plants, and paleontological and cultural resources.
 - Acquiring and protecting land through fee title purchase, perpetual conservation easements, and leases to protect habitat for fish and wildlife and to provide access opportunities for outdoor recreationists.
 - Acquiring and managing water rights, and monitoring water quality, to support fish, wildlife and recreation.

- Represented CPW at various regional and national meetings, including the Association of Fish and Wildlife Agencies (AFWA) annual meeting, the Western Association of Fish and Wildlife Agencies (WAFWA) summer and winter meetings, and the North American Wildlife and Natural Resources Conference.
- Attended all CPW Commission Meetings and presented or represented any number of issues pertaining to fish, wildlife, habitat, and natural resource science and management.
- Represented CPW in meetings with federal agencies, universities, NGOs, local governments, legislators, Congressmen, and diverse publics.
- Represented the Director of CPW on Boards and Councils as assigned and in various meetings or engagements when the Director was unavailable.
- Served as the liaison to the Colorado Wildlife Heritage Foundation, which exists as the fund-raising entity for CPW.

Terrestrial Section Manager (Acting), Colorado Parks and Wildlife (CPW), April 2012 – October 2012

Purpose of the Position:

Oversee all aspects of the Terrestrial Section, with an emphasis on leading staff and directing various programs to promote responsible management and conservation of Colorado's wildlife species and their habitats.

Job Responsibilities:

- Directly supervised 15 professional employees, and oversaw 65 full-time professional employees and numerous temporary employees and volunteers. A majority of full-time employees had advanced degrees in wildlife biology.
- Oversaw \$10 Million annual budget to support Section employees and operations.
- Oversaw and implemented:
 - Population and harvest monitoring of Colorado's hunted species to support harvest decisions and inform various management actions.
 - Population monitoring of sensitive, threatened, and endangered species and helped identify and implement conservation actions to protect habitat and increase population growth.
 - Statewide habitat conservation programs designed to increase quality of habitat for wildlife.
 - Resource stewardship efforts on State Parks to enhance plant, wildlife, and natural resource conservation and to help inform Park management actions.
- Communicated and collaborated extensively with staff across other CPW organizational units and with diverse publics to facilitate effective decision-making and development and implementation of management actions.
- Developed and reviewed fish and wildlife regulations.
- Represented the Terrestrial Section at CPW Commission meetings, ensuring that all necessary work products of the Terrestrial Section were effectively presented as requested by CPW's leadership.

- Represented the Terrestrial Section and CPW in various interactions and meetings with other federal and state natural resource agencies and a host of external constituents.

Mammals Research Leader, Colorado Division of Wildlife (CDOW), August 2009 – April 2012

Purpose of the Position:

Oversee all aspects of the Mammals Research Program, with an emphasis on leading staff and directing research to address the agency's highest-priority management and conservation needs.

Job Responsibilities:

- Supervised 8 full-time employees: 6 professional wildlife researchers (PhD level), librarian, and program assistant. Supported 5-7 graduate students in collaboration with universities and >30 temporary wildlife technicians annually.
- Secured and oversaw an annual operating budget of \$1.6–2 million to support research. Budget consisted of Federal Aid grants (i.e., Pittman-Robertson), hunting license revenues, and external grants from various NGOs, private companies, and governmental entities (federal, local).
- Oversaw research and collaborative partnerships on 18 projects addressing ecology and management of cougar, black bear, mule deer, elk, lynx, snowshoe hare, and wolverine. Research topics included energy development impacts and associated mitigation; habitat, population, and harvest management; human-wildlife conflict; development of non-invasive population monitoring strategies; technique development; and crop depredation.
- Collaborated with ungulate researchers by serving as a co-investigator on research projects.
- Maintained professional working relationships and collaborated with faculty at Colorado State University and scientists from numerous other agencies, universities, and organizations.
- Collaborated with energy industry, BLM, and CDOW staff to implement large-scale habitat enhancement treatments (i.e., mitigation) in pinyon-juniper habitat as part of a management experiment evaluating strategies to offset impacts of energy development.
- Responsible for preparing and/or approving numerous purchase orders and contracts for procurement of goods and services.
- Oversaw a research library that serves all employees in the agency. Directed implementation of a web-based library system to facilitate literature searches and broad access to electronic documents (e.g., comprehensive research databases, full text access to more than 100 scientific journals, CDOW technical publications, Federal Aid reports, theses and dissertations).
- Served the agency as a technical expert on mammal-related management and conservation issues, particularly those related to ungulate management.
- Regularly authored and/or reviewed study plans, annual research reports, technical publications, and journal publications pertaining to research on mammals in

Colorado. Routinely conducted peer reviews of manuscript submissions for 12 different scientific journals.

- Frequently presented research findings to CDOW staff and leadership, and regularly gave research presentations at statewide, regional, and international professional conferences. Regularly gave lectures or seminars at Colorado State University.

Wildlife Researcher, Colorado Division of Wildlife (CDOW), October 1999 – August 2009

Purpose of the Position:

To conduct experimental research and provide expertise on various aspects of mule deer ecology and management, and evaluate ungulate management programs and policies in Colorado.

Job Responsibilities:

- Completed an experimental study evaluating the effects of enhanced nutrition of free-ranging mule deer on fetal survival, neonatal and overwinter fawn survival, and population rate of change.
- Modified and evaluated vaginal implant transmitters in mule deer.
- Developed an approach for addressing sibling/brood dependence in survival analyses.
- Evaluated techniques for estimating body fat in mule deer.
- Developed expertise using ultrasound to measure mule deer fat and muscle layers and to count fetuses in utero.
- Captured and radio-collared roughly 1000 deer to meet research objectives. Extensive experience aging deer based on tooth replacement/wear and collecting blood samples from deer.
- Served as project leader and coordinated all aspects of research projects.
- Hired and supervised dozens of research technicians.
- Planned, coordinated, and supervised all aspects of field work, often on a continual basis (i.e., 7 days a week year-round).
- Conducted field work in all types of weather and field conditions, flew in fixed wings and helicopters, and operated 4wd trucks, ATVs, and snowmobiles in mud and snow.
- Extensive use of Microsoft Office software, SAS, ArcGIS, Program MARK, and various other software packages.
- Secured permissions from 52 landowners and homeowner associations on the southern Uncompahgre Plateau (2002-2004), and from 17 energy companies and landowners on the Roan Plateau (2009), for daily access of field crews on private lands to locate neonatal fawns, thereby minimizing sample bias.
- Prepared budgets, contracts, and numerous purchase orders for procurement of goods and services.
- Oversaw spending of annual budgets ranging up to \$400,000.
- Conducted comprehensive data analyses, wrote annual reports, presented findings to numerous internal and external publics, and published findings in peer-reviewed journals.

- Collaborated with Colorado State University (CSU) faculty in the Fishery and Wildlife Biology Department, presented at CSU short courses and seminars, and helped instruct multiple week-long mark-recapture workshops focused on Program MARK.
- Collaborated with peer researchers evaluating effects of habitat treatments in pinyon-juniper; treatments were intended to enhance mule deer survival by increasing the quantity of higher-quality forage.
- Routinely provided comments on various deer management issues and programs at statewide and local scales.
- Analyzed statewide deer population data.
- Developed an automated collaring device for mule deer.

Notable agency experience beyond primary job responsibilities as an employee of CDOW/CPW:

- Served as Co-Chair of the Biologists/Scientists Work Group for developing a Plan to merge Colorado's Parks and Wildlife agencies, 2011-2012
 - Selected by leadership of Colorado Department of Natural Resources (DNR) and CDOW to represent ~250 biologists, scientists, and hatchery personnel.
 - Work Group was responsible for developing structural and functional recommendations for merging biological functions of State Parks and Division of Wildlife; other work groups existed to guide the merging of other agency functions.
- Habitat Partnership Program, State Council Technical Representative, 2008-2012
 - HPP was created by the Colorado Legislature as a proactive approach to resolve conflicts with landowners involving game damage; the program evolved into a community-based, collaborative habitat conservation program.
 - HPP comprises one State Council to oversee the program and 18 local committees to implement the program in communities across Colorado.
- Selected to serve on employee interview panel for Director hiring, 2007 and 2011
- Animal Care and Use Committee, 2007 – 2009
- Habitat Evaluation Committee, 2008
 - One of seven CDOW employees selected to serve on a committee charged with considering structural and functional changes within CDOW to enhance habitat management.
 - Resulted in Director's decision to merge existing Wildlife Conservation and Terrestrial Sections and redirect 5 supervisory FTE to create a focused Habitat Conservation Program
- Colorado House Bill 1298 Rules, Oil and Gas Development, 2008
 - Helped identify critical mule deer winter range, wrote testimony pertaining to deer and elk rules, and reviewed industry testimony.
- Library Committee Chair, 2006–07
 - Led committee charged with evaluating the present and future roles of the CDOW Library, prompting transition to an intranet-based digital library.
- Selected by agency leadership to help develop the CDOW 2001–2007 Strategic Plan.

Wildlife Technician or Bio-Aide, Idaho Department of Fish and Game, May to August, 1993–1995; September 1998 to October 1999

LEADERSHIP TRAINING AND EXPERIENCE

Training:

- *National Conservation Leadership Institute (NCLI), 2014-2015*
 - Selected as one of 36 Fellows nationally to be part of NCLI Cohort 9.
- *Myers-Briggs Steps I and II and Thomas-Kilmann Conflict Response, January 27, 2012*
- *Change is Inevitable, sponsored by the State of Colorado, November 3, 2011*
- *Managing Remote Employees, Mountain States Employers Council, Inc., September 27, 2011*
- *Visionary Leadership, Online Course, Summer 2011 (Sponsored by AFWA)*
 - Course Goal: Learn how to use visioning as a leadership tool and to develop vision statements.
- *Coaching, Counseling, and Mentoring Skills for Leaders, sponsored by the State of Colorado, June 23, 2011*
- *Crucial Conversations, sponsored by Colorado Division of Wildlife, June 14-15, 2011*
- *Power, Online Course, Spring 2011 (Sponsored by AFWA)*
 - Course Goal: Learn how to leverage power and influence to improve both personal and agency/team performance.
- *Leader as Supervisor, Online Course, Fall 2010 (Sponsored by AFWA)*
 - Course Goal: Learn how to effectively lead as a manager/supervisor.
- *Leadership Development Training, Colorado Division of Wildlife, August 3-4, 2010*
 - Course included 360 degree evaluation, Leadership Practices Inventory, and Effective Listening Training.
- *Objective Pre-Employment Interviewing by Stanley Slowik, sponsored by the Colorado Division of Wildlife, January 21–22, 2009*
 - Course taught various techniques for effectively interviewing job applicants.
- *The Adaptive Leader, Online Course, Summer 2008 (Sponsored by AFWA)*
 - Course Goal: Learn how to lead when there are no easy answers.
- *First Line Supervisory Training, Colorado Division of Wildlife, January 29–31, 2008*
- *Management Development Course, Colorado Division of Wildlife, 2004*
 - Course comprised monthly trainings and conference calls for 6 months.
- *Sigma Alpha Epsilon's National Leadership School, Evanston, IL, 1995*

Applied Experience:

- President-Elect, National Association of University Fish and Wildlife Programs, 2016-present
- Directly supervised 53 different permanent or temporary employees, and managed hundreds of employees, in various capacities with Colorado Division of Wildlife/Colorado Parks and Wildlife, 1999-2015

- Vice-chair, Science and Research Committee, Association of Fish and Wildlife Agencies, 2014-2015
- Chair, Wildlife Health Committee, Western Association of Fish and Wildlife Agencies, 2013-2015
- Co-Chair, Biologists and Scientists Workgroup, Colorado Parks and Wildlife Agency Merger, 2011-2012
- President, Colorado Chapter of The Wildlife Society, 2004
- President, Sigma Alpha Epsilon Fraternity, Montana State University, 1995
- President, Order of Omega (Greek Honor Society), Montana State University, 1995
- Board of Directors, Montana State University Bookstore, 1994-95

PROFESSIONAL ACTIVITIES/CERTIFICATIONS

- Certified Wildlife Biologist, The Wildlife Society, 2005–Present (Renewed Certification in 2010)
- Peer Reviewer for Journal of Wildlife Management, Wildlife Monographs, Wildlife Society Bulletin, Canadian Journal of Zoology, Journal of Rangeland Ecology and Management, Journal of Mammalogy, Journal of Wildlife Diseases, Basic and Applied Ecology, Population Ecology, Journal of Arid Environments, Western North American Naturalist, Acta Theriologica
- National Association of University Fish and Wildlife Programs, 2016 – present.
- National Cooperators Coalition Steering Committee, 2015 – present.
 - Assist the steering committee in securing support for the USGS Cooperative Fish and Wildlife Research Units.
- Western Association of Fish and Wildlife Agencies (WAFWA) Lesser Prairie Chicken Initiative (LPCI) Council, 2013-2015
 - The LPCI Council comprises the state wildlife agency Directors (or their designees) from the 5 states within occupied range of the LPC, and one Director representing WAFWA (Idaho Fish and Game Director during this time period).
 - The LPCI Council is charged with implementing the LPC Rangewide Conservation Plan, directing an Interstate Working Group of professional staff, and overseeing 3 committees: Advisory, Science, and Fee Structure.
 - The LPCI Council works closely with the US Fish and Wildlife Service and USDA Natural Resource Conservation Service in implementing the Rangewide Plan.
 - The LPCI transformed WAFWA from a small business operation to a multi-million dollar conservation entity. During this time, WAFWA brought in >\$40 M from industrial corporations as impact fees for implementing lesser prairie-chicken habitat conservation at a 2:1 offset/impact ratio (offsets occur prior to impacts).
- Member of the Association of Fish and Wildlife Agencies (AFWA) Controlled Substances Task Force, 2013-2015
 - Task Force charged with amending the Controlled Substances Act to accommodate use of controlled substances in wildlife research and management, and developing a set of national Best Management Practices for storing, handling, and transporting controlled substances.

- Member of the White-nose Syndrome Executive Committee, 2013-2015
 - Committee representative for western state and provincial wildlife agencies
- Member of multiple AFWA and WAFWA Committees, 2012-2015
 - WAFWA Wildlife Health Committee – Chair
 - AFWA Science and Research Committee – Vice-Chair
 - AFWA Threatened and Endangered Species Policy Committee – Member
 - AFWA Fish and Wildlife Health Committee – Member
- Editorial Advisory Board for The Wildlife Professional (The Wildlife Society), 2008–2012
- The Wildlife Society
 - Member at all levels since 1996
 - Jim McDonough Award Committee Member, TWS, 2001
 - Executive Board member, Colorado Chapter, 2001–2005 (President in 2004)
 - Organized three annual meetings and two workshops, Colorado Chapter, 2001–2009
 - Student Awards/Scholarships Chair, Colorado Chapter, 2005–2012
 - Board Member and Membership Chair, Biometrics Working Group, TWS, 2009–2010
- Member of Rocky Mountain Elk Foundation, Mule Deer Foundation, Backcountry Hunters and Anglers, Ducks Unlimited, National Wild Turkey Federation, Pheasants Forever, and Trout Unlimited. Helped fund-raise and organize 5 RMEF Banquets as a Montrose Chapter Committee Member, 2000–2004.
- O.C. Wallmo Award Committee (Mule Deer Working Group, WAFWA)
 - Chairman, 2003 – 2005
 - Member, 2000 – 2001

PUBLICATIONS

Bishop, C. J., and M. W. Hubbard. In review. The role of field research in state wildlife management. *In* T. J. Ryder, editor. State Wildlife Management and Conservation. The Wildlife Society scientific book series, John Hopkins University Press, Baltimore, MD.

Bergman, E. J., C. R. Anderson, Jr., C. J. Bishop, A. A. Holland, and J. M. Northrup. In review. Dissecting sources of variation in herbivore body condition: individual variation versus the effects of time. PLoS ONE.

Searle, K. R., M. B. Rice, C. R. Anderson, C. Bishop, and N. T. Hobbs. 2015. Asynchronous vegetation phenology enhances winter body condition of a large mobile herbivore. *Oecologia* 179:377–391.

Anderson, C. R., Jr., and C. J. Bishop. 2014. Migration patterns of adult female mule deer in response to energy development. *Transactions of the North American Wildlife and Natural Resources Conference* 79:47–50.

- Bergman, E. J., P. F. Doherty, Jr., C. J. Bishop, L. L. Wolfe, and B. A. Banulis. 2014. Herbivore body condition response in altered environments: mule deer and habitat management. *PLoS ONE* 9:e106374.
- Bergman, E. J., C. J. Bishop, D. J. Freddy, G. C. White, and P. F. Doherty, Jr. 2014. Habitat management influences overwinter survival of mule deer fawns in Colorado. *Journal of Wildlife Management* 78:448–455.
- Brodie, J., H. Johnson, M. Mitchell, P. Zager, K. Proffitt, M. Hebblewhite, M. Kauffman, B. Johnson, J. Bissonette, C. Bishop, J. Gude, J. Herbert, K. Hersey, M. Hurley, P. M. Lukacs, S. McCorquodale, E. McIntire, J. Nowak, H. Sawyer, D. Smith, and P. J. White. 2013. Relative influence of human harvest, carnivores, and weather on adult female elk survival across western North America. *Journal of Applied Ecology* 50:295–305.
- Bishop, C. J., C. R. Anderson, Jr., D. P. Walsh, E. J. Bergman, P. Kuechle, and J. Roth. 2011. Effectiveness of a redesigned vaginal implant transmitter in mule deer. *Journal of Wildlife Management* 75:1797–1806.
- Bergman, E. J., B. E. Watkins, C. J. Bishop, P. M. Lukacs, and M. Lloyd. 2011. Biological and socio-economic effects of statewide limitation of deer licenses in Colorado. *Journal of Wildlife Management* 75:1443–1452.
- White, G. C., and C. J. Bishop. 2010. A bountiful harvest for science: how conservation science benefits from studying game species. *The Wildlife Professional* (Fall 2010):42–46.
- Dulberger, J., N. T. Hobbs, H. M. Swanson, C. J. Bishop, and M. W. Miller. 2010. Estimating chronic wasting disease effects on mule deer recruitment and population growth. *Journal of Wildlife Diseases* 46:1086–1095.
- Bishop, C. J., G. C. White, D. J. Freddy, B. E. Watkins, and T. R. Stephenson. 2009. Effect of enhanced nutrition on mule deer population rate of change. *Wildlife Monographs* 172:1–28.
- Bishop, C. J., B. E. Watkins, L. L. Wolfe, D. J. Freddy, and G. C. White. 2009. Evaluating mule deer body condition using serum thyroid hormone concentrations. *Journal of Wildlife Management* 73:462–467.
- Bishop, C. J., G. C. White, and P. M. Lukacs. 2008. Evaluating dependence among mule deer siblings in fetal and neonatal survival analyses. *Journal of Wildlife Management* 72:1085–1093.
- Watkins, B. E., C. J. Bishop, E. J. Bergman, A. Bronson, B. Hale, B. F. Wakeling, L. H. Carpenter, and D. W. Lutz. 2007. Habitat guidelines for mule deer: Colorado Plateau shrubland and forest ecoregion. Mule Deer Working Group, Western Association of Fish and Wildlife Agencies.

- Schultheiss, P. C., H. Van Campen, T. R. Spraker, C. J. Bishop, L. L. Wolfe, and B. Podell. 2007. Malignant catarrhal fever associated with ovine herpesvirus-2 in free-ranging mule deer in Colorado. *Journal of Wildlife Diseases* 43:533–537.
- Bishop, C. J., D. J. Freddy, G. C. White, B. E. Watkins, T. R. Stephenson, and L. L. Wolfe. 2007. Using vaginal implant transmitters to aid in capture of mule deer neonates. *Journal of Wildlife Management* 71:945–954.
- Bishop, C. J., J. W. Unsworth, and E. O. Garton. 2005. Mule deer survival among adjacent populations in southwest Idaho. *Journal of Wildlife Management* 69:311–321.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2005. Effect of limited antlered harvest on mule deer sex and age ratios. *Wildlife Society Bulletin* 33:662–668.
- Gill, R. B., T. D. I. Beck, C. J. Bishop, D. J. Freddy, N. T. Hobbs, R. H. Kahn, M. W. Miller, T. M. Pojar, and G. C. White. 2001. Declining mule deer populations in Colorado: reasons and responses. Colorado Division of Wildlife Special Report Number 77, Denver, Colorado, USA.
- Bishop, C. J., E. O. Garton, and J. W. Unsworth. 2001. Bitterbrush and cheatgrass quality on 3 southwest Idaho winter ranges. *Journal of Range Management* 54:595–602.

PRESENTATIONS

Administrative and Plenary Presentations:

- Bishop, C. J. 2015. Colorado Parks and Wildlife leadership perspective. Colorado Sage Steppe Conservation Private Lands Practitioners Meeting, February 3, Grand Junction, CO.
- Bishop, C. J., R. Velarde, and J. Kennedy. 2014. Presentation of the Final Colorado West Slope Mule Deer Strategy. Colorado Parks and Wildlife Commission Meeting, November 14, Burlington, CO.
- Bishop, C. J. (for CO Parks and Wildlife Director B. Broscheid). 2014. The importance of hunting, angling, and shooting sports to Colorado's economy. Hunting Works for Colorado Annual Meeting, October 31, Denver, CO.
- Bishop, C. J. 2014. Amending the Controlled Substances Act to accommodate the use of controlled substances in wildlife management and research. Meeting of the American Veterinary Medical Association's Committee on Environmental Issues, October 2, Fort Collins, CO.

- Bishop, C. J., R. Velarde, and J. Kennedy. 2014. Presentation of the Draft Colorado West Slope Mule Deer Strategy. Colorado Parks and Wildlife Commission Meeting, September 11, Glenwood Springs, CO.
- Bishop, C. J. (for CO Parks and Wildlife Director B. Broscheid). 2014. Working with landowners to conserve imperiled species on private lands in light of recent proposals to list species under the Endangered Species Act. Congress for Wildlife and Livelihoods on Private and Communal Lands: Livestock, Tourism and Spirit, September 8, Estes Park, CO.
- Bishop, C. J. (for CO Parks and Wildlife Director B. Broscheid). 2014. Recovery of the black-footed ferret in Colorado. Ceremonial Release of Black-footed Ferrets at Larimer County's Soapstone Natural Area in Northern Colorado, September 3, Wellington, CO
- Bishop, C. J., R. Velarde, and J. Kennedy. 2014. Development of a western Colorado mule deer management strategy through stakeholder engagement. Colorado Statewide Mule Deer Summit, August 9, Glenwood Springs, CO.
- Bishop, C. J., and M. Lucia. 2014. Colorado Wildlife Habitat Protection Program: funding update and recommendations for 2013 Tier 2 projects. Colorado Parks and Wildlife Commission Meeting, July 10, Meeker, CO.
- Bishop, C. J., R. Velarde, and J. Kennedy. 2014. Update on western Colorado mule deer management strategy. Colorado Parks and Wildlife Commission Meeting, June 5, Alamosa, CO.
- Bishop, C. J. 2014. Welcome and introductory remarks. 19th Biennial Symposium of the Northern Wild Sheep and Goat Council, June 3, Fort Collins, CO.
- Bishop, C. J., R. Velarde, and J. Kennedy. 2014. Update on western Colorado mule deer management strategy. Colorado Parks and Wildlife Commission Meeting, April 11, Salida, CO.
- Bishop, C. J. 2014. Tackling declining mule deer populations in Colorado. Backcountry Hunters and Anglers National Rendezvous, March 22, Denver, CO.
- Bishop, C. J. 2014. Update on the lesser prairie-chicken range-wide plan and Federal listing process. Colorado Parks and Wildlife Commission Meeting, March 7, Denver, CO.
- Bishop, C. J., and R. Velarde. 2014. Developing a western Colorado mule deer management strategy through stakeholder engagement. Colorado Parks and Wildlife Commission Meeting, March 7, Denver, CO.
- Bishop, C. J. 2014. Identifying priorities for the 2014 Colorado Wildlife Habitat Protection Program. Colorado Parks and Wildlife Commission Meeting, March 6, Denver, CO.

- Bishop, C. J. (for CO Parks and Wildlife Director B. Broscheid). 2014. Introductory remarks. Colorado Chapter of The Wildlife Society Annual Meeting, February 6, Fort Collins, CO.
- Bishop, C. J. 2013. Colorado Wildlife Habitat Protection Program: 2013 project funding recommendations. Great Outdoors Colorado Board Meeting, December 10, Denver, CO.
- Bishop, C. J. 2013. Colorado Wildlife Habitat Protection Program: 2013 project funding recommendations. Colorado Parks and Wildlife Commission Meeting, November 14, Lamar, CO.
- Bishop, C. J. 2013. Addendum to Colorado's bighorn sheep management plan. Colorado Parks and Wildlife Commission Meeting, November 14, Lamar, CO.
- Bishop, C. J. 2013. Updating oil and gas development rules pertaining to wildlife species distributions and industry consultation requirements. Colorado Oil and Gas Conservation Commission Rulemaking Hearing, September 17, Denver, CO.
- Bishop, C. J. 2013. Proposed disposition of the Boyd Ponds State Wildlife Area. Colorado Parks and Wildlife Commission Meeting, September 13, Trinidad, CO.
- Bishop, C. J. 2013. Budget reduction alternatives for wildlife, fisheries, water, and real estate to achieve a balanced budget. Colorado Parks and Wildlife Commission Meeting, September 12, Trinidad, CO.
- Bishop, C. J. 2013. Colorado Wildlife Habitat Protection Program - summary of 2013 habitat protection proposals. Colorado Parks and Wildlife Commission Meeting, August 8, Trinidad, CO.
- Bishop, C. J. 2013. Updating wildlife species distribution maps to inform oil and gas development consultations between industry and Colorado Parks and Wildlife. Colorado Oil and Gas Conservation Commission Public Meeting, July 31, Denver, CO.
- Bishop, C. J., and R. Velarde. 2013. Deer management update: engaging stakeholders to address declining deer herds. Colorado Parks and Wildlife Commission Meeting, May 9, Grand Junction, CO.
- Bishop, C. J. 2013. Colorado Wildlife Habitat Protection Program: 2012 project funding recommendations. Great Outdoors Colorado Board Meeting, March 12, Denver, CO.
- Bishop, C. J. 2013. Colorado Parks and Wildlife wetlands conservation initiatives. Colorado Ducks Unlimited State Convention, February 23, Denver, CO.

Bishop, C. J., and T. Balzer. 2013. Creating a comprehensive habitat project database. Colorado Parks and Wildlife Statewide Habitat Conference: Landscape Habitat Management with Wildlife in Mind, January 17, Grand Junction, CO.

Bishop, C. J. (for CO Parks and Wildlife Director R. Cables). 2013. Orientation and philosophy of Colorado Parks and Wildlife to habitat issues and opportunities. Colorado Parks and Wildlife Statewide Habitat Conference: Landscape Habitat Management with Wildlife in Mind, January 16, Grand Junction, CO.

Bishop, C. J., and R. Velarde. 2013. Deer management: engaging stakeholders to address declining deer herds. Colorado Parks and Wildlife Commission Meeting, January 10, Denver, CO.

Bishop, C. J. (for CO Parks and Wildlife Director R. Cables). 2012. Colorado Parks and Wildlife's commitment to habitat restoration and enhancement. Opening Ceremony of Colorado Parks and Wildlife's Native Seed Warehouse, December 20, Delta, CO.

Bishop, C. J. 2012. Population/herd management plans for: black bear – Grand Mesa, bighorn sheep – Mount Zirkel, deer – Boulder Creek, pronghorn – Kiowa. Colorado Parks and Wildlife Commission Meeting, November 9, Yuma, CO.

Bishop, C. J., and B. Kurznel. 2011. Colorado Parks-Wildlife Merger: Biologists and Scientists Work Group Report. Presentation to the Colorado Transition Team responsible for formulating the plan to merge Parks and Wildlife agencies, October 6, Silverthorne, CO.

Bergman, E. J., C. J. Bishop, L. Sidener, and K. Oldham. 2011. Survival and optimal harvest management of mule deer bucks in Middle Park, CO. Presentation to the Grand County Commission, October 4, Hot Sulphur Springs, CO. [I gave the presentation]

Technical Presentations at Professional Meetings/Workshops:

Bishop, C. J., G. C. White, D. J. Freddy, B. E. Watkins, and T. R. Stephenson. 2011. Effect of enhanced nutrition of free-ranging mule deer on population performance. 2011 Western States and Provinces Deer and Elk Workshop, May 17, Santa Ana Pueblo, NM.

Bishop, C. J., M. W. Alldredge, D. P. Walsh, E. J. Bergman, and D. Kilpatrick. 2011. Automated collaring device for mule deer. Colorado Chapter of The Wildlife Society Annual Meeting, February 25, Fort Collins, CO.

Bishop, C. J., G. C. White, and P. M. Lukacs. 2008. Evaluating dependence among mule deer siblings in fetal and neonatal survival analyses. Colorado Chapter of The Wildlife Society Annual Meeting, January 23–25, Denver, CO.

Bishop, C. J., G. C. White, and P. M. Lukacs. 2007. Evaluating dependence among mule deer siblings in fetal and neonatal survival analyses. The Wildlife Society 14th Annual Conference, September 22–26, Tucson, AZ.

Bishop, C. J., and E. J. Bergman. 2007. Status of big game habitats and implications for wildlife within the Colorado Plateau. Plant Community Restoration Workshop, September 5–7, Grand Junction, CO.

Bishop, C. J., D. J. Freddy, G. C. White, B. E. Watkins, T. R. Stephenson, and L. L. Wolfe. 2007. Using vaginal implant transmitters to aid in capture of mule deer neonates. 7th Western States and Provinces Deer and Elk Workshop, May 13–16, Estes Park, CO.

Bishop, C. J., D. J. Freddy, G. C. White, B. E. Watkins, T. R. Stephenson, and L. L. Wolfe. 2007. Using vaginal implant transmitters to aid in capture of mule deer neonates. Colorado Chapter of The Wildlife Society Annual Meeting, January 17–19, Glenwood Springs, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2006. Effect of enhanced nutrition of free-ranging mule deer on population performance. The Wildlife Society 13th Annual Conference, September 23–27, Anchorage, AK.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2005. Effect of enhanced nutrition of free-ranging mule deer on population performance: implications for habitat management on the Uncompahgre Plateau. Joint Colorado Chapter of The Wildlife Society and Colorado Section of Society for Range Management Annual Summer Meeting, July 20–22, Montrose, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2005. Effect of enhanced nutrition of free-ranging mule deer on population performance. 6th Western States and Provinces Deer and Elk Workshop, May 16–18, Reno, NV.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2005. Effect of enhanced nutrition on mule deer population performance in pinyon-juniper habitat. Ecology and Management of Pinyon-Juniper and Sagebrush Communities, May 16–19, Montrose, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. Effect of enhanced nutrition of free-ranging mule deer on fawn survival and recruitment rates. The Wildlife Society 11th Annual Conference, September 18–22, Calgary, AB.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. The effect of habitat quality on mule deer fawn survival and recruitment: interim report. Society for Range Management 57th Annual Meeting, January 24–30, Salt Lake City, UT.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. Effect of enhanced nutrition on mule deer fawn survival and recruitment rates. Colorado Chapter of The Wildlife Society Annual Meeting, January 14–16, Grand Junction, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2003. Effect of enhanced winter nutrition of free-ranging mule deer on fawn survival and recruitment. 5th Western States and Provinces Deer and Elk Workshop, May 21–24, Jackson, WY.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2001. Effects of nutrition and habitat enhancements on mule deer fawn recruitment: preliminary results. International Association of Natural Resources Crimestoppers (IANRC) Conference, August 6, Grand Junction, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2001. Effects of nutrition and habitat enhancements on mule deer fawn recruitment: preliminary results. 4th Western States and Provinces Deer and Elk Workshop, August 1–3, Wilsonville, OR.

Bishop, C. J. 2001. Value of sagebrush communities for mule deer. Sagebrush – Grass Community Restoration & Rehabilitation Workshop, April 2–5, Grand Junction, CO.

Bishop, C. J., M. A. Hurley, and J. W. Unsworth. 1999. Mule deer population monitoring in Idaho. Idaho Chapter of The Wildlife Society Annual Meeting, March 4-6, Boise, ID.

Invited Lectures, Seminars, and Instructional Presentations at Short Courses:

Bishop, C. J. 2015. Technique innovation from inquiries into mule deer. Wildlife Biology Seminar, University of Montana, November 13, Missoula, MT.

Bishop, C. J. 2015. Wildlife management and conservation. Guest lecture – Nature of Montana, October 26, University of Montana, Missoula, MT.

Bishop, C. J. 2015. Conserving and managing fish and wildlife populations. Guest lecture – Careers in Natural Resources, October 13, University of Montana, Missoula, MT.

Bishop, C. J. 2015. Automated collaring device for mule deer. University of Montana Student Chapter of The Wildlife Society, September 29, Missoula, MT.

Bishop, C. J. 2015. Connections: helping UM lead the nation in wildlife education and research innovation. Applicant for Program Director - Seminar, March 27, Wildlife Biology Program, University of Montana, Missoula, MT.

Bishop, C. J. 2014. Capture techniques and radio-telemetry used in wildlife research and management; ungulate ecology; mule deer nutrition and predator limitation in Western

Colorado. Colorado State University's Wildlife Management Short Course, April 1, Fort Collins, CO.

Bishop, C. J. 2012. Capture techniques and radio-telemetry used in wildlife research and management; ungulate ecology; mule deer nutrition and predator limitation in Western Colorado. Colorado State University's Wildlife Management Short Course, March 27, Fort Collins, CO.

Bishop, C. J. 2012. Understanding habitat limitation in mule deer and evaluating strategies to increase habitat quality. Invited Seminar Presentation to Students and Faculty at Brigham Young University, February 23, BYU, Provo, UT.

Bishop, C. J. 2012. Roles of Wildlife Agencies in Managing Fish and Wildlife Populations. Lecture - Principles of Wildlife Management, January 31, Colorado State University, Fort Collins, CO.

Bishop, C. J., and G. C. White. 2011. Using data bootstrap to evaluate dependence among mule deer siblings in fetal and neonatal survival analyses. Advanced Program MARK Workshop, Colorado State University, August 10, Fort Collins, CO.

Bishop, C. J. 2011. Capture techniques and radio-telemetry used in wildlife research and management, ungulate ecology, and a case study using the Uncompahgre deer research study. Colorado State University's Wildlife Management Short Course, March 29, Fort Collins, CO.

Bishop, C. J. 2011. Roles of Wildlife Agencies in Managing Fish and Wildlife Populations. Lecture - Principles of Wildlife Management, January 27, Colorado State University, Fort Collins, CO.

Bishop, C. J. 2010. Managing fish and wildlife populations and mule deer research. Lecture given to AP Students at Berthoud High School, October 28, Berthoud, CO.

Bishop, C. J. 2010. Capture techniques and radio-telemetry used in wildlife research and management, ungulate ecology, and a case study using the Uncompahgre deer research study. Colorado State University's Wildlife Management Short Course, March 30, Fort Collins, CO.

Bishop, C. J. 2010. Roles of Wildlife Agencies in Managing Fish and Wildlife Populations. Lecture - Principles of Wildlife Management, February 2, Colorado State University, Fort Collins, CO.

Bishop, C. J. 2009. Ungulate monitoring options and considerations. Kaibab Monitoring Protocol Workshop, August 10-11, Jacob Lake, AZ.

Bishop, C. J. 2009. Capture techniques and radio-telemetry used in wildlife research and management, ungulate ecology, and a case study using the Uncompahgre deer research study. Colorado State University's Wildlife Management Short Course, March 31, Fort Collins, CO.

Bishop, C. J. 2008. Capture techniques and radio-telemetry used in wildlife research and management, and an example of technique application using the Uncompahgre deer research study. Colorado State University's Wildlife Management Short Course, April 1, Fort Collins, CO.

Bishop, C. J. 2008. Big game management and research in Colorado with emphasis on Uncompahgre deer research. Lecture - Integrated Range Resource Management (Graduate Course), Colorado State University, March 3, Fort Collins, CO.

Bishop, C. J. 2007. Effect of enhanced nutrition of free-ranging mule deer on population performance. PhD Defense seminar 2, Colorado State University, October 19, Fort Collins, CO.

Bishop, C. J. 2007. Vaginal implant transmitters, fetal survival, and sibling dependence: field and quantitative technique development. PhD Defense seminar 1, Colorado State University, May 4, Fort Collins, CO.

Bishop, C. J. 2007. Capture techniques and radio-telemetry used in wildlife research and management, and an example of technique application using the Uncompahgre deer research study. Colorado State University's Wildlife Management Short Course, March 26–30, Fort Collins, CO.

Bishop, C. J. 2007. Big game management and population monitoring in Colorado, and the importance of habitat quality for mule deer. Lecture - Integrated Range Resource Management (Graduate Course), Colorado State University, March 1, Fort Collins, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2007. Effect of enhanced nutrition of free-ranging mule deer on population performance and effectiveness of vaginal implant transmitters. Colorado State University Student Chapter of The Wildlife Society, February 26, Fort Collins, CO.

Bishop, C. J. 2006. Capture techniques and radio-telemetry used in wildlife research and management, and an example of technique application using the Uncompahgre deer research study. Colorado State University's Wildlife Management Short Course, March 27–31, Fort Collins, CO.

Bishop, C. J. 2006. Big game management and population monitoring in Colorado, and the importance of habitat quality for mule deer. Lecture - Integrated Range Resource Management (Graduate Course), Colorado State University, January 18, Fort Collins, CO.

- Bishop, C. J. 2005. Mule deer ecology in Colorado and effect of enhanced nutrition of free-ranging mule deer on population performance. Colorado Youth Outdoors science education program, June 2, Silvendale Ranch, Loveland, CO.
- Bishop, C. J. 2005. Field instruction on the use of drop nets for capturing mule deer. CSUTWS Wildlife Techniques Short Course, April 2–3, MacGregor Ranch, Estes Park, CO.
- Bishop, C. J. 2005. Capture techniques and radio-telemetry used in wildlife research and management, and an example of technique application using the Uncompahgre deer research study. Colorado State University's Wildlife Management Short Course, March 21–25, Fort Collins, CO.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2005. Effect of enhanced nutrition of free-ranging mule deer on population performance. Presentation to Colorado Division of Wildlife's Wildlife Health Laboratory and Colorado State University's Diagnostic Laboratory, March 17, Fort Collins, CO.
- Bishop, C. J. 2005. The Wildlife Society membership and certification // Effect of enhanced nutrition of free-ranging mule deer on population performance. Colorado State University Student Chapter of The Wildlife Society, February 28, Fort Collins, CO.
- Bishop, C. J., E. J. Bergman, G. C. White, D. J. Freddy, and B. E. Watkins. 2004. The effect of habitat enrichment on mule deer fawn survival and recruitment. Colorado Division of Wildlife's Wildlife Conservation Short Course, August 19, Grand Junction, CO.
- Bishop, C. J. 2004. Capture techniques and radio-telemetry used in wildlife research and management. Colorado State University's Wildlife Management Short Course, March 22–26, Fort Collins, CO.
- Bishop, C. J. 2003. Capture techniques and radio-telemetry used in wildlife research and management. Colorado State University's Wildlife Management Short Course, March 24–28, Fort Collins, CO.
- Bishop, C. J. 2002. Capture techniques and radio-telemetry used in wildlife research and management. Colorado State University's Wildlife Management Short Course, March 25–29, Fort Collins, CO.
- Bishop, C. J. 2001. Capture techniques and radio-telemetry used in wildlife research and management. Colorado State University's Wildlife Management Short Course, March 26–30, Fort Collins, CO.
- Bishop, C. J. 2000. Mule deer issues in Colorado. Colorado State University Fishery & Wildlife Biology Department Seminar, September 1, Fort Collins, CO.

Bishop, C. J., and B. E. Watkins. 2000. Mule deer research on the Uncompahgre Plateau. Colorado State Parks' "Teachers in Parks" Workshop, June 23, Ridgway State Park, Ridgway, CO.

Bishop, C. J., R. B. Gill, T. D. I. Beck, D. J. Freddy, N. T. Hobbs, R. H. Kahn, M. W. Miller, T. M. Pojar, and G. C. White. 2000. Declining mule deer populations in Colorado: reasons and responses. Masters Workshop for Colorado's Hunter Education Instructors, May 6–7, Winter Park, CO.

Bishop, C. J., R. B. Gill, T. D. I. Beck, D. J. Freddy, N. T. Hobbs, R. H. Kahn, M. W. Miller, T. M. Pojar, and G. C. White. 2000. Declining mule deer populations in Colorado: reasons and responses. Big Game Workshop for Colorado's Hunter Education Instructors, April 15–16, Montrose, CO.

Bishop, C. J. 2000. Capture techniques and radio-telemetry used in research and management of large mammals. Colorado State University's Wildlife Management Short Course, March 27–31, Fort Collins, CO.

Bishop, C. J., and B. E. Watkins. 2000. Mule deer habitat quality and evaluation of pinyon-juniper habitat manipulations. Colorado State University Habitat Field Study Class, March 11, Uncompahgre Plateau, Montrose, CO.

Technical Presentations at Governmental Agency and Public Meetings/Trainings:

Bishop, C. J., C. R. Anderson, and E. J. Bergman. 2014. Colorado mule deer research. Colorado Parks and Wildlife Commission Meeting, May 8, Grand Junction, CO.

Anderson, C. R., and C. J. Bishop. 2012. Piceance Basin mule deer and energy development: improving winter range habitat as mitigation. Presentation at Biology Training for SE Region of Colorado Parks and Wildlife, April 3, Pueblo, CO. [I gave the presentation]

Allredge, M. W., and C. J. Bishop. 2012. Telomeres and stable isotopes. Presentation at Biology Training for SE Region of Colorado Parks and Wildlife, April 3, Pueblo, CO. [I gave the presentation]

Johnson, H., C. Bishop, J. Apker, J. Broderick, P. Dorsey, M. Allredge, S. Breck, J. Beckmann, K. Wilson, and S. Lischka. 2012. Black bear-human conflicts research. Colorado Parks and Wildlife Commission Meeting, December 8, Fort Collins, CO. [I gave the presentation]

Bishop, C. J. 2011. Mammals Research Program. Presentation to the new class of District Wildlife Manager trainees, Colorado Parks and Wildlife, December 1, Fort Collins, CO.

- Bishop, C. J. 2011. Understanding declining mule deer populations: habitat vs. predator limitation. Presentation at a public meeting in northwest Colorado focused on predation concerns relative to declining mule deer numbers, August 15, Meeker, CO.
- Bishop, C. J. 2011. Mammal research in Colorado. Presentation to Regional Federal Aid Coordinators from across the Mountain-Prairie Region, US Fish and Wildlife Service, April 28, Fort Collins, CO.
- Bergman, E. J., C. J. Bishop, L. Sidener, and K. Oldham. 2011. Survival and optimal harvest management of mule deer bucks in Middle Park, CO. Colorado Wildlife Commission Meeting, April 7, Meeker, CO. [I gave the presentation]
- Bishop, C. J., M. W. Alldredge, D. P. Walsh, E. J. Bergman, and D. Kilpatrick. 2011. Automated collaring device for mule deer. Boulder County Parks and Open Space, February 17, Longmont, CO.
- Bishop, C. J. 2011. Upcoming mammal research in Colorado. Northwest Region Biology Days, January 20, Glenwood Springs, CO.
- Bergman, E. J., C. J. Bishop, D. J. Freddy, G. C. White, and P. F. Doherty. 2011. Evaluation of winter range habitat treatments on overwinter survival of mule deer. Northwest Region Biology Days, January 19, Glenwood Springs, CO. (I gave the presentation)
- Anderson, C. R., and C. J. Bishop. 2011. Current understanding of mule deer-energy development interactions in the western United States. Northwest Region Biology Days, January 19, Glenwood Springs, CO. (I gave the presentation)
- Bishop, C. J. 2010. Understanding and managing deer populations. Iowa Wildlands Ranch Board Meeting, February 20, Des Moines, IA.
- Bishop, C. J., S. Breck, M. Alldredge, J. Broderick, K. Wilson, S. Baruch-Mordo, J. Mao, A. Holland, J. Apker, R. Kahn, and J. Beckman. 2010. Black bear conflict research in Colorado. Black Bear Management Meeting, February 18, Colorado Division of Wildlife, Denver, CO.
- Bishop, C. J. 2009. Understanding and managing mule deer populations. Talk to Rangely Sportsmen, August 5, Rangely, CO.
- Bishop, C. J., C. R. Anderson, D. P. Walsh, and E. J. Bergman. 2009. Using vaginal implant transmitters to aid in capture of mule deer neonates on the Roan Plateau. Piceance Basin Landowner Meeting, June 23, Meeker, CO.
- Bishop, C. J., and D. J. Freddy. 2008. Ungulate research needs in Colorado: selecting the next ungulate research study. Colorado Division of Wildlife Northwest Region Staff Meeting, November 19, Grand Junction, CO.

Bishop, C. J., and D. J. Freddy. 2008. Ungulate research needs in Colorado: selecting the next ungulate research study. Colorado Division of Wildlife Research Review, August 20–21, Denver, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2008. Effect of enhanced nutrition of free-ranging mule deer on population performance. Colorado Division of Wildlife Area 6 Staff Meeting, February 12, Meeker, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2007. Effect of enhanced nutrition of free-ranging mule deer on population performance. Colorado Division of Wildlife Area 9 Staff Meeting, April 9, Hot Sulphur Springs, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2006. Effect of enhanced nutrition of free-ranging mule deer on population performance. Colorado Habitat Partnership Program Statewide Council Meeting, June 12–13, Montrose, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2006. Effect of limited antlered harvest on mule deer sex and age ratios. Colorado Division of Wildlife Research Review, May 11, Keystone, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2006. Effect of enhanced nutrition of free-ranging mule deer on population performance. Colorado Division of Wildlife Area 2 Staff Meeting, January 23, Fort Collins, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2006. Effect of enhanced nutrition of free-ranging mule deer on population performance. Colorado Division of Wildlife Area 4 Staff Meeting, January 15, Fort Collins, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2005. Effect of enhanced nutrition of free-ranging mule deer on population performance. Habitat Partnership Program Annual Statewide Meeting, February 17–18, Grand Junction, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. The effect of habitat enrichment on mule deer fawn survival and recruitment. Colorado Division of Wildlife District Wildlife Manager Training, December 6, Fort Collins, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. Effect of enhanced nutrition of free-ranging mule deer on fawn survival and recruitment rates. Rotary Club International, October 19, Montrose, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. Effect of enhanced nutrition of free-ranging mule deer on population performance. Wildlife Commission Workshop, October 6, Glenwood Springs, CO.

- Bishop, C. J., E. J. Bergman, G. C. White, D. J. Freddy, and B. E. Watkins. 2004. The effect of habitat enrichment on mule deer fawn survival and recruitment: an overview and update. Colorado Division of Wildlife Statewide Terrestrial Meeting, August 26–27, Parachute, CO.
- Bishop, C. J., E. J. Bergman, G. C. White, D. J. Freddy, and B. E. Watkins. 2004. The effect of habitat enrichment on mule deer fawn survival and recruitment. Habitat Partnership Program Statewide Council Meeting, July 28, Buena Vista, CO.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. The effect of habitat enrichment on mule deer fawn survival and recruitment: an interim report. Bureau of Land Management and U.S. Forest Service Joint Meeting, May 12, Grand Junction, CO.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. Effect of limited antlered harvest on mule deer sex and age ratios and the effect of enhanced nutrition of free-ranging mule deer on fawn survival and recruitment rates. Colorado Division of Wildlife Special Big Game Season Structure Meeting, March 24, Frisco, CO.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. The effect of habitat quality on mule deer fawn survival and recruitment. Colorado Division of Wildlife Area 15 Staff Meeting, March 10, Durango, CO.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2004. Effect of enhanced nutrition on mule deer fawn survival and recruitment rates. Colorado Division of Wildlife District Wildlife Manager Training, January 6, Fort Collins, CO.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2003. Effect of enhanced winter nutrition of free-ranging mule deer on fawn survival and recruitment. Colorado Division of Wildlife Northwest–Southwest Joint Regional Staff Meeting, September 22–23, Cimarron State Wildlife Area, Cimarron, CO.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2003. Effect of enhanced winter nutrition of free-ranging mule deer on fawn survival and recruitment: an overview and update. Uncompahgre Plateau Ecosystem Restoration Project Annual Meeting and UP Plan Signing Ceremony, August 28, Montrose, CO.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2003. Working with HPP to improve our understanding of mule deer-habitat relationships. Habitat Partnership Program Annual Statewide Meeting, January 28–30, Grand Junction, CO.
- Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2002. Effect of enhanced nutrition of free-ranging mule deer on fawn survival and recruitment rates. Rotary Club International, October 29, Montrose, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2002. Grasping the link between habitat and mule deer fawn recruitment. Ridgway-Ouray Community Council, March, Ridgway, CO.

Bishop, C. J., G. C. White, D. J. Freddy, and B. E. Watkins. 2002. Partnering with HPP to grasp the link between habitat and mule deer fawn recruitment. Habitat Partnership Program Annual Statewide Meeting, January 29–31, Pueblo, CO.

Bishop, C. J., and G. C. White. 2001. Effects of nutrition and habitat enhancements on mule deer recruitment and survival rates. Colorado Division of Wildlife District Wildlife Manager Training, January 8, Denver, CO.

Bishop, C. J., G. C. White, R. B. Gill, and B. E. Watkins. 2000. Effects of nutrition and habitat enhancements on mule deer recruitment and survival rates. Uncompahgre Ecosystem Restoration Project, October, Montrose, CO.

Bishop, C. J., G. C. White, R. B. Gill, and L. H. Carpenter. 2000. Effect of an experimental manipulation of mule deer nutrition on fawn recruitment: a research proposal. Colorado Division of Wildlife, Area 18 Staff Meeting, July, Dry Creek State Wildlife Area, CO.

Bishop, C. J., G. C. White, R. B. Gill, and L. H. Carpenter. 2000. Effect of an experimental manipulation of mule deer nutrition on fawn recruitment: a research proposal. Colorado Division of Wildlife, Wildlife Programs Branch Meeting, March 14, Denver, CO.

Bishop, C. J., G. C. White, R. B. Gill, and L. H. Carpenter. 2000. Effect of an experimental manipulation of mule deer nutrition on fawn recruitment: a research proposal. Colorado Division of Wildlife, West Section Terrestrial Staff Meeting, February 7, Grand Junction, CO.

Bishop, C. J., R. B. Gill, G. C. White, and L. H. Carpenter. 2000. Declining deer populations in Colorado, and habitat enhancement research proposal. Colorado Division of Wildlife District Wildlife Manager Training, January 5, Denver, CO.

PROFESSIONAL MEETINGS-WORKSHOPS ATTENDED

Western Association of Fish and Wildlife Agencies Winter Meeting, January 7-10, 2016, San Diego, California.

The Boone and Crockett Club Annual Meeting, December 2-5, 2015, San Antonio, Texas.

Sustaining Big Game Migrations in the West: Science, Policy, and People, November 9-10, 2015, University of Wyoming, Laramie, Wyoming.

The Wildlife Society 22nd Annual Conference, October 17-21, 2015, Winnipeg, Manitoba.

Association of Fish and Wildlife Agencies Annual Meeting, September 13-16, 2015, Tucson, Arizona.

Western Association of Fish and Wildlife Agencies Summer Meeting, July 17-22, 2015, Reno, Nevada.

North American Wildlife and Natural Resources Conference, March 8-14, 2015, Omaha, Nebraska.

Colorado Chapter of The Wildlife Society Annual Meeting, February 4-6, 2015, Grand Junction, Colorado.

Western Association of Fish and Wildlife Agencies Winter Meeting, January 8-11, 2015, Las Vegas, Nevada.

Association of Fish and Wildlife Agencies Annual Meeting, September 21-24, 2014, St. Louis, Missouri.

Colorado-Utah-Wyoming Tri-State Meeting (attendees comprised state agency leadership), August 18-20, 2014, Flaming Gorge Resort, Utah.

Western Association of Fish and Wildlife Agencies Summer Meeting, July 18-23, 2014, San Antonio, Texas.

WAFWA Lesser Prairie-chicken Initiative Council and Advisory Committee meetings, April 14-15, 2014, Edmond, Oklahoma.

Meetings with western Senators and Representatives and leadership within Departments of Interior and Agriculture regarding lesser prairie-chicken conservation, March 19-21, 2014, Washington D.C.

North American Wildlife and Natural Resources Conference, March 10-14, 2014, Denver, Colorado.

Colorado Chapter of The Wildlife Society Annual Meeting, February 5-7, 2014, Fort Collins, Colorado.

Colorado Water Congress, January 30-31, 2014, Denver, Colorado.

Western Association of Fish and Wildlife Agencies Winter Meeting, January 2-5, 2014, Corpus Christi, Texas.

Meetings with western Senators and Representatives, leadership within Departments of Interior and Agriculture, and agricultural/industrial NGOs regarding WAFWA's lesser prairie-chicken Rangewide Conservation Plan, November 18-21, 2013, Washington D.C.

WAFWA Lesser Prairie-chicken Initiative Council Meeting, October 31-Nov 1, 2013, Wichita, Kansas.

Association of Fish and Wildlife Agencies Annual Meeting, September 8-11, 2013, Portland, Oregon.

Colorado-Utah-Wyoming Tri-State Meeting (attendees comprised state agency leadership), August 19-20, 2013, Laramie, Wyoming.

Western Association of Fish and Wildlife Agencies Summer Meeting, July 19-24, 2013, Omaha, Nebraska.

Rocky Mountain Elk Foundation Elk Summit, April 30-May 1, 2013, Missoula, Montana.

North American Wildlife and Natural Resources Conference, March 24-30, 2013, Arlington, Virginia.

Colorado Water Congress, January 30-Feb 1, 2013, Denver, Colorado.

Colorado Parks and Wildlife Statewide Habitat Conference: Landscape Habitat Management with Wildlife in Mind, January 16-18, Grand Junction, Colorado.

Western Association of Fish and Wildlife Agencies Winter Meeting, January 3-6, 2013, Tucson, Arizona.

Colorado-Utah-Wyoming Tri-State Meeting (attendees comprised state agency leadership), August 28-29, 2012, Steamboat Springs, Colorado.

28th Western Agencies Sage and Columbian Sharp-tailed Grouse Workshop, June 19-22, 2012, Steamboat Springs, Colorado.

Vertebrate Responses to Bark Beetles Symposium, April 5-6, 2012, University of Wyoming, Laramie, Wyoming.

Climate Change Vulnerability Assessments, March 20-22, 2012, Fort Collins, Colorado.

Colorado Chapter of The Wildlife Society Annual Meeting, February 15-17, 2012, Grand Junction, Colorado.

2011 Western States and Provinces Deer and Elk Workshop, May 17-18, 2011, Santa Ana Pueblo, New Mexico.

Western Elk Research Collaborative Meeting – Interstate Elk Survival Analysis Meeting, May 5-6, 2011, Missoula, Montana.

Joint Meeting of the Colorado Chapter of The Wildlife Society and Colo/Wyo American Fisheries Society, February 23-25, 2011, Fort Collins, Colorado.

Joint Meeting of the Habitat Partnership Program and Colorado Section of The Society for Range Management, November 30–December 2, 2010, Grand Junction, Colorado.

The Wildlife Society 17th Annual Conference, October 3–6, 2010, Snowbird, Utah.

Western Elk Research Collaborative Meeting – Interstate Elk Survival Analysis Meeting, May 26-28, 2010, Missoula, Montana.

Colorado Chapter of The Wildlife Society Annual Winter Meeting, February 8-10, 2010, Pueblo, Colorado.

International Society for Range Management Meeting, February 7-11, 2010, Denver, Colorado.

Kaibab Plateau Monitoring Protocol Workshop, August 10-11, 2009, Jacob Lake, Arizona.

Annual Summer Meeting of the Habitat Partnership Program, July 23-24, 2009, Craig, Colorado.

Desert Bighorn Sheep Council Meeting, April 9-10, 2009, Grand Junction, Colorado.

Joint Meeting of the Habitat Partnership Program and Colorado Chapter of The Wildlife Society, February 4-6, 2009, Grand Junction, Colorado.

Colorado Section of The Society for Range Management Annual Meeting, December 2-4, 2008, Fort Collins, Colorado.

Colorado Chapter of The Wildlife Society Annual Summer Meeting, July 17–18, 2008, Winter Park, Colorado.

Utah Habitat Management Field Tour, June 30–July 3, 2008, Ephraim, Utah.

Colorado Chapter of The Wildlife Society Annual Winter Meeting, January 23–25, 2008, Denver, Colorado.

The Wildlife Society 14th Annual Conference, September 22–26, 2007, Tucson, Arizona.

Colorado Chapter of The Wildlife Society Annual Summer Meeting, July 26–27, 2007, Gunnison, Colorado.

Seventh Western States and Provinces Deer and Elk Workshop, May 13–16, 2007, Estes Park, Colorado.

Colorado Chapter of The Wildlife Society Annual Winter Meeting, January 17–19, 2007, Glenwood Springs, Colorado.

The Wildlife Society 13th Annual Conference, September 23–27, 2006, Anchorage, Alaska.

PRIMES Workshop on Bayesian Methods in Wildlife Population Monitoring, June 14–16, 2006, Colorado State University, Fort Collins, Colorado.

Program MARK Workshop, June 5–9, 2006, Colorado State University, Fort Collins, Colorado. (I served as a Teaching Assistant throughout the Workshop).

Colorado Chapter of The Wildlife Society Annual Winter Meeting, January 25–27, 2006, Fort Collins, Colorado.

Joint Colorado Chapter of The Wildlife Society and Colorado Section of Society for Range Management Annual Summer Meeting, July 20–22, 2005, Montrose, Colorado.

Sixth Western States and Provinces Deer and Elk Workshop, May 16–18, 2005, Reno, Nevada.

Habitat Partnership Program Annual Statewide Meeting, February 17–18, 2005, Grand Junction, Colorado.

Colorado Chapter of The Wildlife Society Annual Winter Meeting, January 12–14, 2005, Colorado Springs, Colorado.

The Wildlife Society 11th Annual Conference, September 18–22, 2004, Calgary, Alberta, Canada.

Colorado Chapter of The Wildlife Society Annual Summer Meeting, July 21–23, 2004, Estes Park, Colorado.

Southern Rockies Ecosystem Project, Wildlife Linkages Workshop, May 4, 2004, Montrose, Colorado, USA. (I served both as an expert and facilitator at this meeting, and was acknowledged in the resulting 2005 publication produced by SREP.)

Society for Range Management 57th Annual Meeting, January 24–30, 2004, Salt Lake City, Utah.

Colorado Chapter of The Wildlife Society Annual Meeting, January 14–16, 2004, Grand Junction, Colorado.

Uncompahgre Plateau Ecosystem Restoration Project Annual Meeting and UP Plan Signing Ceremony, August 28, 2003, Montrose, Colorado.

Colorado Chapter of The Wildlife Society Annual Summer Meeting, July 30–August 1, 2003, San Luis Valley, Colorado.

Fifth Western States and Provinces Deer and Elk Workshop, May 21–24, 2003, Jackson, Wyoming.

Habitat Partnership Program Annual Statewide Meeting, January 28–30, 2003, Grand Junction, Colorado.

Colorado Chapter of The Wildlife Society Annual Winter Meeting, January 15–17, 2003, Fort Collins, Colorado.

International Chronic Wasting Disease Symposium, August 6–7, 2002, Denver, Colorado.

Colorado Chapter of The Wildlife Society Annual Summer Meeting, July 11–13, 2002, Mesa Verde National Park, Colorado.

Quantifying Ungulate Body Condition Using Hand Palpation and Ultrasonography (Training Workshop), April 29–May 1, 2002, La Grande, Oregon.

Habitat Partnership Program Annual Statewide Meeting, January 29–31, 2002, Pueblo, Colorado.

Colorado Chapter of The Wildlife Society Annual Winter Meeting, January 16–18, 2002, Colorado Springs, Colorado.

The Wildlife Society 8th Annual Conference, September 25–29, 2001, Reno, Nevada.

Fourth Western States and Provinces Deer and Elk Workshop, August 1–3, 2001, Wilsonville, Oregon.

Central Mountains and Plains Section and Colorado Chapter of The Wildlife Society Joint Summer Meeting, July 18–20, 2001, Fort Collins, Colorado.

Colorado State University Program MARK Workshop, June 4–8, 2001, Fort Collins, Colorado, USA. (I served as a Teaching Assistant throughout the Workshop.)

Sagebrush – Grass Community Restoration & Rehabilitation Workshop, April 2–5, 2001, Grand Junction, Colorado.

Colorado Chapter of The Wildlife Society Annual Winter Meeting, January 17–19, 2001, Grand Junction, Colorado.

The Wildlife Society 7th Annual Conference, September 12-16, 2000, Nashville, Tennessee.

Colorado Chapter of The Wildlife Society Annual Summer Meeting, July 19–21, 2000, Blue Valley Ranch, Kremmling, Colorado.

Colorado State University Program MARK Workshop, June 5–9, 2000, Fort Collins, Colorado, USA.
(I served as a Teaching Assistant throughout the Workshop.)

Colorado Chapter of The Wildlife Society Annual Winter Meeting, January 19–21, 2000, Fort Collins, Colorado.

AWARDS/HONORS

- Honorary Lifetime Membership, Western Association of Fish and Wildlife Agencies, 2015
- Professional Achievement in Wildlife Research Award from Colorado Chapter of The Wildlife Society (TWS), 2007
- Richard Denny Best Speaker Award from the Colorado Chapter of TWS, 2004, 2007
- Chapter Service Award from the Colorado Chapter of TWS, 2001
- Gordon Eastman Wildlife Conservation Award, 1998
- Greek Man of the Year at Montana State University for outstanding service to the Greek System, the University, and the Bozeman community, 1995
- Besser-Lindsey Award from the National Sigma Alpha Epsilon Fraternity for excelling in academics, athletics, and leadership as an undergraduate, 1995
- National Order of Omega (Greek Academic Honor Society) Scholarship Award for graduate school, 1995
- Phi Kappa Phi, Academic Honorary, 1995
- Montana State University Mortar Board, Academic-based Service Honorary, 1995