

Jonathan B. Dinkins

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Education

2013 Ph.D. **Wildlife Biology**, Utah State University, Logan, UT
2005 M.F.A. **Ceramic Sculpture**, Montana State University, Bozeman, MT
2001 B.S. **Biology**, University of Puget Sound, Tacoma, WA
2001 B.A. **Studio Art**, University of Puget Sound, Tacoma, WA

Professional Experience

2014–present Post-doctoral Research Associate, University of Wyoming, Laramie, WY
2013 Wildlife Biologist, U.S. Forest Service, Kamiah, ID
2013 Post-doctoral Research Associate, Utah State University, Logan, UT
2007 Wildlife Technician, Big Horn Environmental, Sheridan, WY
2006–2007 Research Technician, Montana State University–Bozeman, Bozeman, MT
2006 Wildlife Technician, University of Montana, Missoula, MT
2005 Wildlife Technician, Silva Environmental, Quincy, CA
2003–2004 Research Assistant, U.S. Forest Service, Bozeman, MT
2001–2002 Research Scientist, University of Washington, Seattle, WA

Peer-Refereed Journal Articles

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. *In Review*. Effects of common raven and coyote removal and temporal variation in climate on greater sage-grouse nesting success. *Biological Conservation*.

Dinkins, J. B., K. T. Smith, J. L. Beck, C. P. Kirol, A. C. Pratt, and M. R. Conover. *In Review*. Microhabitat conditions in Wyoming sage-grouse core areas: effects on selection and nest success. *PLoS ONE*.

Conover, M. R., and **J. B. Dinkins**. *In Review*. Divorce in Canada geese: frequency, causes and consequences. *Animal Behaviour*.

Conover, M. R., **J. B. Dinkins**, and R. E. Ruzicka. 2015. Consequences of hunter harvest, winter weather, and increasing population size on survival of non-migratory Canada geese in Connecticut. *Journal of Wildlife Management* 79:1239–1245.

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2014. Greater sage-grouse (*Centrocercus urophasianus*) select habitat based on avian predators, landscape

composition, and anthropogenic features. *Condor: Ornithological Applications* 116:629–642.

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2014. Greater sage-grouse hen survival: effects of raptors, anthropogenic and landscape features, and hen behavior. *Canadian Journal of Zoology* 92:319–330.

Dinkins, J. B., M. R. Conover, and S. T. Mabray. 2013. Do artificial nests simulate nest success of real greater sage-grouse nests? *Human Wildlife Interactions* 7:299–312.

Dinkins, J. B., M. R. Conover, C. P. Kirol, and J. L. Beck. 2012. Greater sage-grouse (*Centrocercus urophasianus*) select nest-sites and brood-sites away from avian predators. *Auk* 129:600–610.

Kirol, C. P., J. L. Beck, **J. B. Dinkins**, and M. R. Conover. 2012. Microhabitat selection for nesting and brood-rearing by the greater sage-grouse in xeric big sagebrush. *Condor* 114:75–89.

Conover, M. R., J. S. Borgo, R. E. Dritz, **J. B. Dinkins**, and D. K. Dahlgren. 2010. Greater sage-grouse select nest sites to avoid visual predators but not olfactory predators. *Condor* 112:331–336.

Reports

Dinkins, J. B., K. T. Smith, A. C. Pratt, C. P. Kirol, J. L. Beck, and M. R. Conover. 2015. Winter use areas of migratory and non-migratory greater sage-grouse: fitness consequences of staying or leaving winter range. Wyoming Wildlife Natural Resource Trust, 24 pages.

Book Chapters

Conover, M. R., **J. B. Dinkins**, and M. J. Haney. 2013. Impacts of weather and accidents on wildlife. Pages 144–155 in P. R. Krausman and J. W. Cain III, eds. *Wildlife Management and Conservation: Contemporary Principles and Practices*. The Wildlife Society and John Hopkins University Press, Bethesda, MD.

Conover, M. R., and **J. B. Dinkins**. 2012. Managing abundant wildlife through the human dimension. Pages 177–188 in D. J. Decker, S. J. Riley, and W. F. Siemer, eds. *Human Dimensions of Wildlife Management*. The Wildlife Society and John Hopkins University Press, Bethesda, MD.

Press Articles

Dinkins, J. B. 2011. Common ravens and greater sage-grouse: ongoing research in Wyoming. *The Communicator*, Utah State University Extension 7(1):3.

Interviews Featuring Research

Edwards, M. 2015. New studies look at how ravens affect sage-grouse nest success. Wyoming Public Radio February 6, 2015.

Beck, B. 2015. Wyoming's sage-grouse hunt remains safe for now. Wyoming Public Radio September 25, 2015.

Articles Featuring Research

Gilman, S. 2015. Bird v. bird. *Western Confluence: Natural Resource Science and Management in the West*, William D. Ruckelshaus Institute, Haub School of the Environment and Natural Resources, University of Wyoming 4:16–19.

Journal Editor

2008–2009 Assistant Editor, *Human Wildlife Interactions*

Reviewer

Biological Conservation

Condor: Ornithological Applications

Ecological Processes

Journal of Field Ornithology

Journal of Wildlife Management

USGS Review

Wildlife Research

Wilson Journal of Ornithology

Grants Received

Total of obtained funding with myself as primary grant author = **\$348,189**

Trends in sage-grouse and sagebrush obligate passerines.

State of Wyoming, 2014, \$31,474

Microhabitat quality in Wyoming sage-grouse core areas.

State of Wyoming, 2014, \$38,815

Winter concentration areas for migratory and non-migratory sage-grouse.

State of Wyoming, 2014, \$28,400

Evaluation of potential effects of common raven (*Corvus corax*) and raptor densities on greater sage-grouse (*Centrocercus urophasianus*) lek counts: winter survival and spring habitat selection of sage-grouse juveniles.

South-central Sage-grouse Local Working Group, 2013, \$35,000

Southwest Sage-grouse Local Working Group, 2013, \$35,000

Wyoming Land Conservation Initiative, 2013, \$37,000

Impacts of common raven (*Corvus corax*) depredation on nests of greater sage-grouse (*Centrocercus urophasianus*) in southern Wyoming.

Anadarko Petroleum, 2010–2011, \$39,500

South-central Sage-grouse Local Working Group, 2011, \$33,000

Southwest Sage-grouse Local Working Group, 2011, \$33,000

Wyoming Land Conservation Initiative, 2011, \$37,000

Invited Presentations

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2015. Effects of avian predators on site selection and nest success of greater sage-grouse. Second Annual Wyoming Sage-grouse Habitat Restoration Workshop, Casper, WY.

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2015. Effects of common raven removal and temporal variation in weather on greater sage-grouse nest success. Fortieth Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2015. Effects of common raven removal and temporal variation in weather on greater sage-grouse nest success. Annual Meeting of the Wyoming Animal Damage Management Board, Cheyenne, WY.

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2014. Effects of common raven removal and temporal variation in weather on greater sage-grouse nest success. International Sage-grouse Forum, Salt Lake City, UT.

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2014. Effects of avian predators on site selection and nest success of greater sage-grouse. Guest lecture, University of Wyoming, Laramie, WY.

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2013. Effects of avian predators on site selection and nest success of greater sage-grouse. Sage-grouse Implementation Team Meeting, Casper, WY.

Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2013. Effects of avian predators on site selection and nest success of greater sage-grouse. Guest lecture, University of Idaho, Moscow, ID.

Selected Contributed Presentations

Dinkins, J. B., and J. L. Beck. 2015. Prediction of annual estimated harvest of greater sage-grouse based on season regulations, survey bias, and hunter access. Joint Wyoming TWS and Wyoming Land Conservation Initiative Annual Meeting. Lander, WY.

J. L. Beck, and **J. B. Dinkins.** 2015. Changes in Hunter Management to Reduce Harvest Pressure on Greater Sage-Grouse, 1995–2013. 13th International Grouse Symposium, Reykjavik, Iceland.

- Dinkins, J. B.,** M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2014. Effects of common raven removal and temporal variation in weather on greater sage-grouse nest success. 29th Western Association of Fish and Wildlife Agencies Sage and Columbian Sharp-tailed Grouse Workshop, Elko, NV.
- Dinkins, J. B.,** M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2012. Effects of common raven removal on greater sage-grouse nesting success in southern Wyoming. The Wildlife Society, Wyoming Chapter Meeting, Laramie, WY.
- Dinkins, J. B.,** M. R. Conover, C. P. Kirol, and J. L. Beck. 2012. Greater sage-grouse (*Centrocercus urophasianus*) select nest-sites and brood-sites away from avian predators. The Wildlife Society 19th Annual Conference, Portland, OR.
- Dinkins, J. B.,** M. R. Conover, C. P. Kirol, and J. L. Beck. 2012. Greater sage-grouse (*Centrocercus urophasianus*) select nest-sites and brood-sites away from avian predators. 28th Western Association of Fish and Wildlife Agencies Sage and Columbian Sharp-tailed Grouse Workshop, Steamboat Springs, CO.
- Dinkins, J. B.,** M. R. Conover, C. P. Kirol, and J. L. Beck. 2012. Greater sage-grouse select nest-sites and brood-sites away from avian predators. Wyoming Land Conservation Initiative, WLCI Science Workshop, Rock Springs, WY.
- Dinkins, J. B.,** M. R. Conover, C. P. Kirol, and J. L. Beck. 2012. Greater sage-grouse select nest-sites and brood-sites away from avian predators. The Wildlife Society, Utah Chapter Meeting, Springdale, UT.
- Dinkins, J. B.** 2011. Greater sage-grouse select nest-sites and brood-sites away from avian predators. The Wildlife Society, Wyoming Chapter Meeting, Jackson, WY.
- Dinkins, J. B.** 2011. Impacts of ravens on sage-grouse in southern Wyoming. Saratoga Encampment Rawlins Area IV Conservation District Meeting, Saratoga, Wyoming.
- Dinkins, J. B.** 2010. Multivariate analysis to identify where sage-grouse select nest sites. The Wildlife Society, Wyoming Chapter Meeting, Lander, WY.
- Dinkins, J. B.** 2008. Impacts of raven abundance on greater sage-grouse nesting success in southwest Wyoming. The Wildlife Society, Wyoming Chapter Meeting, Sheridan, WY.
- Dinkins, J. B.** 2008. Raven predation on sage-grouse nests. Industry and Government Conference, Rawlins, WY.
- Dinkins, J. B.,** G. Johnson, M. Rolston, and C. Pariera Dinkins. 2007. Laboratory evaluation of the predation efficacy of three fish species on immature mosquitoes. Wyoming Mosquito Management Association, Cody, WY.

Dinkins, J. B., G. Johnson, M. Rolston, and C. Pariera Dinkins. 2007. Laboratory evaluation of the predation efficacy of three fish species on immature mosquitoes. Montana Mosquito and Vector Control Association, Helena, MT.

Teaching Experience

Undergraduate

2003–2005 Instructor of Record, 2D Design (ART 106; 4 semesters), Montana State University – Bozeman
2004 Instructor of Record, 3D Design (ART 108; fall semester), Montana State University – Bozeman
2004 Instructor of Record, Ceramics (ART 231; fall semester), Montana State University – Bozeman
2005 Adjunct Professor, Ceramics (ART 231; fall semester), Montana State University Bozeman
2009, 2012 Teaching Assistant, Animal Behavior (WILD 3300; spring semesters), Utah State University

Graduate

2009, 2012 Teaching Assistant, Wildlife Damage Management (WILD 5300/7300; spring semesters), Utah State University
2012 Teaching Assistant, Dynamics of Structured Populations (WILD 6403; fall semester), Utah State University (overall quality of course evaluation score 5.7/6)
2015 Instructor of Record, Modeling Resource Selection and Habitat-Based Demography (RNEW 5990–03; spring semester), University of Wyoming

Computer Knowledge

PC and Mac. Software: Word, PowerPoint, Excel, PhotoShop, GPS Trackmaker, Terrain Navigator Pro, All-Topo, ArcMap, MARK, Program Distance (distance sampling), SAS, and R (packages: lme4 [generalized linear mixed models], ncf [spatial analyses], sdep [spatial eigenvector mapping], survival [Cox proportional hazards], unmarked [distance sampling with covariate generalized linear models], nnet [multinomial logistic regression], and multivariate techniques in randomForest and rpart [principle components analysis, linear discriminant analysis, classification trees, and random forests])

Professional Organizations

2008–present The Wildlife Society, Wyoming Chapter
2006 Board of Directors, Montana Raptor Conservation Center
2003–2005 Ceramics Guild, Montana State University Bozeman

Fellowships

2010–2011 Jack H. Berryman Institute Graduate Student Fellowship

Scholarships/Awards

2002–2003 Presidential Scholarship, Montana State University-Bozeman
2001 Paul and Helen Perdue Community Service Award, University of

	Puget Sound
1998–2001	Art Department Scholarship, University of Puget Sound
1999–2000	Ball Scholarship, University of Puget Sound
2000–2001	Green Memorial Scholarship, University of Puget Sound
1998–1999, 2000–2001	Helen Buchanan Scholarship, University of Puget Sound
1999–2000	Florence Todd Scholarship, University of Puget Sound
1997–1998	Hope Scholarship, Academic Merit

Activities

2001–2002	Volunteer for South Puget Sound Salmon Enhancement Group
2000–2001	Student Athletic Advisory Council, University of Puget Sound
1997–2001	Outdoor Programs, University of Puget Sound
1997–2001	Varsity Track and Field, University of Puget Sound

References

Dr. Michael Conover, Utah State University, Professor, (435) 797-2436, mike.conover@usu.edu

Dr. Jeffrey Beck, University of Wyoming, Associate Professor, (307) 766-6683, jlbeck@uwyo.edu

Dr. David Koons, Utah State University, Associate Professor, (435) 797-8670, david.koons@usu.edu

Tom Christiansen, Wyoming Game & Fish Department, Sage-Grouse Program Coordinator, (307) 875-3225 x227, tom.christiansen@wyo.gov

Dr. Shandra Nicole Frey, Utah State University, Extension Assistant Professor, (435) 586-1924, nicki.frey@usu.edu