

# Christopher Chizinski

ASSOCIATE PROFESSOR OF HUMAN DIMENSIONS

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## Education

### Ph.D. Fisheries Science

TEXAS TECH UNIVERSITY

- Dissertation: Variation in life history traits and morphology in stunted and non-stunted fish
- Advisors: Dr. Gene Wilde and Dr. Kevin Pope

Lubbock, TX

2007

### M.S. Fisheries Science

TEXAS TECH UNIVERSITY

- Thesis: Economic valuation of site characteristics on recreation at Lake Kemp, Texas
- Advisor: Dr. Kevin Pope

Lubbock, TX

2002

### B.S. Ecology and Evolutionary Biology & Environmental Biology

UNIVERSITY OF CONNECTICUT

Storrs, CT

1999

## Professional appointments

### Associate Professor of Human Dimensions of Wildlife Management

SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN

Lincoln, NE

2019–current

### Assistant Professor of Human Dimensions of Wildlife Management

SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN

Lincoln, NE

2015–2019

### Research Assistant Professor of Human Dimensions of Wildlife Management

NEBRASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT, SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN

Lincoln, NE

2013–2015

### Post-doctoral Research Associate

NEBRASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT, SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN

Lincoln, NE

2010–2013

### Post-doctoral Research Associate

DEPARTMENT OF FISHERIES, WILDLIFE, AND CONSERVATION BIOLOGY, UNIVERSITY OF MINNESOTA

Saint Paul, MN

2010–2013

### Post-doctoral Research Associate

MINNESOTA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT, DEPARTMENT OF FISHERIES, WILDLIFE, AND CONSERVATION BIOLOGY, UNIVERSITY OF MINNESOTA

Saint Paul, MN

2007–2010

### Graduate Teaching Assistant

DEPARTMENT OF RANGE, WILDLIFE, AND FISHERIES MANAGEMENT, TEXAS TECH UNIVERSITY

Lubbock, TX

2005–2007

### Graduate Research Assistant

DEPARTMENT OF RANGE, WILDLIFE, AND FISHERIES MANAGEMENT, TEXAS TECH UNIVERSITY

Lubbock, TX

2002–2005

### Research Associate

DEPARTMENT OF AGRICULTURAL AND APPLIED ECONOMICS, TEXAS TECH UNIVERSITY

Lubbock, TX

2002–2002

### Graduate Research Assistant

DEPARTMENT OF RANGE, WILDLIFE, AND FISHERIES MANAGEMENT, TEXAS TECH UNIVERSITY

Lubbock, TX

2000–2002

## Grants awarded since 2020

- Grants awarded: \$5,181,296 lifetime and \$1,877,188 since 2020.

2023	Chizinski, C. J.. Human dimensions of wildlife survey analysis (III). Nebraska Game and Parks Commission. \$264,084 [CC 100%]
2023	Chizinski, C. J.. Analysis of human dimensions aspect of bird hunting in Saskatchewan. Saskatchewan Water Security Agency. \$21,739 [CC 100%]
2022	Pope, K. L., C. J. Chizinski, J. Spurgeon. Assessment of Angler Satisfaction in the Mainstem Missouri River, Nebraska: Emphasis on Paddlefish Fishery below Gavin's Point Dam. Nebraska Game and Parks Commission. \$116,118 [KP 50%, CC 25%, JS 25%]
2021	Chizinski, C. J.. Motivations, preferences, attitudes, and expenditures of Kansas anglers. Kansas Department of Wildlife, Parks, and Tourism. \$375,504 [CC 100%]
2020	Corman, J., C. J. Chizinski, S. Thomas. Streamnet: Building capacity to improve water quality. Nebraska Environmental Trust. \$307,730 [JC 40%, CC 30%, ST 30%]
2020	Little, A., Y. Qi, C. J. Chizinski. Nebraska farmers and farmland owners' attitudes of targeted conservation. Nebraska Environmental Trust. \$104,971 [AL 40%, YQ 30%, CC 30%]
2020	Chizinski, C. J.. Human dimensions of wildlife survey analysis (II; additional funding). Nebraska Game and Parks Commission. \$35,000 [CC 100%]
2020	Chizinski, C. J.. Exploring links between hunting and conservation organization participation to increase effectiveness of R3 programs. Nebraska Game and Parks Commission. \$315,809 [CC 100%]
2020	Chizinski, C. J.. Human dimensions of wildlife survey analysis (II). Nebraska Game and Parks Commission. \$281,510 [CC 100%]
2020	Pope, K. L., M. A. Kaemingk, C. J. Chizinski. Assessment of angler use and catch during 2020 at Sutherland Reservoir, Nebraska. NE Public Power District. \$54,723 [KP 40%, MK 30%, CC 30%]

## Student mentorship and advising

### POSTDOC AND GRADUATE STUDENT ADVISING

MADLINE VASQUEZ. [M.S.]. EVALUATION OF THE EXPERIMENTAL TWO-TIER WATERFOWL HUNTING REGULATIONS IN SOUTH DAKOTA AND NEBRASKA (I). SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN	2024-expected 2025
AVA BRITTON. [M.S.]. EVALUATION OF THE EXPERIMENTAL TWO-TIER WATERFOWL HUNTING REGULATIONS IN SOUTH DAKOTA AND NEBRASKA (II). SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN	2024-expected 2025
KATHERINE GRAHAM. [PH.D.]. EXPLORING WILDLIFE CONSERVATION ORGANIZATION PARTICIPATION TO INCREASE WILDLIFE CONSERVATION REVENUE AND SUPPORT. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN	2021-expected 2024
SARAH ULRICHSEN. [PH.D.]. ECONOMIC AND SOCIAL VALUATION OF RECREATIONAL FISHING ALONG AN URBAN-RURAL GRADIENT. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN	2020-expected 2024
ISRAT JAHAN. [PH.D.]. FRESHWATER FISH GUT MICROBIOME: STRESS MEDIATION OF HOST. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN. [CO-ADVISED WITH DR. MARK PEGG]	2020-expected 2025
CORRIN WINTER. [M.S.]. UNDERSTANDING THE FACTORS AFFECTING NEBRASKAN FARMERS' AND LANDOWNERS' DECISION TO ADOPT PRECISION AGRICULTURAL TECHNOLOGIES AND PROGRAMS. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN. [CO-ADVISED WITH DR. ANDY LITTLE]	2020-2023
DANIEL MORALES. [M.S.]. THE PERCEPTION OF NATURAL RESOURCE MANAGEMENT IN NEBRASKA: EFFORTS FOR CROSS-BOUNDARY COLLABORATIVE MANAGEMENT. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN. [CO-ADVISED WITH DR. CRAIG ALLEN]	2020-2023
MORGAN REGISTER. [M.S.]. UNDERSTANDING CONSERVATION SPECIALISTS' ROLE IN THE ADOPTION OF PRECISION OF AGRICULTURE IN NEBRASKA. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN. [CO-ADVISED WITH DR. ANDY LITTLE]	2020-2022
IRIS MCFARLIN. [M.S.]. UNDERSTANDING AND CONTEXTUALIZING FORAGING AMONG RECREATIONAL OPPORTUNITIES IN THE NORTH CENTRAL UNITED STATES. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN. [CO-ADVISED WITH DR. JENNY DAUER]	2019-2021

KATHERINE GRAHAM. [M.S.]. MODELING WATERFOWL HUNTER AND DUCKS UNLIMITED MEMBER BEHAVIOR USING MARK RECAPTURE METHODS. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN	2017–2019
MATTHEW HINRICHS. [M.S.]. INFLUENCES ON WATERFOWL HUNTING PARTICIPATION. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN	2017–2019
NATHANIEL PRICE. [POSTDOC]. COMPREHENSIVE EVALUATION OF THE NEBRASKA SPORTSPERSON. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN	2016–2019
ALISHA GRAMS. [M.S.]. MOTIVATIONS, SPECIALIZATIONS, IDENTITIES AND CONSTRAINTS ASSOCIATED WITH HUNTING IN NEBRASKA. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN	2016–2018
ALEXIS FEDELE. [M.S.]. INFLUENCES OF CATCH-AND-RELEASE ANGLING ON FISH AVOIDANCE BEHAVIOR. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN	2015–2017
NATHNIEL STEWART. [M.S.]. WHITE PERCH DISTRIBUTION AND POPULATION CHARACTERISTICS IN TWO FLOOD CONTROL RESERVOIRS, ONE WITH GIZZARD SHAD AND ONE WITHOUT. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA-LINCOLN. [CO-ADVISED WITH DR. KEVIN POPE]	2013–2015

## GRADUATE STUDENT COMMITTEE SERVICE

KYLE DOUGHERTY. [PH.D.]. MOUNTAIN LION DISTRIBUTION IN CALIFORNIA. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	<i>expected 2025</i>
FAN YANG. [M.S.]. MICROBIAL DIFFERENCE AND DIET INFLUENCE ON ALTERED AND UNALTERED DIGESTIVE TRACT. FOOD SCIENCE AND TECHNOLOGY, UNIVERSITY OF NEBRASKA-LINCOLN	2023
KYLE HANSEN. [M.S.]. UNDERSTANDING AVIDITIES OF RECREATIONAL ACTIVITIES FOR PEOPLE POSSESSING FISHIGN LICENSES AND RESIDING IN URBAN ENVIRONMENTS. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2023
CAROLINE LAPLANTE. [M.S.]. THE INFLUENCE OF INVASIVE SPECIES ON FISHERS SATISFACTIONS. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2023
ANNI POETZL. [M.S.]. THE NORTH PLATTE RIVER VALLEY: THE INTERSECTIONALITY BETWEEN WATER QUALITY AND PEOPLE. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2022
BRANDON BARLOW. [M.S.]. DEMOGRAPHIC GROUPS DIFFER IN URBAN RECREATIONAL BEHAVIOR. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2022
QUINTIN DEAN. [M.S.]. POPULATION CHARACTERISTICS AND MOVEMENT OF BLUE CATFISH IN THE KANSAS RIVER. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2020
JACOB WERNER. [M.S.]. POPULATION DEMOGRAPHICS, DISTRIBUTION, AND ENVIRONMENTAL HISTORY OF ASIAN CARP IN A GREAT PLAINS RIVER. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2020
ALEX ENGEL. [M.S.]. IN HOT WATER: INFLUENCE OF MULTIPLE STRESSORS ON THERMAL TOLERANCE OF FATHEAD MINNOWS PIMEPHALES PROMELAS. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2020
AMANDA LIPINSKI. [PH.D.]. LAND USE, IMMUNE FUNCTION, AND STRESS UNDER UNPREDICTABLE WINTER WEATHER CONDITIONS.. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2019
NICHOLAS COLE. [PH.D.]. HETEROGENEITY OF PREFERENCES AND VALUES OF CONSUMPTIVE OUTDOOR-RECREATION PARTICIPANTS. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2018
LYNDSIE WSZOLA. [M.S.]. HEN PHEASANT HABITAT DECISIONS IN RESPONSE TO RECREATIONAL HUNTING. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2017
BRANDON HARMON. [M.S.]. SPATIAL DISTRIBUTION OF ANGLER USE AND CATCH IN A RESERVOIR. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2017
NATHAN BIEBER. [M.S.]. OTTER DISTRIBUTION IN NEBRASKA. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2017
LINDSEY MESSINGER. [M.S.]. HABITAT AND SITE SELECTION OF PHEASANTS AND THEIR HUNTERS DURING THE HUNTING SEASON. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2015
CHRISTINE WEBBER. [M.S.]. COMBATING EUTROPHICATION: AN ECOSYSTEM SCALE ANALYSIS OF ALUMINUM SULFATE (ALUM) EFFECTIVENESS AMONG LAKES, WITH COMPARISON TO ALUM AND BIOMANIPULATION DUAL TREATMENT. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2014


LUCAS KOWALEWSKI. [M.S.]. INFLUENCE OF SAMPLING DESIGN ON ACCURACY AND PRECISION OF POPULATION ESTIMATES DERIVED FROM POINT-COUNT METHOD. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2014
ROBERT KILL. [M.S.]. A POPULATION MODEL FOR WALLEYE IN NEBRASKA IRRIGATION RESERVOIRS. SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF NEBRASKA	2013

## UNDERGRADUATE STUDENT MENTORSHIP

KIANNA HRABEN. POSITIVE SENTIMENTS ABOUT ZOOS AND THEIR CONSERVATION EFFORTS CHANGE OVER TIME. [CABELA'S APPRENTICESHIP MENTOR]	2022
LAUREL NELSON. NEGATIVE SENTIMENTS ABOUT ZOOS AND THEIR CONSERVATION EFFORTS CHANGE OVER TIME. [CABELA'S APPRENTICESHIP MENTOR]	2022
JACEY SKODA. THE FERAL CATS OF UNL. [HONOR'S THESIS ADVISOR]	2022
BEN BRESKE. SOCIAL FACTORS INFLUENCING THE PREVENTION OF A ZEBRA MUSSEL INVASION AT A SOUTH DAKOTA LAKE_. [SENIOR THESIS ADVISOR]	2022
KELLY HUDDLESTON. EXAMINING THE EFFECTS OF LAND USE ON NUTRIENT CONCENTRATIONS IN NEBRASKA LAKES. [THESIS READER]	2020
MANDY KOEHLER. FUTURE IMPLICATIONS OF EXTREME HEAT ON PUBLIC HEALTH FOR THOSE LIVING IN LINCOLN, NEBRASKA. [THESIS READER]	2020
JACOB HARVEY. MOTIVATIONS OF FUR TRAPPERS IN NEBRASKA. [CABELA'S APPRENTICESHIP MENTOR]	2019
MADELEINE SCHWINGHAMMER. THE EFFECT OF STRESS LEVELS DECREASING, DUE TO NATURE EXPOSURE, ON AN INDIVIDUAL'S NATURE APPRECIATION. [THESIS READER]	2017

## Publications

### METRICS

- Peer-reviewed publications: 73 lifetime and 28 since 2020.
- Citation history: 1,284 lifetime and 229 citations on manuscripts published since 2020.
-  H-index: 20 and 40 i-10 index.

### PEER-REVIEWED MANUSCRIPTS SINCE 2020

1. Gruntorad, M. P., Vrtiska, M. P., Murano, R. J., Garrick, M. J., & Chizinski, C. J. (2023). Duck identification and regulation preferences among waterfowl hunters: A pre-assessment of the tier II bag limit. *Human Dimensions of Wildlife*, 1, 1–10.
2. Gruntorad, M. P., Vrtiska, M., Garrick, M., & Chizinski, C. J. (2023). Taking matters into their own hands: Effects of effort and success on duck hunter satisfaction. *Human Dimensions of Wildlife*, 1, 1–12.
3. Hinrichs, M. P., Nawrocki, J., Gruntorad, M. P., Vrtiska, M. P., & Pegg, M. A. (2023). An examination of scenarios to increase waterfowl hunting participation. *Wildlife Society Bulletin*, e, 1490.
4. Hinrichs, M. P., Vrtiska, M. P., Gruntorad, M. P., & Chizinski, C. J. (2023). Strangers in the blind: Identifying appropriate mentees and mentors for waterfowl hunter recruitment. *Journal of Fish and Wildlife Management*, <https://doi.org/10.3996/JFWM-23-012>.
5. Kane, D. S., Pope, K. L., Koupal, K. D., Pegg, M. A., Chizinski, C. J., & Kaemingk, M. A. (2023). Waterbody size predicts bank-and boat-angler efforts. *Fisheries Research*, 267.
6. Melstrom, R. T., Kaemingk, M. A., Cole, N. W., Whitehead, J. C., & Chizinski, C. J. (2023). Valuing angling on reservoirs using benefit transfer. *North American Journal of Fisheries Management*, 43(2), 400–416.
7. Chizinski, C. J., Gruntorad, M. P., Lusk, J. J., Meduna, L. R., & Inselman, W. M. (2022). The influence of the COVID-19 pandemic on spring turkey hunting. *The Journal of Wildlife Management*, 86(3).
8. Darugna, O. A., Chizinski, C. J., Pope, K. L., Powell, L. A., & Kaemingk, M. A. (2022). Visualizing social-ecological intensities for management of recreation visitors in a multiuse system. *Journal of Environmental Management*, 304.
9. Darugna, O. A., Kaemingk, M. A., Chizinski, C. J., & Pope, K. L. (2022). Heterogeneity of recreationists in a park and protected area. *Plos One*, 17(5).
10. Gruntorad, M. P., & Chizinski, C. J. (2022). Perceived and experienced constraint negotiation: Do first-time elk hunters know what they are in for? *Wildlife Society Bulletin*, 46(4).

11. Kaemingk, M. A., Arlinghaus, R., Birdsong, M. H., Chizinski, C. J., & Lyach, R. (2022). Matching of resource use and investment according to waterbody size in recreational fisheries. *Fisheries Research*, 254.
12. Kane, D. S., Pope, K. L., Koupal, K. D., Pegg, M. A., Chizinski, C. J., & Kaemingk, M. A. (2022). Natural resource system size can be used for managing recreational use. *Ecological Indicators*, 145.
13. Wszola, L. S., Feiner, Z. S., Chizinski, C. J., Poletto, J. B., & DeLong, J. P. (2022). Fishing regulations, sexual dimorphism, and the life history of harvest. *Canadian Journal of Fisheries and Aquatic Sciences*, 79(9), 1435–1446.
14. Gruntorad, M. P., Graham, K. A., Arcilla, N., & Chizinski, C. J. (2021). Is hay for the birds? Investigating landowner willingness to time hay harvests for grassland bird conservation. *Animals*, 11(4).
15. Hinrichs, M. P., Gruntorad, M. P., Nawrocki, J. A., Vrtiska, M. P., & Pegg, M. A. (2021). Constraints to waterfowl hunting by hunters and anglers in the central united states. *Wildlife Society Bulletin*, 45(4), 638–646.
16. Hinrichs, M. P., Vrtiska, M. P., Pegg, M. A., & Chizinski, C. J. (2021). Motivations to participate in hunting and angling: A comparison among preferred activities and state of residence. *Human Dimensions of Wildlife*, 26(6), 576–595.
17. Kaemingk, M. A., Bender, C. N., Chizinski, C. J., Bunch, A. J., & Pope, K. L. (2021). Temporal invariance of social-ecological catchments. *Ecological Applications*, 31(2).
18. Larson, L. R., Peterson, M. N., Furstenberg, R. V., Vayer, V. R., Lee, K. J., & Choi, D. Y. (2021). The future of wildlife conservation funding: What options do US college students support? *Conservation Science and Practice*, 3(10).
19. Vayer, V. R., Larson, L. R., Peterson, M. N., Lee, K. J., Von Furstenberg, R., & Choi, D. Y. (2021). Diverse university students across the united states reveal promising pathways to hunter recruitment and retention. *The Journal of Wildlife Management*, 85(5), 1017–1030.
20. Gruntorad, M. P., & Chizinski, C. J. (2020). Constraints to hunting and harvesting elk in a landscape dominated by private land. *Wildlife Biology*, 2020(1), 1–9.
21. Gruntorad, M. P., Lusk, J. J., Vrtiska, M. P., & Chizinski, C. J. (2020). Identifying factors influencing hunter satisfaction across hunting activities in nebraska. *Human Dimensions of Wildlife*, 25(3), 215–231.
22. Hinrichs, M. P., Price, N. B., Gruntorad, M. P., Pope, K. L., Fontaine, J. J., & Chizinski, C. J. (2020). Understanding sportsperson retention and reactivation through license purchasing behavior. *Wildlife Society Bulletin*, 44(2), 383–390.
23. Jedd, T. M., Hayes, M. J., Carrillo, C. M., Haigh, T., Chizinski, C. J., & Swigart, J. (2020). Measuring park visitation vulnerability to climate extremes in US rockies national parks tourism. *Tourism in Changing Natural Environments*, 32, 32–57.
24. Kaemingk, M. A., Hurley, K. L., Chizinski, C. J., & Pope, K. L. (2020). Harvest–release decisions in recreational fisheries. *Canadian Journal of Fisheries and Aquatic Sciences*, 77(1), 194–201.
25. Kane, D. S., Kaemingk, M. A., Chizinski, C. J., & Pope, K. L. (2020). Spatial and temporal behavioral differences between angler-access types. *Fisheries Research*, 224.
26. Price, N. B., Chizinski, C. J., Fontaine, J. J., Pope, K. L., Rahe, M., & Rawlinson, J. (2020). An open-sourced, web-based application to improve our ability to understand hunter and angler purchasing behavior from license data. *Plos One*, 15(10).
27. Wszola, L. S., Gruber, L. F., Stuber, E. F., Messinger, L. N., & Chizinski, C. J. (2020). Use and expenditures on public access hunting lands. *Journal of Outdoor Recreation and Tourism*, 29.
28. Wszola, L. S., Madsen, A. E., Stuber, E. F., Chizinski, C. J., Lusk, J. J., & Taylor, J. S. (2020). Public access for pheasant hunters: Understanding an emerging need. *The Journal of Wildlife Management*, 84(1), 45–55.

## BOOKS AND BOOK CHAPTERS

1. Chizinski, C. J., & Wallen, K. A. (Eds.). (n.d.). *Human dimensions of fish and wildlife*, 3rd edition.
2. Pope, K. L., Chizinski, C. J., Lynch, A. L., & Post, J. R. (n.d.). Creel surveys. In C. S. Guy, B. Irwin, & T. Brenden (Eds.), *Analysis and interpretation of freshwater fisheries data*, 2nd edition (pp. XX–XX). American Fisheries Society.
3. Graham, K. A., Price, N. B., Jones, V. K., Fontaine, J. J., & Chizinski, C. J. (2021). Marketing and ecological models to predict permit purchasing behavior of sportspersons. In K. L. Pope & L. A. Powell (Eds.), *Harvest of fish and wildlife: New paradigms for sustainable management* (pp. 87–97). CRC Press.
4. Gruntorad, M. P., & Chizinski, C. J. (2021). Hunter and angler behavior in harvest management. In K. L. Pope & L. A. Powell (Eds.), *Harvest of fish and wildlife: New paradigms for sustainable management* (pp. 55–68). CRC Press.
5. Stuber, E. F., Chizinski, C. J., & Lusk, J. J. (2019). Multivariate models and analyses. In A. N. Tri, B. G. Marcot, & L. A. Brennan (Eds.), *Quantitative analyses in wildlife science* (pp. 32–62). John Hopkins University Press.

## Presentations

## METRICS

- Presentations: 116 lifetime and 10 since 2020.

## INVITED PRESENTATIONS

1. Chizinski, C. J., & Gruntorad, M. P. (2022). *Who's hunting turkeys in Nebraska? A walk through the numbers*. Midwest and Southeast Deer and Wild Turkey Meeting, Junction City, KS.
2. Chizinski, C. J. (2019). *Nebraska sportspersons customer research*. Nebraska Game and Park Commissioner Meeting, Nebraska City, NE.
3. Chizinski, C. J. (2018). *Learning about Nebraska sportspersons from license databases*. Nebraska Game and Park Commissioner Meeting, Columbus, NE.
4. Chizinski, C. J., Price, N., Hinrichs, M. P., Gruntorad, M. P., Pope, K. L., & Fontaine, J. J. (2018). *Better understanding sportspersons through license sales*. Sportsperson Summit, Nebraska City, NE.
5. Graham, K. A., Chizinski, C. J., & Vrtiska, M. (2018). *Waterfowl hunter "survival" in Nebraska*. Nebraska Game and Parks Wildlife Division Meeting, Gretna, NE.
6. Graham, K. A., Hinrichs, M. P., & Chizinski, C. J. (2018). *Barriers to hunting by female anglers*. Sportsperson Summit, Nebraska City, NE.
7. Chizinski, C. J., Vrtiska, M. P., & Decker, K. L. (2016). *Waterfowl hunter participation*. Mississippi Flyway Council, Louisville, Kentucky.
8. Pope, K. L., Fontaine, J. J., & Chizinski, C. J. (2016). *Managing ecosystem services for sportspersons while managing sportspersons for ecosystem services*. International Symposium on Society and Resource Management., Houghton, MI.
9. Bajer, P. B., Chizinski, C. J., Szela, T., Silbernagel, J., Osborne, J., & Sorensen, P. W. (2011). *Developing and applying integrated pest management for invasive common carp in a system of interconnected lakes in Minnesota*. 72nd Midwest Fish and Wildlife Meeting, Des Moines, IA.
10. Chizinski, C. J., Bajer, P. B., & Sorensen, P. W. (2011). *Spring spawning movements of the common carp and northern pike in Minnesota*. UNL's Water Center Spring Seminar Series, Lincoln, NE.
11. Huff, D., Miller, L. M., Chizinski, C. J., & Vondracek, B. (2011). *A simulated reciprocal transplant experiment: Local adaptation in reintroduced populations of a native North American fish*. 141st Annual Meeting of the American Fisheries Society, Seattle, WA.
12. Chizinski, C. J., Huber, C. G., & Pope, K. L. (2004). *Bioenergetics model for the Inland Silverside*. 134th Annual Meeting of the American Fisheries Society, Madison, WI.

## CONTRIBUTED PRESENTATIONS SINCE 2020

1. Chizinski, C. J., Graham, K. A., Gruntorad, M. P., & Vrtiska, M. P. (2022). *Using a decision tree approach to assess satisfaction attributes of waterfowl hunters in the United States*. Annual Meeting of the Wildlife Society, Spokane, WA.
2. Chizinski, C. J., & Gruntorad, M. P. (2022). *Cessation of mentors to waterfowl hunting*. Midwest Fish and Wildlife Conference, Overland Park, KS.
3. Chizinski, C. J., Gruntorad, M. P., & Hurley, K. L. (2022). *Fishing and hunting through the pandemic in Nebraska*. Midwest Fish and Wildlife Conference, Overland Park, KS.
4. Gruntorad, M. P., Vrtiska, M. P., Murano, R., Bushaw, J., & Chizinski, C. J. (2021). *Attitudes about the two-tier duck regulations by current Nebraska and South Dakota hunters*. Nebraska Chapter of The Wildlife Society, Kearney, NE.
5. Jahan, I., Chizinski, C. J., & Poletto, J. (2021). *Physiological response of fish exposed to acute thermal stresses*. Annual Meeting of the American Fisheries Society, Baltimore, MD.
6. Chizinski, C. J., Price, N. B., Pope, K. L., Rahe, M., & Rawlinson, J. (2020). *Development and application of an open-sourced dashboard to improve our understanding of wildlife recreationist*. Midwest Fish and Wildlife Conference, Des Moines, IA.
7. Graham, K. A., Hinrichs, M. P., Grams, A. S., & Chizinski, C. J. (2020). *Constraints to female anglers participating in hunting in Nebraska*. Midwest Fish and Wildlife Conference, Des Moines, IA.
8. Gruntorad, M. P., Vrtiska, M. P., & Chizinski, C. J. (2020). *Role of public land access in the Central Flyway*. Midwest Fish and Wildlife Conference, Des Moines, IA.
9. Harvey, J. G., Gruntorad, M. P., Wilson, S. P., & Chizinski, C. J. (2020). *Gaining a better understanding of Nebraska's fur trappers*. Midwest Fish and Wildlife Conference, Des Moines, IA.
10. McFarlin, I. I., & Chizinski, C. J. (2020). *Foraging for wild edibles in the upper Great Plains: A policy brief*. Midwest Fish and Wildlife Conference, Des Moines, IA.

## Honors and awards

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### Best paper award (Stewart et al.)

NEBRASKA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

2015

### Outstanding Postdoc Award

UNIVERSITY OF NEBRASKA-LINCOLN

2012

### Editors Choice Manuscript

FISHERIES MANAGEMENT AND ECOLOGY

2011

### Best professional paper award (Bajer et al.)

JOINT MEETING OF THE MINNESOTA CHAPTER OF THE AMERICAN FISHERIES SOCIETY AND WILDLIFE SOCIETY

2010

### Outstanding Fisheries Worker

TEXAS CHAPTER OF THE AMERICAN FISHERIES SOCIETY

2007

### Best Poster, Graduate Student Poster Competition

TEXAS TECH UNIVERSITY

2006

## Teaching

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### REGULARLY TAUGHT COURSES

#### HUMAN DIMENSIONS OF FISHERIES AND WILDLIFE MANAGEMENT (NRES 315)

Fall semesters

- Last year taught: 2023
- Enrollment last taught: 73
- Description: This undergraduate course is designed to introduce students with the basic concepts and ideas relevant in human dimension of natural resource management. This course is divided into three sections. The first section focuses on the foundation of human dimensions by introducing the student to the theories that underlie the field. The second section focuses on the methodological approaches in human dimensions research including survey design and analysis. The third section will focus on applications of human dimensions research into consumptive and non-consumptive aspects of fish and wildlife management, with attention to how the field continues to develop.

#### NATURAL RESOURCE POLICY (NRES 323)

Spring semesters

- Last year taught: 2024
- Enrollment last taught: 67
- Description: This course is designed for undergraduate students in a variety of majors, including natural resources, natural resource and environmental economics, and environmental studies. Students from other disciplines who have an interest in environmental and natural resource policy are also encouraged to take this course. As the human population, resource consumption, and land use pressure increase, the policies for management and protection become more important and more challenging. This course will introduce students to the political processes, participants, and programs involved in formulating natural resource policy in the United States.

#### SAMPLING, DATA MANAGEMENT AND VISUALIZATION (NRES 800)

Fall semesters

- Last year taught: 2023
- Enrollment last taught: 20
- Description: This graduate course is designed to introduce students to implement best practices for scientific computing. Practice with a scientific workflow from the design of the sampling scheme, through generation of the data in the field or lab, up to the point of analysis. Understand cognitive constraints on visualization. Use modern software tools to analyze and produce publication quality data visualizations.

#### COMPUTATIONAL HUMAN DIMENSIONS (NRES 898)

Spring semesters

- Last year taught: 2024
- Enrollment last taught: 7
- Description: Computational Social Science (CSS) is an interdisciplinary field that combines techniques from computer science, social science, and statistics to analyze social phenomena using large-scale data. Computational Human Dimensions uses processes and techniques in CSS to analyze human behavior in an environmental and conservation context. This course introduces students to the fundamental concepts, methods, and tools in computational social science. Students will gain hands-on experience in collecting, cleaning, analyzing, and visualizing social data, and will learn how to apply computational techniques to address social science research questions. The course will cover various topics such as social network analysis, text mining, machine learning, and simulation modeling

#### SPECIAL TOPICS: HOW DID THEY DO THAT? A GRADUATE SEMINAR IN DATA ANALYTICS USING R (NRES 898)

Spring semesters

- Last year taught: 2023
- Enrollment last taught: 7
- Description: This course will provide students with the skills to understand and adapt analytic techniques presented in peer-reviewed literature to their research. The course will focus on use of the R statistical language in applications relevant to ecology, biology, fisheries and wildlife, grasslands, forests, aquatic habitats, and human dimensions of natural resources. The topics covered are student driven. Emphasis will be placed on developing conceptual and practical understanding of how to apply statistical techniques with real-world data, checking assumptions, exploratory data analysis, presentation of results, and developing sound coding skills. A working knowledge (e.g., ability to read data in to R, data manipulation, graphing) of R is required.

### OTHER COURSES TAUGHT



- Applied Multivariate Analysis using R (NRES 898)
- Ecological Detective: Confronting Models with Data (NRES 898)
- Experimental Design and Analysis (NRES 898)
- Fisheries Science (NRES 463/898)
- Ecological Theory (NRES 898)
- Introduction to Agriculture and Natural Resources (NRES/AGRI 103)
- Introduction to Freshwater Ecology (RWFM 2305)

## WORKSHOPS AND SHORT COURSES

HUMAN DIMENSIONS 101: AN INTRODUCTION TO CONSERVATION SOCIAL SCIENCE FOR WILDLIFE BIOLOGISTS [ORGANIZER AND INSTRUCTOR]. THE WILDLIFE SOCIETY ANNUAL MEETING. LOUISVILLE, KY. • co-organizer with C. Hartel, E.M. Walberg, A. Warwick, K. Jewell, and L. Mengak	6 Nov 2023
HUMAN DIMENSIONS 101: AN INTRODUCTION TO CONSERVATION SOCIAL SCIENCE FOR WILDLIFE BIOLOGISTS [ORGANIZER AND INSTRUCTOR]. THE WILDLIFE SOCIETY ANNUAL MEETING. VIRTUAL. • co-organizer L. Mengak. H. Netherton, T.R. Stinchomb, E.M. Walberg, K. Jewell, R. Furone, E. Pomeranz, A. Warwick, M. Quartuch, A. Gramza, and L. Larson	1 Nov 2021
MOTORBOAT OPERATORS CERTIFICATION COURSE (MOCC) [INSTRUCTOR]. ALTERNATING LOCATIONS • This 24-hr course, required by federal employees and those supervised by those employees, reviews minimum requirements for safe operation of motorboats and includes a review of legal requirements, preparations, navigation, operations, emergency procedures, rescue, self-rescue, trailering, fire suppression, and basic seamanship. The course includes both classroom and on-the-water instruction.	2011-current
CREEL SURVEYS: DESIGNING COMPLEX SOLUTIONS TO SIMPLE QUESTIONS [ORGANIZER AND INSTRUCTOR]. 2020 SOUTHERN DIVISION OF THE AMERICAN FISHERIES SOCIETY AND CATFISH 2020 . LITTLE ROCK, AR • co-organizer with K. L. Hurley, K. L. Pope, and M. A. Kaemingk	20 Feb 2023
SPORTSPERSON SUMMIT [ORGANIZER]. NEBRASKA CITY, NE • co-organizer with K. L. Hurley, K. L. Pope, and J. J. Fontaine	31 Jul-1 Aug 2018
ASSESSING THE SOCIAL-ECOLOGICAL DYNAMICS THAT CONTRIBUTE TO ECOSYSTEM HEALTH AND WATERSHED RESOURCE MANAGEMENT IN NEBRASKA. COLLABORATIVE WATERSHED WORKSHOP [ORGANIZER]. LINCOLN, NE • co-organized with K. L. Hurley, K. L. Pope, and J. J. Fontaine	6 Mar 2018
USING R FOR DATA WRANGLING AND GRAPHICS WITH FISHERIES DATA [INSTRUCTOR]. MIDWEST FISH AND WILDLIFE MEETING. LINCOLN, NE	5 Feb 2017
USING R FOR DATA WRANGLING AND GRAPHICS [ORGANIZER AND INSTRUCTOR]. ANNUAL MEETING OF THE ORGANIZATION OF FISH AND WILDLIFE INFORMATION MANAGERS (OFWIM). PONCA, NE	6 Oct 2013
AT THE WATER'S EDGE: CURRENT STATE OF RIPARIAN FOREST MANAGEMENT RESEARCH IN MINNESOTA [ORGANIZER AND INSTRUCTOR]. RIPARIAN SCIENCE TECHNICAL COMMITTEE AND UNIVERSITY OF MINNESOTA, GRAND RAPIDS, MINNESOTA • co-organized with C. Blinn, B. Vondracek, and co-instructed with C. Blinn, B. Vondracek, B. Palik, R. Kolka, D. Desotelle, and A Peterson	20-22 May 2008

## Service

### REVIEW AND EDITORIAL SERVICE

#### Associate Editor

HUMAN DIMENSIONS OF WILDLIFE 2023–current

#### Editorial Advisory Board

THE WILDLIFE PROFESSIONAL 2020–2022

#### Associate Editor

NORTH AMERICAN JOURNAL OF FISHERIES MANAGEMENT 2015–2021

### JOURNAL REVIEWER

• Biological Invasions • Canadian Journal of Fisheries and Aquatic Sciences • Ecological Applications • Ecological Economics • Ecology of Freshwater Fish • Environmental Challenges • Fisheries Research • Fishery Bulletin • Forest Ecology and Management • Human Dimensions of Wildlife • Hydrobiologia • Ichthyological Research • Journal of Field Ornithology • Journal of Outdoor Recreation and Tourism • Journal of Wildlife Management • Marine and



Coastal Fisheries • Marine Environmental Research • North American Journal of Fisheries Management • Oecologia • Oikos • Proceedings of the Southeastern Association of Fish and Game Agencies • Society and Natural Resources • Transactions of the American Fisheries Society • Wildlife Society Bulletin •

## EXTERNAL REVIEWER

### Faculty Promotion Review

ILLINOIS NATURAL HISTORY SURVEY

2020

### Research Proposal Review

MITACS [CANADA]

2020

### Research Proposal Review

MITACS [CANADA]

2019

### Research Proposal Review

NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL (NSERC) STRATEGIC PROJECT GRANTS PROPOSAL [CANADA]

2017

### Research Proposal Review

NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL (NSERC) STRATEGIC PROJECT GRANTS PROPOSAL [CANADA]

2016

### Technical Reviewer

TYPE-N HARDROCK STUDY, WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES

2015

## UNIVERSITY SERVICE

### Chair

GRADUATE COMMITTEE, SCHOOL OF NATURAL RESOURCES

2023–current

### Member

FACULTY SENATE

2022–current

### Member

CASNR TLIC

2022–current

### FWL Undergraduate Coordinator

SCHOOL OF NATURAL RESOURCES

2019–current

### Member

PRESIDENT'S SUSTAINABILITY COUNCIL

2022–2023

### Faculty lead

SCHOOL OF NATURAL RESOURCES

2019–2023

### Board of Governors

CENTER FOR GREAT PLAINS STUDIES

2018–2021

### Search Committee for Director

CENTER FOR GREAT PLAINS STUDIES

2020

### Chair

FALL SEMINAR COMMITTEE, SCHOOL OF NATURAL RESOURCES

2018–2020

### Member

FALL SEMINAR COMMITTEE, SCHOOL OF NATURAL RESOURCES

2015–2018

### Member

STUDENT EVENTS SUBCOMMITTEE FOR THE MIDWEST FISH AND WILDLIFE CONFERENCE

2016–2017

### Search Committee for Research Assistant Professor in Fisheries

SCHOOL OF NATURAL RESOURCES

2015

### Chair

UNL POSTDOC ADVISORY COUNCIL

Fall 2013

### Vice Chair

UNL POSTDOC ADVISORY COUNCIL

Spring 2013

**Member**

NEWSLETTER COMMITTEE, THE UNL POSTDOC PERSPECTIVE

2011–2013

**Secretary**

UNL POSTDOC ADVISORY COUNCIL

2012