

BRETT MICHAEL JOHNSON

7 March 2023

CONTACT INFORMATION

Department of Fish, Wildlife and Conservation Biology

1474 Campus Delivery, Colorado State University, Fort Collins, CO 80523-1474

Office: (970) 491-5002, Cell: (970) 443-7596

Email: brett.johnson@colostate.edu, Web: <https://sites.warnercnr.colostate.edu/brettj/>

EDUCATION

Ph.D. 1993. Zoology. University of Wisconsin, Madison, WI

M.S. 1986. Zoology. The Ohio State University, Columbus, OH

B.S. 1983. Zoology. University of Wisconsin, Madison, WI

APPOINTMENTS

2004-2023 Professor, Department of Fish, Wildlife and Conservation Biology, and Graduate Degree Program in Ecology, Colorado State University

2020 Teaching Faculty, Semester at Sea, Colorado State University (Spring 2020 Voyage)

2007 Visiting Professor, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany

1998-2004 Associate Professor, Department of Fishery and Wildlife Biology, and Graduate Degree Program in Ecology, Colorado State University

1992-1998 Assistant Professor, Department of Fishery and Wildlife Biology, and Graduate Degree Program in Ecology, Colorado State University

1987-1992 Fisheries Manager, Wisconsin Department of Natural Resources

1986-1987 Research Associate, University of Wisconsin – Stevens Point

RESEARCH INTERESTS

Conservation and management of aquatic ecosystems; food webs; fishery management; limnology; contaminants and water quality; introduced species; reservoir ecology and management.

AWARDS AND HONORS

2023 Award of Excellence. Colorado-Wyoming Chapter, American Fisheries Society (AFS)

2021 Editor's Choice, Canadian Journal of Fisheries and Aquatic Sciences (Farrell et al. 2021)

2014 Outstanding Mentor Award. Colorado-Wyoming Chapter, American Fisheries Society (AFS)

2012 Best Article Nominee. Lake and Reservoir Management (Johnson and Martinez 2012)

2006 Award of Excellence. Study Sphere (Electronic Fish ID Flashcards)

2006 Best Professional Paper. Colorado-Wyoming Chapter, AFS

2005 Provost's N. Preston Davis Award for Instructional Innovation. Colorado State University

2002 Certified Fisheries Professional. American Fisheries Society

2001 Most Significant Paper. North American Journal of Fisheries Management

2001 Favorite Professor. College Student Council, Dept. of Fishery & Wildlife Biology, CSU

1999 Interdisciplinary Water Research Award. The Water Center, CSU

1998 Certificate of Appreciation. Colorado-Wyoming and Bonneville Chapters of the AFS

1997 Best Poster. Colorado-Wyoming Chapter, AFS

1997 Investing in Instruction Grant. Office of Instructional Services, CSU

1996 Faculty Development Grant. College of Natural Resources, CSU

1996 Investing in Instruction Grant. Office of Instructional Services, CSU

1993 Faculty Development Grant. College of Natural Resources, CSU

1992 Best Student Poster (coauthor). North American Lake Management Society

1990 Best Student Paper, Honorable Mention, Midwest Fish and Wildlife Conference

- 1989 Southern District Fish Manager of the Year. Wisconsin Department of Natural Resources
1989 Best Student Paper. Midwest Fish and Wildlife Conference
1987 Best Paper. Midwest Fish and Wildlife Conference
1985 Best Student Paper. National Meeting, American Fisheries Society
1985 Tuition Scholarship. Hydroacoustics Short Course, BioSonics, Inc., Seattle, WA

SERVICE

University

FWCB CCA Mentoring and Reappointment Committee

CHAIR: 2022

FWCB Mentoring and Reappointment Committee

CHAIR: 2010, 2012, 2014, 2017, 2020-21, 2021-2022

MEMBER: 2005, 2007-2009, 2011, 2013, 2015, 2016, 2018, 2019

FWCB Tenure and Promotion Committee

CHAIR: 2021, 2022

FWCB Scholarship Committee

CHAIR: 2014-2017

MEMBER: 1995-2003, 2010-2011, 2018-2023

FWCB Curriculum Committee

MEMBER: 1999, 2020, 2021, 2022, 2023

FWCB Search Committees

CHAIR: 2021 (ASC search)

CHAIR: 2016 (faculty position in stream fish conservation ecology)

MEMBER: 2018 (advisor/instructor faculty position)

MEMBER: 2009 (FW300/301 instructor position)

MEMBER: 2002 (wildlife biology faculty position)

MEMBER: 1999 (fish culture/fish biology faculty position)

FWCB Committee on Outcomes Assessment

CHAIR: 2003-2010; plan was cited for numerous "Best Practices"

FWCB Fisheries and Aquatic Sciences Concentration or Major

CHAIR: 2001-2007, 2011-2012

FWCB Graduate Affairs Committee

CHAIR: 2005

MEMBER: 1995-2007

FWCB CCHE Program of Excellence Committee

Member: 1997-2000

FWCB Webmaster

CHAIR: 1996-2003

WCNR Curriculum Committee

MEMBER: 2020-2022

University Discipline Appeals Board

MEMBER: 2015-2021

University Academic Misconduct Review Committee

MEMBER: 2020, 2021

WCNR Scholarship Committee

MEMBER: 1997-1998; 2014-2017

Faculty Advisor: CSU Fly Fishing Club: 2016-2022

University Distinguished Professors Scholarship committee

MEMBER: 2018

University Committee on Instructional Development

MEMBER: 1995-1997

Executive Committee Graduate Degree Program in Ecology: 1995-1996

Professional

External reviewer for tenure and promotion: University of Florida, Kansas State University, Michigan State University, Oregon State University, University of Nevada-Reno, South Dakota State University, Southern Illinois University, University of Washington, Washington State University.

Invited technical expert: Water quality, food webs- Northern Water Conservancy District (2014-2015); Walleye management- Cherry Creek Basin Water Quality Authority (2013-2015); fish predation- Sacramento-San Joaquin River Delta Predation State of Science Panel, Delta Science Program and California Department of Fish and Wildlife (2013); recreational fisheries management- Food and Agriculture Organization of the United Nations (2010-2012); Glen Canyon Dam Temperature Control Device Risk Analysis Review Panel (chair), U.S. Bureau of Reclamation, Denver, CO (2011); Gunnison River Temperature Modeling Study, Upper Colorado River; Science Plan, Grand Canyon Monitoring & Research Center, Flagstaff, AZ (1999); Glen Canyon Dam Modification Environmental Assessment, U.S. Bureau of Reclamation, Denver, CO (1999).

Scientific advisor: Emerging Young Research Group on Social-Ecology of Fisheries Research (Besatzfisch-Project, Berlin, Germany, 2011-2014); World Recreational Fishing Conference, Campinas, Brazil (2014); World Recreational Fishing Conference, Berlin, Germany (2011)

Associate editor: North American Journal of Fisheries Management (1998-1999)

Peer reviewer (research proposals): Alaska Sea Grant, California Department of Fish and Wildlife, Cooperative Marine Education and Research Program, Great Lakes Fishery Commission, National Science Foundation, Natural Sciences and Engineering Research Council of Canada, Nevada Agricultural Experiment Station, U.S. Civilian Research & Development Foundation for the Independent States of the Former Soviet Union, Wisconsin Sea Grant.

Peer reviewer (journal articles): Annales Zoologici Fennici, Archiv für Hydrobiologie, Biological Invasions Records, Canadian Journal of Fisheries and Aquatic Sciences, Ecological Applications, Ecology of Freshwater Fish, Fish and Fisheries, Fisheries, Fisheries Management and Ecology, Food Webs, Hydrobiologia, Journal of Environmental Management, Journal of Fish Biology, Journal of Great Lakes Research, Journal of Plankton Research, Lake and Reservoir Management, North American Journal of Fisheries Management, Southwestern Naturalist, Transactions of the American Fisheries Society.

Committee chair: Continuing Education Committee, CO-WY American Fisheries Society (2004-2005, 2006-2007); Education Subcommittee, Board of Professional Certification Board, American Fisheries Society (2003-2004); AFS Web Advisory Board, American Fisheries Society (1998-2000); Megatrends Session (co-chair): CO/WY American Fisheries Society annual meeting, Laramie, WY (1993).

Committee member: Illegal Stocking Task Force (founding member), CO-WY Chapter American Fisheries Society (2007-2010); Education Subcommittee, Board of Professional Certification, American Fisheries Society (2001-2002); Eugene Maughan Graduate Student Scholarship Committee, Western Division, American Fisheries Society (1998 – 2003); Excellence in Fisheries Education Committee: American Fisheries Society (1998 – 2001); Continuing Education Committee, CO-WY Chapter American Fisheries Society (2005-2006)

Hiring panelist: Aquatic Wildlife Researcher examination, CO Division of Wildlife (2007); Wildlife Manager III examination, CO Division of Wildlife (2005).

Liaison: CO-WY American Fisheries Society, CO-WY AFS Memorial Scholarship (2003 – 2016)

Presentation awards judge: variety of regional and national meetings (1994, 1995, 1996, 1997, 1998, 1999, 2010, 2011, 2018, 2019).

PROFESSIONAL ORGANIZATIONS

American Fisheries Society
 Colorado Lake and Reservoir Management Association
 Freshwaters Illustrated
 International Association for Open Knowledge on Invasive Alien Species
 Nature Conservancy
 North American Lake Management Society
 Trout Unlimited
 Union of Concerned Scientists

TEACHING EXPERIENCE

University courses

1992-2023 **Fishery Science** (FW 401, 3 credits): Theory, philosophy, and applications for study and management of fish and fishery resources.

1994-2023 **Biology and Diversity of Fishes** (FW 300, formerly Ichthyology, 2 credits): Anatomy, taxonomy, evolution, physiology, ecology, zoogeography and conservation of fishes.
Ichthyology Laboratory (FW 301, 2 credits until 2012 then 1 credit): Anatomy, taxonomy and ecology of North American freshwater fishes

2021 **Graduate-Faculty Seminar** (FW492/FW692, 1 credit): weekly topical seminar

2020 **Environmental Conservation** (NR 120, 3 credits; Semester at Sea, Institute for Shipboard Education): environmental issues around the world and conservation solutions.

2007-2022 **Supervised College Teaching** (FW 684, 1-3 credits): supervised and mentored more than 20 graduate teaching assistants since 2007

1994-2022 **Supervised College Teaching** (FW 384, 1-2 credits): supervised and mentored more than 50 undergraduate teaching assistants helping with Ichthyology Laboratory since 1994

2018-2022 **Internship** (FW487, 1 credit): mentoring and overseeing undergraduate work experience internships

1994-2022 **Guest lectures and optional field trips** (>75): Introduction to Wildlife Biology (FW 100, FWCC 104), Environmental Conservation (NR 120), First Year Seminar (FW180), Wildlife Conservation (FW 200), Ecology (BY 220), Ichthyology (FW 300), Wild Vertebrate Management (FW360), Fish Ecology (FW 400), Sustainability of Natural Resources (NR 425), Nonpoint Source Pollution (CB 405), Community and Ecosystem Ecology (EY 501), Surface Water Quality Modeling (CE 581), Population and Community Ecology (EY 600), Graduate Orientation Seminar (FW 696).

1995, 2002 **Fisheries Ecology** (FW 540, 3 credits; team taught): Population, community and ecosystem management of fishes and other aquatic organisms in freshwater habitats.

2001 **First Year Seminar** (FW 192, 2 credits): Lead instructor for a course designed to introduce new students to university life and Fishery Biology and Wildlife Biology majors.

1996-2005 **Graduate Seminars** (FW 561AV, EY 592; team taught): Conservation Genetics, Regulated Rivers, Experimentation in Ecology, Trophic Ecology

Workshops

1994-2019 **Wildlife Management Short Course**, presenter, Colorado State University

2015 **Buffalo Bill Reservoir Predation Modeling Workshop**, instructor, Wyoming Game and Fish Department, Lander, WY.

2003 **New Approaches to Reservoir Research and Management**, co-instructor, Colorado-Wyoming and Bonneville Chapters, American Fisheries Society, Grand Junction, CO

1999 **Zooplankton Essentials for Fish Biologists**, co-instructor, Colorado-Wyoming Chapter, American Fisheries Society, Fort Collins, CO

1998 **New Approaches to Reservoir Research and Management**, co-instructor, Colorado-Wyoming

- and Bonneville Chapters, American Fisheries Society, Grand Junction, CO
- 1998 **USA-ROC Wildlife Conservation Workshop**, presenter, National Taiwan University, Taipei, Taiwan
- 1994 **Fish Abundance Estimation**, co-instructor, Colorado Division of Wildlife, Wyoming Game and Fish, CSU Pingree Park Campus, CO
- 1989-1992 **Bioenergetics Modeling**, co-instructor, Colorado Division of Wildlife, Wyoming Game and Fish, University of Wyoming, Ft. Collins, CO; co-instructor Wisconsin Department of Natural Resources, Madison, WI; Massachusetts Department of Natural Resources and University of Massachusetts, Amherst, MA; South Dakota State University, Brookings, SD; Minnesota AFS and Department of Natural Resources, Bemidji, MN
- 1989 **Graphics software and slide production**, instructor, Wisconsin Dept. of Natural Resources, Madison, WI

SCIENTIFIC PUBLICATIONS (*students and postdocs italicized*)

- Woodling, J., and **B. M. Johnson**. In review. Family Ictaluridae. Fishes of Colorado, Colorado Parks and Wildlife, Denver.
- Johnson, B. M.**, and J. Woodling. In review. Family Centrarchidae. Fishes of Colorado, Colorado Parks and Wildlife, Denver.
- Johnson, B. M.** In Review. Family Esocidae. Fishes of Colorado, Colorado Parks and Wildlife, Denver.
- Woodling, J., and **B. M. Johnson**. In review. Family Salmonidae. Fishes of Colorado, Colorado Parks and Wildlife, Denver.
- Woodling, J., and **B. M. Johnson**. In review. Family Percidae. Fishes of Colorado, Colorado Parks and Wildlife, Denver.
- Johnson, B. M.**, and J. Woodling. In review. Family Moronidae. Fishes of Colorado, Colorado Parks and Wildlife, Denver.
- Johnson, B. M.**, and P. J. Martinez. In review. Lake Trout (*Salvelinus namaycush*, Walbaum). Fishes of Colorado, Colorado Parks and Wildlife, Denver.
- Johnson, B. M.**, and P. J. Martinez. In review. Kokanee (*Oncorhynchus nerka*, Walbaum). Fishes of Colorado, Colorado Parks and Wildlife, Denver.
- Woodling, J., and **B. M. Johnson**. In review. Arctic Char (*Salvelinus alpinus*, L.). Fishes of Colorado, Colorado Parks and Wildlife, Denver.
- Farrell, C. J., B. M. Johnson, A. G. Hansen, M. M. Brandt, and C. A. Myrick*. In prep. Relative performance of young-of-year and yearling triploid Walleye. North American Journal of Fisheries Management
- Farrell, C. J., B. M. Johnson, A. G. Hansen, B. W. Avila, and C. A. Myrick*. In prep. Does reproduction cause growth deceleration? Growth comparisons between diploid and triploid Walleye address a long-standing debate. Canadian Journal of Fisheries and Aquatic Sciences
- Lepak, J.M., **B.M. Johnson**, M.B. Hooten, B.A. Wolff, and A.G. Hansen. In review. Predicting sport fish mercury contamination in heavily managed reservoirs: Implications for human and ecological health. PLOS One (revision submitted 12/22).
- (76) *Farrell, C. J., B. M. Johnson, A. G. Hansen, C. A. Myrick, E. C. Anderson, T. A. Delomas, A. D. Schreier, and J. P. Eenennaam*. 2022. Cytological and molecular approaches for ploidy determination: results from a wild Walleye population. North American Journal of Fisheries Management 42:849–856.

- (75) *Farrell, C. J., Johnson, B. M., A. G. Hansen, and C. A. Myrick. 2022. Induced triploidy reduces mercury bioaccumulation in a piscivorous fish. Canadian Journal of Fisheries and Aquatic Sciences 79:200-212.*
- (74) *Fitzpatrick, R. M., D. L. Winkelman, and B. M. Johnson. 2021. Using elemental and isotopic data to evaluate Esox lucius (Linnaeus, 1758) natal origins in a hydrologically complex river. Fishes 6(4), 67; <https://doi.org/10.3390/fishes6040067>*
- (73) *Christianson, K. R., and B. M. Johnson. 2020. Combined effects of early snowmelt and climate warming on mountain lake temperatures and fish energetics. Arctic, Antarctic and Alpine Research 52:130-145. doi.org/10.1080/15230430.2020.1741199*
- (72) *Christianson, K. R., B. M. Johnson, and M. B. Hooten. 2020. Compound effects of water clarity, inflow, wind and climate warming on mountain lake thermal regimes. Aquatic Sciences. doi.org/10.1007/s00027-019-0676-6.*
- (71) *Christianson, K. R., B. M. Johnson, M. B. Hooten and J. J. Roberts. 2019. Estimating lake–climate responses from sparse data: an application to high elevation lakes. Limnology and Oceanography. doi.org/10.1002/lno.11121*
- (70) *Hansen, A. G., J. S. Thompson, L. N. Hargis, D. Brauch, and B. M. Johnson. 2019. Predatory threat of introduced Yellow Perch in a salmonid dominated reservoir food web. North American Journal of Fisheries Management 39:172-190. doi.org/10.1002/nafm.10257*
- (69) *Johnson, B. M., W. M. Pate, and D. B. Silver. 2018. Invasion success and population characteristics of the opossum shrimp, Mysis diluviana, in Wyoming, USA. Aquatic Invasions 13:409-420. doi.org/10.3391/ai.2018.13.3.08*
- (68) *Johnson, B. M., W. M. Pate, and A. G. Hansen. 2017. Energy density and dry matter content in fish: new observations and an evaluation of some empirical models. Transactions of the American Fisheries Society 146: 1262-1278. doi.org/10.1080/00028487.2017.1360392*
- (67) *Johnson, C. F., B. M. Johnson, T. E. Neebling and J. C. Burckhardt. 2017. Walleye introduction eliminates predation refuge for adfluvial Cutthroat and Rainbow Trout. Transactions of the American Fisheries Society 146:252-267. doi.org/10.1080/00028487.2016.1254114*
- (66) *Wolff, B. A., B. M. Johnson and J. M. Lepak. 2017. Changes in sport fish mercury from food-web shifts suggest potential decoupling from atmospheric deposition in two Colorado reservoirs. Archives of Environmental Contamination and Toxicology 72:167-177. doi: 10.1007/s00244-016-0353-x*
- (65) *Arlinghaus, R., J. Alós, B. Beardmore, K. Daedlow, M. Dorow, M. Fujitani, D. Hühn, W. Haider, L. M. Hunt, B. M. Johnson, F. Johnston, T. Kleforth, S. Matsumura, C. Monk, T. Pagel, J. R. Post, T. Rapp, C. Riepe, H. Ward, and C. Wolter. 2017. Understanding and managing freshwater recreational fisheries as complex adaptive social-ecological systems. Reviews in Fisheries Science and Aquaculture 25:1-41. doi.org/10.1080/23308249.2016.1209160*
- (64) *Wolf, J. M., B. M. Johnson, D. B. Silver, W. M. Pate, and K. R. Christianson. 2016. Freezing and fractionation: effects of preservation on carbon and nitrogen stable isotope values of some limnetic organisms. Rapid Communications in Mass Spectrometry 30:562-568. doi.org/10.1002/rcm.7488*
- (63) *Silver, D. B., B. M. Johnson, W. M. Pate, K. R. Christianson, J. Tipton, J. Sherwood, B. Smith, and Y. Hao. 2016. Effect of net size on estimates of abundance, size, age, and sex ratio of Mysis diluviana. Journal of Great Lakes Research 42:731-737. doi.org/10.1016/j.jglr.2016.02.012*
- (62) *Cooke, S. J., R. Arlinghaus, B. M. Johnson, and I. G. Cowx. 2016. Recreational fisheries in inland waters. Pages 449-465 in J. F. Craig, editor. Freshwater fisheries ecology. Blackwell Science, UK.*
- (61) *Carim, K. J., K. R. Christianson, K. M. McKelvey, W. M. Pate, D. B. Silver, B. M. Johnson, B. T. Galloway, M. K. Young, and M. K. Schwartz. 2016. Environmental DNA marker development with sparse biological information: A*

case study on Opossum Shrimp (*Mysis diluviana*). PLoS ONE 11(8): e0161664. doi:10.1371/journal.pone.0161664

(60) Arlinghaus, R, K. Lorenzen, **B. M. Johnson**, S. J. Cooke, and I. G. Cowx. 2016. Management of freshwater fisheries: addressing habitat, people and fish. Pages 557-579 in J.F. Craig, editor. Freshwater fisheries ecology. Blackwell Science, UK.

(59) **Johnson, B. M.**, J. Lepak and B. A. Wolff. 2015. Effects of prey assemblage on mercury bioaccumulation in a piscivorous sport fish. Science of the Total Environment 506-507: 330-337.

(58) *Pate, W. M.*, **B. M. Johnson**, J. Lepak, and D. Brauch. 2014. Managing for coexistence of kokanee and trophy Lake Trout in a montane reservoir. North American Journal of Fisheries Management 34:908-922.

(57) *Wolff, B. A.*, **B. M. Johnson**, and C. M. Landress. 2013. Classification of hatchery and wild fish using natural geochemical signatures in otoliths, fin rays, and scales of an endangered catostomid. Canadian Journal of Fisheries and Aquatic Sciences 70:1775-1784.

(56) *Wolff, B. A.*, **B. M. Johnson**, A. R. Breton, P. J. Martinez, and D. L. Winkelman. 2012. Origins and movements of invasive piscivores determined from the strontium isotope ($^{87}\text{Sr}/^{86}\text{Sr}$) ratio of otoliths. Canadian Journal of Fisheries and Aquatic Sciences 69:724-739.

(55) *Lepak, J. M.*, M. B. Hooten, and **B. M. Johnson**. 2012. The influence of external subsidies on diet, growth and Hg concentrations of freshwater sport fish: implications for management and fish consumption advisories. Ecotoxicology 21:1878-1888.

(54) *Lepak, J. M.*, K-D. Kinzli, E. R. Fetherman, W. M. Pate, A. G. Hansen, E. I. Gardunio, C. N. Cathcart, W. L. Stacy, Z. E. Underwood, M. M. Brandt, C. A. Myrick, and **B. M. Johnson**. 2012. Manipulation of sport fish growth to reduce mercury bioaccumulation on a whole-system scale. Canadian Journal of Fisheries and Aquatic Sciences 69: 122-135.

(53) **Johnson, B. M.** and P. J. Martinez. 2012. Hydroclimate mediates effects of a keystone species in a coldwater reservoir. Lake and Reservoir Management 28:70-83.

(52) Arlinghaus, R., S. J. Cooke and **B. M. Johnson**. 2012. Technical guidelines for responsible fisheries: recreational fisheries. Food and Agriculture Organization of the United Nations, Rome, Italy.

(51) *Busch, S.*, **B. M. Johnson**, and T. Mehner. 2011. Energetic costs and benefits of cyclic habitat switching: a bioenergetics model analysis of diel vertical migration in coregonids. Canadian Journal of Fisheries and Aquatic Sciences 68:706-717.

(50) **Johnson, B. M.**, R. Arlinghaus, and P. J. Martinez. 2009. Are we doing all we can to stem the tide of illegal fish stocking? Fisheries 34(8): 389-394.

(49) *Gibson-Reinemer, D. K.*, **B. M. Johnson**, P. J. Martinez, D. L. Winkelman, A. E. Koenig, and J. D. Woodhead. 2009. Elemental signatures in otoliths of hatchery trout: distinctiveness and utility for detecting origins and movement. Canadian Journal of Fisheries and Aquatic Sciences 66:513-524.

(48) **Johnson, B. M.**, P. J. Martinez, J. H. Hawkins, and K. R. Bestgen. 2008. Ranking predatory threats by nonnative fishes in the Yampa River, Colorado via bioenergetics modeling. North American Journal of Fisheries Management 28:1941-1953.

(47) Arlinghaus, R., **B. M. Johnson**, and C. Wolter. 2008. The past, present and future role of limnology in freshwater fisheries science. International Review of Hydrobiology 93: 541-549.

(46) *Whitledge, G. W.*, **B. M. Johnson**, P. J. Martinez, and A. M. Martinez. 2007. Sources of nonnative centrarchids in the upper Colorado River revealed by stable isotope and microchemical analyses of otoliths. Transactions of the American Fisheries Society 136: 1263–1275.

- (45) Beauchamp, D. A., D. H. Wahl, and **B. M. Johnson**. 2007. Predator-prey interactions. Chapter 16 In M. L. Brown and C. S. Guy, editors. Analysis and interpretation of freshwater fisheries data. American Fisheries Society, Bethesda, Maryland.
- (44) *Crockett, H. J.*, **B. M. Johnson**, P. J. Martinez, and D. Brauch. 2006. Modeling target strength distributions to improve hydroacoustic estimation of Lake Trout population size. Transactions of the American Fisheries Society 135:1095–1108.
- (43) *Whitledge, G. W.*, **B. M. Johnson** and P. J. Martinez. 2006. Stable hydrogen isotopic composition of fishes reflects that of their environment. Canadian Journal of Fisheries and Aquatic Sciences 63:1746-1751.
- (42) **Johnson, B. M.** 2006. (Letter to editor). Fisheries 31(1):45-46.
- (41) *Nydzick, K. R.*, *B. M. Moraska Lafrancois*, J. S. Baron, and **B. M. Johnson**. 2004. Nitrogen regulation of algal biomass, productivity, and composition in small mountain lakes, Snowy Range, Wyoming, USA. Canadian Journal of Fisheries and Aquatic Sciences 61:1256-1268.
- (40) *Lafrancois, B. Moraska, K. R. Nydzick*, **B. M. Johnson**, and J. S. Baron. 2004. Cumulative effects of nutrients and pH on the plankton of two mountain lakes. Canadian Journal of Fisheries and Aquatic Sciences 61:1153-1165.
- (39) *Hardiman, J. M.*, **B. M. Johnson**, and P. J. Martinez. 2004. Do predators influence distribution of young-of-year Kokanee in a Colorado reservoir? Transactions of the American Fisheries Society 133:1366-1378.
- (38) **Johnson, B. M.**, *M. Anderson, L. Saito, P. Weiss, M. Andre* and D. Fontane. 2004. Effects of climate and dam operations on reservoir thermal structure. Journal of Water Resources Planning and Management 130: 112-122.
- (37) *Nydzick, K. R.*, *B. M. Moraska*, J. S. Baron, and **B. M. Johnson**. 2003. Lake-specific responses to elevated atmospheric nitrogen deposition in the Colorado Rocky Mountains, USA. Hydrobiologia 510:103-114.
- (36) *Koski, M. L.*, **B. M. Johnson**, and *T. Stecklein*. 2003. Effects of light on size selectivity of Kokanee (*Oncorhynchus nerka*) feeding on *Daphnia*. Journal of Fish Biology 62:1456-1461.
- (35) *Moraska, B.M.*, *D. M. Carlisle, K. R. Nydzick*, **B. M. Johnson**, and J. S. Baron. 2003. Environmental characteristics and benthic invertebrate assemblages in Colorado mountain lakes. Western North American Naturalist 63:137-154.
- (34) *MacRury, N. K.*, *B. D. S. Graeb*, **B. M. Johnson** and W. H. Clements. 2002. Comparison of dietary mercury exposure in two sympatric top predator fishes, largemouth bass and northern pike: a bioenergetics modeling approach. Journal of Aquatic Ecosystem Stress and Recovery 9:137-147.
- (33) Lathrop, R.C., **B. M. Johnson**, T. B. Johnson, M. T. Vogelsang, S. R. Carpenter, T. R. Hrabik, J. F. Kitchell, J. J. Magnuson, L. G. Rudstam, and R. S. Stewart. 2002. Stocking piscivores to improve fishing and water clarity: a synthesis of the Lake Mendota biomanipulation project. Freshwater Biology 47:2410-2424.
- (32) *Koski, M. L.*, and **B. M. Johnson**. 2002. Functional response of Kokanee (*Oncorhynchus nerka*) feeding on *Daphnia* under a range of light intensities. Canadian Journal of Fisheries and Aquatic Sciences 59(4): 707-716.
- (31) **Johnson, B. M.**, P. J. Martinez, and *J. D. Stockwell*. 2002. Tracking trophic interactions in coldwater reservoirs using naturally occurring stable isotopes. Transactions of the American Fisheries Society 131:1-13.
- (30) **Johnson, B. M.** and S. R. Carpenter. 2002. The invisible collapse of Canada's recreational fisheries (Letter to editor). Fisheries 27(3):34.
- (29) *Saito, L.*, **B. M. Johnson**, J. M. Bartholow, and D. G. Fontane. 2001. Interdisciplinary modelling to assess ecosystem effects of reservoir operations. Integrated Water Resources Management Symposium Proceedings, IAHS Publication No. 272, International Association of Hydrological Sciences, Oxford.

- (28) Martinez, P. J., **B. M. Johnson**, and J. *Hobgood*. 2001. Stable isotope signatures of native and non-native fishes in upper Colorado River backwaters and ponds. *Southwestern Naturalist* 46:311-322.
- (27) *Saito, L.*, **B. M. Johnson**, J. Bartholow, and R. B. Hanna. 2001. Assessing ecosystem effects of reservoir operations using food web-energy transfer and water quality models. *Ecosystems* 4:105-125.
- (26) **Johnson, B. M.** and P.J. Martinez. 2000. Trophic economics of Lake Trout management in reservoirs of differing productivity. *North American Journal of Fisheries Management* 20:115-131.
- (25) *Stockwell, J. D.* and **B. M. Johnson**. 1999. Field evaluation of a bioenergetics-based foraging model for Kokanee (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences* 56 (Suppl. 1):140-151.
- (24) **Johnson, B. M.** and J. P. Goettl, Jr. 1999. Food web changes over fourteen years following introduction of Rainbow Smelt into a Colorado reservoir. *North American Journal of Fisheries Management* 19:629-642.
- (23) *MacRury, N. K.*, and **B. M. Johnson**. 1999. Sublethal responses of Largemouth Bass to parasites and organochlorines. *Environmental Toxicology and Chemistry* 18:998-1006.
- (22) *Swift-Miller, S. M.*, **B. M. Johnson**, and R. T. Muth. 1999. Environmental factors and the diet, distribution, and abundance of Rio Grande Sucker (*Catostomus plebeius*) throughout its northern range. *Southwestern Naturalist* 44(2):148-156.
- (21) *Stockwell, J. D.*, K. L. Bonfantine, and **B. M. Johnson**. 1999. Kokanee foraging: a *Daphnia* in the stomach is worth two in the lake. *Transactions of the American Fisheries Society* 128:169-174.
- (20) *Swift-Miller, S. M.*, **B. M. Johnson**, R. T. Muth, and D. Langlois. 1999. Distribution, abundance, and habitat use of Rio Grande Sucker in Hot Creek, Colorado. *Southwestern Naturalist* 44(1):42-48.
- (19) *Saito, L.*, R.B. Hanna, J. Bartholow, and **B. Johnson**. 1999. Linking hydrodynamic and ecological models at Shasta Lake. *Proceedings of the American Society of Civil Engineers Water Resources Planning and Management Conference*, Tempe, AZ
- (18) *Stockwell, J. D.* and **B. M. Johnson**. 1997. Refinement and calibration of a bioenergetics-based foraging model for Kokanee (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences* 54:2659-2676.
- (17) Trebitz, A., S. R. Carpenter, P. Cunningham, **B. Johnson**, R. Lillie, D. Marshall, T. Martin, R. Narf, T. Pellett, S. Stewart, C. Storlie, and J. Unmuth. 1997. A model of Bluegill-Largemouth Bass interactions in relation to aquatic vegetation and its management. *Ecological Modelling* 94:139-156.
- (16) **Johnson, B. M.**, M. T. Vogelsang, and R. S. Stewart. 1996. Enhancing a Walleye population by stocking: effectiveness and constraints on recruitment. *Annales Zoologici Fennici* 33:577-588.
- (15) **Johnson, B. M.** and P. J. Martinez. 1995. Selecting harvest regulations for recreational fisheries: opportunities for research/management cooperation. *Fisheries* 20(10):22-29.
- (14) **Johnson, B. M.** 1994. Book Review: The trophic cascade in lakes. *Fisheries Review* 39(3):214.
- (13) Schindler, D. A., **B. M. Johnson**, N. Bouwes, J. F. Kitchell, and N. A. MacKay. 1994. A salt marsh predation intensity gradient: field and individual-based modeling evidence. *Oecologia* 97:49-61.
- (12) **Johnson, B. M.** and S. R. Carpenter. 1994. Functional and numerical responses: a framework for fish-angler interactions? *Ecological Applications* 4:808-821.
- (11) Carpenter, S. R., A. Munoz-del-Rio, S. Newman, P. W. Rasmussen, and **B. M. Johnson**. 1994. Interactions of anglers and Walleyes in Escanaba Lake, Wisconsin. *Ecological Applications* 4:822-832.
- (10) **Johnson, B. M.**, and T. L. Margenau. 1993. Growth and mortality of stocked Muskellunge fingerlings: effects on size distributions. *North American Journal of Fisheries Management* 13:625-629.

- (9) Rudstam, L. G., and **B. M. Johnson**. 1992. Development, evaluation, and transfer of new technology. Pages 507-524, In J. F. Kitchell, editor. Food web management: a case study of Lake Mendota, Wisconsin. Springer-Verlag, New York.
- (8) Rudstam, L. G., C. Luecke, M. J. Vanni, Y. Allen, and **B. M. Johnson**. 1992. Food web structure of Lake Mendota. Pages 233-242, In J. F. Kitchell, editor. Food web management: a case study of Lake Mendota, Wisconsin. Springer-Verlag, New York.
- (7) Madenjian, C. P., **B. M. Johnson**, and S. R. Carpenter. 1992. Individual-based modeling: application to Walleye stocking. Pages 493-506, In J.F. Kitchell, editor. Food web management: a case study of Lake Mendota, Wisconsin. Springer-Verlag, New York.
- (6) **Johnson, B. M.**, R. S. Stewart, S. J. Gilbert, C. Luecke, and J. F. Kitchell. 1992. Forecasting the effects of harvest regulations and stocking on prey fish communities in Lake Mendota, Wisconsin. North American Journal of Fisheries Management 12:797-807.
- (5) **Johnson, B. M.**, S. J. Gilbert, R. S. Stewart, L. G. Rudstam, Y. Allen, D. M. Fago, and D. Dreikosen. 1992. Piscivores and their prey. Pages 319-352, In J.F. Kitchell, editor. Food web management: a case study of Lake Mendota, Wisconsin. Springer-Verlag, New York.
- (4) **Johnson, B. M.**, and M. D. Staggs. 1992. The fishery. Pages 353-376, In J.F. Kitchell, editor. Food web management: a case study of Lake Mendota, Wisconsin. Springer-Verlag, New York.
- (3) Carpenter, S. R., **B. M. Johnson**, C. Luecke, C. P. Madenjian, J. R. Post, L. G. Rudstam, M. J. Vanni, Y. Allen, R. Dodds, K. McTigue, and D. Schael, 1992. Modeling the Lake Mendota ecosystem: synthesis and evaluation of progress. Pages 451-460, In J.F. Kitchell, editor. Food web management: a case study of Lake Mendota, Wisconsin. Springer-Verlag, New York
- (2) Madenjian, C. P., **B. M. Johnson**, and S. R. Carpenter. 1991. Stocking strategies for fingerling Walleyes: and individual based model approach. Ecological Applications 1:280-288.
- (1) **Johnson, B. M.**, R. A. Stein, and R. F. Carline. 1988. Use of a quadrat rotenone technique and bioenergetics modeling to evaluate prey availability to stocked piscivores. Transactions of the American Fisheries Society 117:127-141.

REPORTS & POPULAR ARTICLES (students and postdocs *italicized*)

- (79) B. Rose, P. Connolly, M. Mitchell, *N. Platis*, Y. Kanno, and **B. Johnson**. 2023. Blue River Nutrient Remediation Project: An Ecosystem-based Study to Evaluate the Role of Phosphorus in Primary and Secondary Production in the Lower Blue River, Colorado. Colorado Department of Public Health and Environment.
- (78) *Farrell, C.*, **B. Johnson**, and C. Myrick. 2023. Triploid Walleye: A New Frontier for Managing Coolwater Predators in the West. Final Report. Colorado Parks and Wildlife, Fort Collins.
- (77) Hansen, A., C. Farrell, C. Myrick and **B. Johnson**. 2021. Mercury and Colorado sport fish. Fact Sheet, Colorado Parks and Wildlife, Fort Collins.
- (76) Silver, D. B., **B. Johnson**, W. Pate, A. Hansen, and K. Christianson. 2021. History and outcomes of Mysis diluviana introductions in Colorado, Research Report, Colorado Parks and Wildlife, Fort Collins.
- (75) **Johnson, B. M.**, D. B. Silver, *C.J. Farrell*, and W. M. Pate. 2019. *Mysis* sampling survey report: Gross Reservoir, Colorado. Fisheries Ecology Laboratory, Colorado State University, Fort Collins.
- (74) *Farrell, C.*, **B. Johnson**, C. Myrick, and A. Hansen. 2019. Triploid Walleye: A New Frontier for Managing Coolwater Predators in the West. Progress report for Colorado Parks and Wildlife, Fort Collins.

- (73) Silver, D. B., **B. M. Johnson**, and W. M. Pate. 2019. *Mysis* sampling survey report: Flathead Lake, Montana. Fisheries Ecology Laboratory, Colorado State University, Fort Collins.
- (72) Hansen, A., **B. Johnson**. 2019. Does predation limit the survival of sport fish stocked into Colorado's lakes and reservoirs? Fact Sheet, Colorado Parks and Wildlife, Fort Collins.
- (71) Hansen, A., **B. Johnson**. 2018. What is fish bioenergetics and why is it useful? Fact Sheet, Colorado Parks and Wildlife, Fort Collins.
- (70) *Farrell, C. J.*, and **B. M. Johnson**. 2018. Biological characteristics of some non-native fishes captured in Rifle Gap Reservoir, Colorado. Progress report, Colorado Parks and Wildlife, Denver.
- (69) *Farrell, C. J.*, **B. M. Johnson**, and W. M. Pate. 2018. A survey of triploid Walleyes (*Sander vitreus*) in Narraguinne Reservoir, Colorado. Progress report, Colorado Parks and Wildlife, Denver.
- (68) Pate, W. M., and **B. M. Johnson**. 2018. Sediment coring methodologies for paleolimnological investigations. Progress report, Colorado Parks and Wildlife, Denver.
- (67) Silver, D. B., W. M. Pate, *K. R. Christianson*, and B. M. Johnson. 2018. A study to determine the fate of *Mysis* shrimp in Cheesman Reservoir, Colorado. Final Report, Denver Water, Denver.
- (66) Pate, W. M., **B. M. Johnson**, and D. B. Silver. 2018. A survey of crustacean zooplankton in 10 Wyoming lakes. Final Report, Wyoming Game and Fish Department, Casper.
- (65) **Johnson, B. M.**, W. M. Pate, and D. B. Silver. 2017. Invasion success and status of the opossum shrimp, *Mysis diluviana*, in Wyoming, USA. Report to Wyoming Game and Fish Department, Pinedale.
- (64) **Johnson, B. M.** 2016. *Daphnia* species observed in zooplankton studies in Colorado. Final Report, Colorado Parks and Wildlife, Fort Collins.
- (63) **Johnson, B. M.**, and *C. F. Johnson*. 2015. Quantifying piscivory in Buffalo Bill Reservoir: are the wild *Oncorhynchus* fisheries sustainable? Final Report, Wyoming Game and Fish Department.
- (62) **Johnson, B. M.**, B. Wolff, and J. Lepak. 2015. Characterizing bioaccumulation of mercury in sport fish: Informing TMDL development and modeling mitigation strategies in Front Range reservoirs. Final Report, Colorado Department of Public Health and Environment, Denver, Colorado.
- (61) Grossman, G., T. Essington, **B. Johnson**, J. Miller, N. Monson, T. Pearsons. 2014. Report of Expert Panel on "State of the Science on Fish Predation on Central Valley Salmonids in the Bay-Delta Watershed". Delta Science Program, San Francisco, California.
- (560) **Johnson, B. M.**, B. A. Wolff, and P. J. Martinez. 2014. Chemically fingerprinting nonnative fishes in reservoirs. Final Report, Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado.
- (59) **Johnson, B. M.**, and W. Pate. 2014. Effects of water clarity and other factors on aquatic life in Grand Lake, Colorado. Final Report, Northern Colorado Water Conservancy District, Berthoud, Colorado.
- (58) **Johnson, B. M.** 2014. Environmental conditions for Walleye in Cherry Creek Reservoir. Progress Report, Hydros Consulting/Cherry Creek Basin Water Quality Authority, Colorado.
- (57) **Johnson, B. M.**, B. A. Wolff, and P. J. Martinez. 2013. Chemically fingerprinting nonnative fishes in reservoirs. Final Report, Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado.
- (56) *Wolff, B.A.*, and **B.M. Johnson**. 2013. Otolith and fin ray chemistries for tracing origins of June sucker. Final Report. June Sucker Recovery Implementation Program, Salt Lake City, UT.
- (55) *Pate, W.M.*, and **B.M. Johnson**. 2013. Optimal management strategies for multi-use recreational fisheries: coexistence of Lake Trout and Kokanee in western waters. Final Report, Colorado Division of Wildlife, Fort Collins,

CO.

(54) **Johnson, B.M.** 2012. Creel Survey Results: Dillon Reservoir, Summer 2012. Final Report, Colorado Division of Wildlife, Fort Collins, CO.

(53) **Johnson, B.M.** 2011. Bioaccumulation of mercury in aquatic food webs: integrating research and management towards remediation. Final Report, Colorado Division of Wildlife, Fort Collins, CO.

(52) *Lepak, J.M.* and **B.M. Johnson**. 2010. Bioaccumulation of mercury in aquatic food webs: integrating research and management towards remediation. Annual Report, Colorado Division of Wildlife, Fort Collins, CO. 77 pages.

(51) *Lepak, J.M.*, **B.M. Johnson** and N.K. Vieira. 2010. Bioaccumulation of mercury in aquatic food webs: integrating research and management towards remediation. Final Report, Colorado Dept. of Public Health and Environment, Denver, CO. 80 pages.

(50) **Johnson, B.M.** and *W. Pate*. 2010. Tracking Lake Trout diet and trophic interactions in Blue Mesa Reservoir. RM-CESU Progress Report, 4 pages.

(49) **Johnson, B.M.** and *W. Pate*. 2010. Management strategies to sustain Kokanee and Lake Trout at Blue Mesa Reservoir. Progress Report, Colorado Division of Wildlife, Fort Collins, CO.

(48) **Johnson, B.M.** and *W.A. Wolff*. 2010. Chemically fingerprinting nonnative fishes in reservoirs. Progress Report, U.S. Fish and Wildlife Service, Lakewood, CO. 14 pages.

(47) **Johnson, B.M.** 2009. Competing uses for reservoir water: where do fish and fisheries fit in? Colorado Water: Newsletter of the Colorado State University Water Center Volume 26(6):12-13.

(46) **Johnson, B.M.**, *A. Abeyta, K. Bentley, M. Brandt, M. Burton, J. Charles, C. Cross, J. Fike, A. Graham, W. Hibbs, M. Kuti, J. Mangels, T. Martyn, W. Pate, J. Restad, R. Santistevan, R. Schmidt, and K. Stockton*. 2009. Rifle Gap Reservoir fishery investigation. Final Report, Colorado State University, Fort Collins, CO.

(45) **Johnson, B.M.**, *J. Butteris, C. M. Clapp, S. D. Cossey, C. C. Deguelle, M. J. Dodrill, R. E. Dritz, D. A. Falconi, R. T. Fortier, T. L. Goodin, A. G. Hansen, E. A. Heinzmann, D. A. Herasimtschuk, A. R. Koch, L. J. Marsh, M. M. McGree, K. M. Miller, S. R. Murdoch, D. T. Norcross, A. L. Nowakowski, E. C. Smith, S. G. Stiffler, Z. A. Sutphin, A. L. Thompson, D. W. Tuttle, and L. J. Young*. 2009. Effects of an anticipated illegal introduction of Walleye into Blue Mesa Reservoir, Colorado. Final Report, Colorado State University, Fort Collins, CO.

(44) **Johnson, B.M.**, *B. Wolff*, and *P.J. Martinez*. 2008. Chemically fingerprinting nonnative fishes in reservoirs. Progress report, U.S. Fish and Wildlife Service, Denver, Colorado, 8 pages.

(43) **Johnson, B.M.** and *P.J. Martinez*. 2007. Chemically fingerprinting nonnative fishes in reservoirs. Progress report, U.S. Fish and Wildlife Service, Denver, Colorado, 5 pages.

(42) **Johnson, B. M.**, *G. W. Whitley*, *P. J. Martinez*, and *A. M. Martinez*. 2007. Stable isotope analysis of centrarchid concentration areas. Final report, U.S. Fish and Wildlife Service, Denver, Colorado, 58 pages.

(41) **Johnson, B. M.**, *D. K. Gibson-Reinemer*, *P. J. Martinez*, and *D. Winkelman*. 2007. Forensic applications of otolith microchemistry for tracking sources of illegally stocked whirling disease positive trout. Final report, Whirling Disease Initiative, Bozeman, MT, 55 pages.

(40) **Johnson, B. M.** 2006. Stable isotopes and statistics. Progress report, Colorado Division of Wildlife, Grand Junction, Colorado, 15 pages.

(39) **Johnson, B.M.** and *P.J. Martinez*. 2006. Chemically fingerprinting nonnative fishes in reservoirs. Progress report, U.S. Fish and Wildlife Service, Denver, Colorado, 4 pages.

(38) **Johnson, B. M.**, *D. Gibson-Reinemer*, *D. Winkelman*, and *P. J. Martinez*. 2006. Forensic applications of otolith

microchemistry for tracking sources of illegally stocked Whirling Disease positive trout. Final report, Whirling Disease Initiative, Bozeman, MT, 27 pages.

(37) **Johnson, B. M.**, *G. Whitley, M. Sullivan, and D. Gibson-Reinemer*. 2005. Stable isotopes and statistics. Progress report, Colorado Division of Wildlife, Grand Junction, Colorado, 22 pages.

(36) Martinez, P. J. and **B. M. Johnson**. 2005. Researchers study ear bones to learn origin and movement patterns of sunfish. Swimming Upstream. Upper Colorado River Recovery Program, U.S. Fish and Wildlife Service, Denver, Colorado.

(35) **Johnson, B. M.** and *M. L. Koski*. 2005. Reservoir and food web dynamics at Blue Mesa Reservoir, Colorado, 1993-2002. Final report, U.S. Bureau of Reclamation, Grand Junction, Colorado, 186 pages.

(34) **Johnson, B. M.** and *J. Butteris*. 2004. Ecosystem monitoring during Horsetooth Reservoir refilling. Final Report, U.S. Bureau of Reclamation, Eastern Colorado Area Office, Loveland, Colorado.

(33) **Johnson, B. M.**, *D. Gibson-Reinemer, D. Winkelman, G. Whitley, P. J. Martinez*. 2004. Forensic applications of otolith microchemistry for tracking sources of illegally stocked Whirling Disease positive trout. Whirling Disease Initiative, Bozeman, MT, 10 pages.

(32) **Johnson, B. M.**, *M. Sullivan, and R. Oplinger*. 2004. Stable isotopes and statistics. Progress report, Colorado Division of Wildlife, Grand Junction, Colorado, 52 pages.

(31) **Johnson, B. M.** and *J. M. Hardiman*. 2003. Kokanee in Blue Mesa Reservoir: causes for their decline and strategies for recovery. Final Report, National Park Service, Gunnison, Colorado, 81 pages.

(30) **Johnson, B. M.** and *R. Oplinger*. 2003. Stable isotopes and statistics. Progress report, Colorado Division of Wildlife, Grand Junction, Colorado, 48 pages.

(29) Gelder, B., J. Loftis, *M. Koski, B. Johnson, and L. Saito*. 2003. Eutrophication of reservoirs on the Colorado Front Range. Final Report, Colorado Water Resources Research Institute, Colorado State University, Fort Collins, Colorado, 128 pages.

(28) **Johnson, B. M.**, *H. Crockett, J. Hardiman, M. Koski, A. Gigliotti, and R. Oplinger*. 2002. Ecological effects of reservoir operations on Blue Mesa Reservoir. Progress report, U.S. Bureau of Reclamation, Grand Junction, Colorado, 122 pages.

(27) **Johnson, B. M.**, *J. Hardiman, H. Crockett, A. Gigliotti and R. Oplinger*. 2002. Kokanee in Blue Mesa Reservoir: causes for their decline and strategies for recovery. Progress report, National Park Service, Gunnison, Colorado, 115 pages.

(26) **Johnson, B. M.** and *R. Oplinger*. 2002. Stable isotopes and statistics. Progress report, Colorado Division of Wildlife, Grand Junction, Colorado, 39 pages.

(25) **Johnson, B. M.**, *J. Hardiman and H. Crockett*. 2001. Ecological effects of reservoir operations on Blue Mesa Reservoir. Progress report, U.S. Bureau of Reclamation, Grand Junction, Colorado, 54 pages.

(24) **Johnson, B. M.**, *J. Hardiman and H. Crockett*. 2001. Kokanee in Blue Mesa Reservoir: causes for their decline and strategies for recovery. Progress report, National Park Service, Gunnison, Colorado.

- (23) **Johnson, B. M.**, and *J. Hardiman*. 2001. An assessment of the river transit phase as a bottleneck to Kokanee recruitment in Blue Mesa Reservoir. Final Report, Colorado Division of Wildlife, Gunnison, 15 pages.
- (22) **Johnson, B. M.** and *J.D. Hobgood*. 2000. Top-down Influences on water quality in Front Range Reservoirs. North Front Range Water Quality Planning Association and Big Thompson Watershed Forum, Watershed Assessment Committee, Loveland, CO.
- (21) **Johnson, B. M.**, *M. L. Koksi*, and M. Anderson. 1999. Refine modeling tools to forecast effects of dam operations on reservoir food webs. Progress Report, U.S. Bureau of Reclamation, Salt Lake City, UT, 62 pages.
- (20) **Johnson, B.M.** and *L. Saito*. 1999. Lake Shasta food web analysis using bioenergetics, stable isotopes and diet sampling. Final Report, U.S. Geological Survey, Midcontinent Ecological Science Center, Fort Collins, CO
- (19) **Johnson, B. M.** and *B. Graeb*. 1999. Zooplankton dynamics at Horsetooth and Carter reservoirs. Big Thompson Watershed Forum, Watershed Assessment Committee, Loveland, CO.
- (18) **Johnson, B. M.** and *J. D. Stockwell*. 1998. Ecological effects of reservoir operations at Blue Mesa Reservoir. Progress report, U.S. Bureau of Reclamation, Grand Junction, Colorado, 65 pages.
- (17) **Johnson, B. M.** and M. Andre. 1998. Refine modeling tools to forecast effects of dam operations on reservoir food webs. Progress report, U.S. Bureau of Reclamation, Salt Lake City, UT, 23 pages.
- (16) Clements, W. H., **B. M. Johnson**, D. Beyers, M. S. Pearson, and *N. MacRury*. 1998. Effects of sediment contaminants on macroinvertebrate and fish assemblages in lower lakes at Rocky Mountain Arsenal. Final Report, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, CO, 246 pages.
- (15) **Johnson, B. M.**, J. D. Stockwell, K. Bonfantine. 1997. Ecological effects of reservoir operations on Blue Mesa Reservoir. Progress report, U.S. Bureau of Reclamation, Grand Junction, Colorado, 145 pages.
- (14) Clements, W. H., **B. M. Johnson**, D. Beyers, M. S. Pearson, and *N. MacRury*. 1996. Effects of sediment contaminants on macroinvertebrate and fish assemblages in lower lakes at Rocky Mountain Arsenal. Progress Report, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado, 103 pages.
- (13) **Johnson, B. M.**, *M. J. Wise*, *B. Herwig*, *R. G. Szerlong*, *D. Faber*, and *B. Byall*. 1996. Ecological effects of reservoir operations on Blue Mesa Reservoir. Progress report, U.S. Bureau of Reclamation, Grand Junction, Colorado, 124 pages.
- (12) Goettl, J. P. Jr., and **B. M. Johnson**. 1996. Forage fish studies. Federal Aid Project F-240-R3, Progress Report. Colorado Division of Wildlife, Fort Collins, Colorado, 73 pages.
- (11) **Johnson, B. M.**, R. S. Stewart, and S. J. Gilbert. 1995. Ecology of fishes in the Madison lakes. Fisheries Management Report 148. Wisconsin Department of Natural Resources, Madison, 63 pages.
- (10) Vogelsang, M. T., R. S. Stewart, and **B. M. Johnson**. 1995. Ecology of fishes in the Madison lakes. Progress Report (1993), Wisconsin Department of Natural Resources, Madison.
- (9) Clements, W. H., **B. M. Johnson**, D. Beyers, M. S. Pearson, and *N. MacRury*. 1995. Effects of sediment contaminants on macroinvertebrate and fish assemblages in lower lakes at Rocky Mountain Arsenal. Progress Report, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado, 65 pages.
- (8) **Johnson, B. M.**, *M. J. Wise*, *C. J. Counard*, and *R. G. Szerlong*. 1995. Ecological effects of reservoir operations on Blue Mesa Reservoir. Progress report, U.S. Bureau of Reclamation, Grand Junction, Colorado, 160 pages.
- (7) Goettl, J. P. Jr., and **B. M. Johnson**. 1995. Forage Fish Studies. Federal Aid Project F-240-R2, Progress Report. Colorado Division of Wildlife, Fort Collins, Colorado, 38 pages.
- (6) **Johnson, B. M.** 1994. Preliminary investigations into food web dynamics in Horsetooth Reservoir, Colorado.

Progress Report, Colorado Division of Wildlife, Fort Collins, Colorado.

(5) **Johnson, B. M.** 1994. Quantifying the role of Lake Trout in mountain reservoir food webs. Progress Report, Colorado Division of Wildlife, Fort Collins, Colorado.

(4) **Johnson, B. M.** 1994. Ecological effects of reservoir operations on Blue Mesa Reservoir. Progress Report, U.S. Bureau of Reclamation, Grand Junction, Colorado, 54 pages.

(3) Goettl, J. P. Jr., and **B. M. Johnson.** 1994. Forage fish studies. Federal Aid Project F-53-R, Final Report. Colorado Division of Wildlife, Fort Collins, Colorado, 91 pages.

(2) Clements, W. H., **B. M. Johnson**, H. Bestgen, and M. S. Pearson. 1994. Effects of sediment contaminants on macroinvertebrate and fish assemblages in lower lakes at Rocky Mountain Arsenal. Progress Report, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado, 16 pages.

(1) Vogelsang, M. T., **B. M. Johnson**, and R. S. Stewart. 1993. Ecology of fishes in the Madison lakes. Progress Report (1990-1992), Wisconsin Department of Natural Resources, Madison.

PROFESSIONAL PRESENTATIONS (*invited; students and postdocs *italicized*)

Platis, N., **B. Johnson**, Y. Kanno, and B. Rose. 2023. Non-lethal alternative for stable isotope analysis of brown trout and mottled sculpin: a comparison between fin and muscle stable isotope signatures ($\delta^{13}\text{C}$ & $\delta^{15}\text{N}$). Colorado/Wyoming Chapter of the American Fisheries Society Annual Meeting. (March).

Thibedeau, I. A., K. R. Bestgen, and **B. M. Johnson.** 2023. Invasive Walleye in the Upper Colorado River Basin. Colorado/Wyoming Chapter of the American Fisheries Society Annual Meeting, Fort Collins.

Farrell, C.J., **BM Johnson**, AG Hansen, and CA Myrick. 2022. Triploid Walleye: some considerations for managers. Colorado/Wyoming Chapter of the American Fisheries Society Annual Meeting. Virtual (March).

Jackson, K.N., *C.J. Farrell*, **B.M. Johnson**, C.A. Myrick, A.G. Hansen, and Y. Kanno. 2022. Prey selection of diploid and triploid Walleye in a prey-limited system. Colorado/Wyoming Chapter of the American Fisheries Society Annual Meeting. Virtual (March).

Farrell, C.J., **B.M. Johnson**, A.G. Hansen, C.A. Myrick, M.M. Brandt, and J. White. 2022. Results from the CPW-CSU Triploid Walleye Project. Northeast Regional Biology Days. Denver, CO (April).

Jackson, K.N., *C.J. Farrell*, **B.M. Johnson**, C.A. Myrick, A.G. Hansen, and Y. Kanno. 2022. Prey selection of diploid and triploid Walleye in a prey-limited system. CSU Celebrate Undergraduate Research and Creativity Symposium. in person (April).

Farrell, C. J., **B. M. Johnson**, A. G. Hansen, B. W. Avila, and C. A. Myrick. 2022. Could reproduction limit lifetime growth? Evidence from a population of mixed-ploidy Walleye. American Fisheries Society, Spokane, WA. In person (August).

Farrell, C. J., **B. M. Johnson**, A. G. Hansen, B. W. Avila, and C. A. Myrick. 2022. Could reproduction limit lifetime growth? Evidence from a population of mixed-ploidy Walleye. PERCIS V – 5th Percid Fish International Symposium, Czech Republic. In person (September).

Platis, N., Y. Kanno, **B. Johnson** and B Rose. 2022. Non-lethal alternative for stable isotope analysis of brown trout and mottled sculpin: a comparison between fin and muscle stable isotope signatures. Wild Trout Symposium XIII. West Yellowstone, Montana. In person (September).

Thibedeau, I., K. R. Bestgen, **B. M. Johnson.** 2022. Bioenergetics of invasive Walleye in the Upper Colorado River Basin. Upper Colorado River Recovery Program, Invasive Fishes Team. Virtual (December).

Johnson, B. M. 2021. FWCB Coldwater ecology expertise. Cutthroat Chapter, Trout Unlimited (January)

Thibedeau, I., K. R. Bestgen, **B. M. Johnson.** 2021. Bioenergetics of invasive Walleye in the Upper Colorado River Basin. Upper Colorado River Recovery Program, Invasive Fishes team- virtual (December)

Johnson, B.M. 2020. Mysis shrimp: what are they and why do they produce such big trout? West Denver Chapter

of Trout Unlimited, Denver (November)

*Farrell, C.J., A.G. Hansen, N.G. Angell, **BM Johnson**, CA Myrick. 2020. Does ploidy affect mercury bioaccumulation in Walleye? 150th Meeting of the American Fisheries Society- virtual. (September)*

Breck, J.E., and **B.M. Johnson**. 2020. Fish energy density and the allometric stoichiometry of proximate body composition. National meeting of the American Fisheries Society- virtual (September)

Hansen, A.G., *C.J. Farrell*, and **B.M. Johnson**. 2020. Simulated effects of triploid walleye induction rate on diploid persistence in a newly stocked population. UCRB Recovery Program Biology Committee Webinar (September)

*Angell, N.G., C.J. Farrell, W.M. Pate, **B.M. Johnson**, C.A. Myrick. 2020. Estimating energy density of Walleye eggs using dry matter content. Colorado State University Celebrate Undergraduate Research and Creativity Showcase-Virtual. (April)*

Farrell, C., **B. Johnson, A. Hansen, C. Myrick, J. White, and M. Brandt. 2020. A preliminary assessment of adult diploid and triploid Walleye in Narraguinnep Reservoir, CO. Colorado-Wyoming Chapter, American Fisheries Society, Laramie, WY (February)- Best Student Paper Award*

Farrell, C., **B. Johnson, A. Hansen, C. Myrick, M. Brandt, and J. White. 2020. Induced triploidy for managing Walleye in the West: study overview and preliminary findings. Aquatic Staff Meeting, Colorado Parks and Wildlife, Evergreen, Colorado (January)*

Hansen, A. G., **B.M. Johnson, and *C.J. Farrell*. How low can we go? Simulated effects of triploid walleye induction rate on the probability of establishing a new diploid population. Senior Staff Meeting, Colorado Parks and Wildlife, Brush, Colorado (December 10, 2019)*

Farrell, C., **B. Johnson, A. Hansen, C. Myrick, M. Brandt, and J. White. 2019. Triploid research, Senior Staff Meeting, Colorado Parks and Wildlife, Brush, Colorado (December 10, 2019)*

*Pitti, J., **B. Johnson**, R. Boone, and C. Farrell. 2019. Ploidy and foraging performance in a nonnative sport fish: an agent-based model perspective. Celebrate Undergraduate Research and Creativity Symposium, CSU (April 2019)*

**Johnson, B., D. Silver, B. Pate, D. Olsen. 2019. Arctic Char in Dillon Reservoir: review and update. Colorado Parks and Wildlife Coldwater Reservoir Meeting, Buena Vista, CO. (March 4-5, 2019)*

Silver, D.B., **B.M. Johnson** and W.M. Pate. 2019. We asked a question. Colorado-Wyoming Chapter, American Fisheries Society, Fort Collins, Colorado. (February 2019)

Pate, W.M., **B.M. Johnson**, and D.B. Silver. 2019. Status of the opossum shrimp (*Mysis diluviana*) in Colorado and Wyoming: Introduction success and invasions. Colorado-Wyoming Chapter, American Fisheries Society, Fort Collins, Colorado. (February 2019)

*Farrell, C., **B. Johnson**, C. Myrick, A. Hansen, M. Brandt, and J. White. 2019. Induced triploidy for managing invasive Walleye: study overview and preliminary findings. Colorado-Wyoming Chapter, American Fisheries Society, Fort Collins, Colorado. (February 2019)*

Burckhardt, J. C., T. E. Neebling, D. J. Kaus, C. F. Johnson, C. S. Guy, and **B. M. Johnson**. 2018. Assessing effects and probability of suppression of an illegally introduced Walleye population. Western Division American Fisheries Society, Anchorage, AK.

*Christianson, K. R., **B. M. Johnson**, M. Hooten, and J. Roberts. 2018. Using sparse data to estimate lake warming in the Southern Rocky Mountains. Oral presentation at Association for the Sciences of Limnology and Oceanography Annual Meeting, Victoria, B.C.*

Johnson, B. M., and D. B. Silver. 2018. Opportunities to work with volunteers as citizen scientists. Colorado-Wyoming Chapter of the American Fisheries Society Annual Meeting, Laramie, WY. (February 28, 2018) PLENARY

Johnson, B. M., D. B. Silver, W. M. Pate, and K. R. Christianson. 2017. Mysis diluviana responses to climate and dam operations in three mesotrophic reservoirs. Oral presentation, North American Lake Management Society Annual Meeting, Denver, CO.

Christianson, K. R., B. M. Johnson, and D. B. Silver. 2017. Reduced snowpack may compound effects of climate warming on high elevation lakes. North American Lake Management Society International Symposium, Westminster, CO.

Christianson, K. R., B. M. Johnson, and D. B. Silver. 2017. Drought may compound effects of climate warming on high elevation lakes. Oral presentation at Western Division, American Fisheries Society Annual Meeting, Missoula, MT.

***Johnson, B. M.,** D. B. Silver, W. M. Pate, and K. R. Christianson. 2017. Mysis diluviana responses to severe drought in three montane reservoirs. Oral presentation at Western Division, American Fisheries Society Annual Meeting, Missoula, MT.

Christianson, K. R., B. M. Johnson, and D. B. Silver. 2017. Climate effects on high elevation lakes: the influence of lake specific parameters. Oral presentation and Hydrology Days, Colorado State University.

Barby, C., K. R. Christianson, and **B. M. Johnson.** 2017. Utility of Landsat 8 to detect water clarity in lakes. Poster presentation at the Undergraduate Research Symposium, Colorado State University.

Christianson, K. R., B. M. Johnson, D. B. Silver, B. Pate, B. Galloway, K. Carim. 2016. Detecting Mysis diluviana using environmental DNA (eDNA)". Colorado-Wyoming Chapter, American Fisheries Society, Laramie, WY. (best poster award)

Johnson, B. M., D. Silver, W. Pate, and K. Christianson. 2015. High elevation lake food webs and climate change. CPW Senior Aquatic Staff, Fort Collins, CO.

Johnson, B. M., D. Silver, W. Pate, B. Galloway, and K. Christianson. 2015. High elevation lake food webs and climate change. Denver Water, Denver, CO.

Pate, W.M., **B. M. Johnson,** D. Silver, and K. Christianson. 2015. Effect of net size on estimates of abundance, size, age and sex ratio of Mysis diluviana. University of Vermont, Burlington, VT.

Christianson, K., B. Pate, D. Silver, and **B. M. Johnson.** 2015. Detection of Mysis diluviana using environmental DNA (eDNA). University of Vermont, Burlington, VT.

D. Silver, B. Pate, **B. M. Johnson,** and K. Christianson. 2015. Mysis diluviana life stages and demographics. University of Vermont, Burlington, VT.

Johnson, B. M., D. Silver, W. Pate, and K. Christianson. 2015. Freezing and fractionation: effects of preservation on carbon and nitrogen signatures of some limnetic organisms. University of Vermont, Burlington, VT.

Johnson, B. M., and D. Silver. 2015. Update on Dillon Reservoir research studies, Dillon Reservoir Recreation Committee, Frisco, CO.

***Johnson, B. M.,** B. Wolff, J. Lepak. 2015. Reducing mercury bioaccumulation in Horsetooth Reservoir via fishery management. Northern Colorado Water Conservancy District, Annual Stakeholders Meeting, Berthoud, CO.

Johnson, B. M. 2014. Effects of water clarity and other factors on aquatic life of Grand Lake, Colorado. Three Lakes Technical Committee, Golden, CO.

Wolff, B., J. Lepak, and **B. Johnson.** 2014. Update on mercury management project. Colorado Department of Public Health and Environment, U.S. Environmental Protection Agency, Denver, CO.

Arlinghaus, R., S. Cooke, and **B. Johnson.** 2014. An overview on the FAO Technical Guidelines for Responsible

Fisheries: Recreational Fisheries, World Recreational Fishing Conference, Campinas, Brazil.

Johnson, C. F., B. M. Johnson, T. Neebling, J. Burckhardt. 2014. Quantifying piscivory in Buffalo Bill Reservoir: are the wild Oncorhynchus fisheries sustainable? American Fisheries Society, Montreal, Quebec, Canada.

Johnson, B. M. 2014. Food web and water quality at Cherry Creek Reservoir, Cherry Creek Basin Water Quality Authority Stakeholders meeting, Denver, CO.

Johnson, B. M. 2014. Environmental conditions for Walleye in Cherry Creek Reservoir, Colorado Division of Parks and Wildlife, Denver, CO.

Johnson, B. M., and D. Silver. 2014. Update on Dillon Reservoir research studies, Dillon Reservoir Recreation Committee, Frisco, CO.

Johnson, C. F., B. M. Johnson, T. Neebling, J. Burckhardt. 2014. Non-native predators in Buffalo Bill Reservoir. How are they impacting wild trout stocks? U.S. Bureau of Reclamation, Casper, WY.

***Johnson, B. M.** 2014. Effects of water clarity and other factors on aquatic life of Grand Lake, Colorado. Grand Lake Water Clarity Standard Stakeholder Meeting, Denver, CO.

Johnson, B. M., D. Olsen, and D. Silver. 2014. Introduction of Arctic Char in Colorado: Outcomes and management possibilities. Fisheries Society of the British Isles, Hull, England.

Olsen, D., B. M. Johnson, J. Lepak, and D. Silver. 2014. The Arctic Char of Dillon Reservoir, Colorado: An assessment of their current status and analysis of future management possibilities. Colorado Division of Parks and Wildlife, Hot Sulphur Springs, CO.

Johnson, C. F., B. M. Johnson, T. Neebling, J. Burckhardt. 2014. Non-Native Predators in Buffalo Bill Reservoir. How are they impacting wild trout stocks? Trout Unlimited, West Denver Chapter, Denver, CO.

Johnson, C. F., B. M. Johnson, T. Neebling, J. Burckhardt. 2014. Non-Native Predators in Buffalo Bill Reservoir. How are they impacting wild trout stocks? Trout Unlimited, East Yellowstone Chapter, Cody, WY.

Pate, B., B. Wolff, *D. Olsen,* and **B. M. Johnson.** 2014. Counting calories in your fish: why and how? CO/WY Chapter, American Fisheries Society, Laramie, WY.

Johnson, C. F., B. M. Johnson, J. Burckhardt, T. Neebling, and J. Lepak. 2014. Use of Summer Profundal Index Netting to estimate Lake Trout abundance in Wyoming and Colorado waters. CO/WY Chapter, American Fisheries Society, Laramie, WY.

Wolff, B. A., B. M. Johnson and J. Lepak. 2014. Hg contamination in CO: influence of deposition, bioaccumulation and food web structure on sport fish Hg concentrations. Colorado Department of Public Health and Environment, and U.S. EPA. Denver, CO.

Pate, W. M., B. M. Johnson, J. Lepak, D. Brauch. 2013. Management strategies for multi-use recreational fisheries: coexistence of Lake Trout and Kokanee in western waters. International Kokanee Workshop, Fort Collins, CO.

Olsen, D., B. M. Johnson, and D. Silver. 2013. The Arctic char of Dillon Reservoir, CO: An assessment of their current status and analysis of future management possibilities. West Denver Trout Unlimited Meeting, Golden, CO.

*Johnson, C. F., B. M. Johnson, T. Neebling, J. Burckhardt.** 2013. Piscivory in Buffalo Bill Reservoir: Are the Wild Oncorhynchus fisheries sustainable? Colorado/Wyoming Chapter American Fisheries Society Annual Meeting, Fort Collins, CO.

Wolff, B. A., J. Lepak and **B. M. Johnson*.** Characterizing bioaccumulation of mercury in sport fish from Colorado reservoirs. Northern Water Conservancy District Stakeholders Meeting, Berthoud, CO.

Johnson, B. M. 2013. Fishing is Fun! Cub Scout Pack 98, Fort Collins, CO.

Pate, W. M., B. M. Johnson, J. Lepak, D. Brauch. 2013. Management strategies for multi-use recreational fisheries: coexistence of Lake Trout and Kokanee in western water. Western Division of the American Fisheries Society annual meeting, Boise, ID.

Olsen, D., B. M. Johnson, D. Silver. 2013. The Arctic char Salvelinus alpinus of Dillon Reservoir, Colorado: an evaluation of their present status and future management possibilities. Western Division of the American Fisheries Society annual meeting, Boise, ID.

Fialko, K., B. Pate and B. Johnson. 2013. Exceptional energy density of sport fish in a western U.S. reservoir: implications for predictive methods. CSU Celebrate Undergraduate Research and Creativity Symposium, Fort Collins, CO.

Christianson, K., D. Olsen, and B. Johnson. 2013. Response of benthic macroinvertebrates to the exclusion of predators in Dillon Reservoir, CO. CSU Celebrate Undergraduate Research and Creativity Symposium, Fort Collins, CO.

Olson, C., D. Olsen, and B. Johnson. 2013. A Trophic Analysis of the Fish Assemblage in a Montane Reservoir. CSU Celebrate Undergraduate Research and Creativity Symposium, Fort Collins, CO.

Lutackas, Loretta. 2013. Ocean Acidification: The Effects of Runoff on Carbon Sequestration and Marine Organisms. CSU Celebrate Undergraduate Research and Creativity Symposium, Fort Collins, CO.

Johnson, C. F., B. M. Johnson, J. Burckhardt, and T. Neebling. (2013). Vulnerability of wild trout to nonnative piscivores in Buffalo Bill Reservoir, Wyoming. Cutthroat Chapter, Colorado Trout Unlimited, Littleton, CO.

Wolff, B. A., B. M. Johnson, and P.J. Martinez. 2012. Emigration risk of nonnative fish in Upper Colorado River Basin reservoirs. Annual Upper Colorado River Basin Endangered Fish Recovery Program Researcher's Meeting, Grand Junction, CO.

Wolff, B. A., B. M. Johnson. 2012. Discrimination of wild and hatchery June suckers Chasmistes liorus in Utah Lake, Utah using natural geochemical markers in otoliths and fin rays. Annual Meeting, Western Division of American Fisheries Society, Jackson, WY.

Wolff, B. A., and B. M. Johnson. 2012. Discrimination of wild and hatchery June sucker using natural geochemical markers in fish hard parts. Annual June Sucker Recovery and Implementation Program Meeting, Salt Lake City, UT.

Pate, W., B. M. Johnson, J. Lepak, D. Brauch. 2012. Boom-and-bust Lake Trout-Kokanee fisheries: turning runaway consumption into sustainable fisheries for both species. Annual Meeting, Western Division of American Fisheries Society, Jackson, WY.

Wolff, B. A., and B. M. Johnson. 2012. Origins of endangered June sucker (Chasmistes liorus) revealed through natural geochemical markers. American Fisheries Society Colorado/Wyoming Colorado State University Sub-unit Meeting, Fort Collins, CO.

Johnson, C. F., B. M. Johnson, T. Neebling, J. Burckhardt. 2012. Piscivory in Buffalo Bill Reservoir: Are the Wild trout fisheries sustainable? Bureau of Reclamation/Wyoming Game and Fish Department coordination meeting, Casper, WY.

***Johnson, B. M.** 2011. Illegal stocking: socioeconomic, ecological, and human health implications. World Recreational Fishing Conference, Berlin, Germany.

Wolff, B. A., B. M. Johnson, P.J. Martinez, and D.L. Winkelman. 2011. Strontium isotope ratios ($^{87}\text{Sr}:$ ^{86}Sr) as tracers of origins and movements of nonnative piscivores in the Upper Colorado River Basin. Nonnative Fish Workshop, Grand Junction, CO.

Fialko, K., W. Pate, and B. Johnson. 2011. Tracking trophic interactions in Blue Mesa Reservoir, Colorado across a large temporal scale (poster). Highest Honors, Celebrate Undergraduate Research and Creativity Symposium, CSU, Fort Collins, CO.

Wolff, B. A., B.M. Johnson, P.J. Martinez, and D.L. Winkelman. 2011. Tracing origins of invasive piscivores using strontium isotope ratios ($^{87}\text{Sr}/^{86}\text{Sr}$) in otoliths. National meeting of the American Fisheries Society, Seattle, WA.

Johnson, B. M., B. A. Wolff, and P. J. Martinez. 2011. Emigration risk of nonnative fish in Upper Colorado River Basin reservoirs. Upper Colorado River Basin Endangered Fish Recovery Program Researcher's Meeting, Moab, UT.

Wolff, B. A., B. M. Johnson, P. J. Martinez, and D. L. Winkelman. 2010. Strontium isotope ratios ($^{87}\text{Sr}/^{86}\text{Sr}$) as tracers of origins and movements of nonnative piscivores in the Upper Colorado River Basin. Annual Upper Colorado River Basin Endangered Fish Recovery Program Researcher's Meeting, Grand Junction, CO.

Johnson, B. M., B. A. Wolff, and P. J. Martinez. 2010. Natural tracers in otoliths: from proof of concept to management applications. Nonnative Fish Workshop, Grand Junction, CO.

Wolff, B. A., B. M. Johnson, P. J. Martinez. 2010. Fingerprinting origins of nonnative piscivores using otolith microchemistry. Nonnative Fish Workshop, Grand Junction, CO.

Johnson, B. M. 2010. "Illegal Stocking of Aquatic Organisms": a new website and outreach tool. (poster) TWS&AFS Meeting: Species Introductions & Re-introductions: Opportunities & Challenges, Starkville, MS.

Wolff, B. A. and B. M. Johnson. 2010. "Tracing the origins and movements of invasive fishes in the Upper Colorado River Basin". Rocky Mountain Flycasters Chapter of Trout Unlimited, Fort Collins, CO.

Fialko, K., J. Lepak, and B. Johnson. 2010. A comparison of chronometric structures for aging Walleye: peculiar bias in spine derived ages from a Front Range reservoir. 2009-2010 Celebrate Undergraduate Research & Creativity Symposium, CSU, Fort Collins, CO.

***Johnson, B. M., B. A. Wolff, D. L. Winkelman and P. J. Martinez.** 2009. Use of naturally occurring isotopes for tracing origins and movements of invasive fish. Annual Upper Colorado River Basin Endangered Fish Recovery Program Researcher's Meeting, Grand Junction, CO.

Johnson, B. M., B. A. Wolff, P. J. Martinez, and D. L. Winkelman. 2009. Basin-wide examination of trace element chemistry of nonnative fish otoliths. Annual Upper Colorado River Basin Endangered Fish Recovery Program Researcher's Meeting, Grand Junction, CO.

Johnson, B. M. 2009. "Illegal stocking of aquatic organisms": a new website and outreach tool. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, CO.

Wolff, B. A., B. M. Johnson, D. L. Winkelman, and P.J. Martinez. 2009. Strontium isotopes can trace origins and movements of nonnative piscivores in the Yampa River basin. Colorado State University Subunit of the American Fisheries Society, Fort Collins, CO.

Lepak, J. M., B. M. Johnson, and N. Vieira. 2009. Factors affecting bioaccumulation of mercury in sport fish in Colorado reservoirs. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, CO.

***Johnson, B. M.** 2007. Projected impacts of an illegal, angler-introduced piscivore. Progress in Understanding the Impacts and Dynamics of Recreational Fisheries: Theory and Empirical Findings. Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany.

Johnson, B. M. 2007. Illegal introductions of nonnative fishes: Are we doing all we can to stem the tide? Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, CO.

Gibson-Reinemer, D., B. M. Johnson, D.L. Winkelman, and P.J. Martinez. 2007. Otolith microchemistry for fish folks: pitfalls and payoffs. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, CO.

Gibson-Reinemer, D., B. M. Johnson, D. L. Winkelman, and P.J. Martinez, and A. Koenig 2007. A method to

identify hatchery of origin in rainbow trout: implications for disease transmission. Whirling Disease Symposium, Denver, CO.

Gibson-Reinemer, D., B. M. Johnson, P. J. Martinez, and D. L. Winkelman. 2006. Tracking origins and movement of stocked trout using otolith microchemistry. National Meeting, American Fisheries Society, Lake Placid, NY.

Gibson-Reinemer, D., B. M. Johnson, P. J. Martinez, and D. L. Winkelman. 2006. Tracking Sources of Stocked Rainbow Trout in Colorado. West Denver Chapter of Trout Unlimited, Denver, CO.

Gibson-Reinemer, D., B. M. Johnson, P. J. Martinez, and D. L. Winkelman. 2006. Forensic Applications of Otolith Microchemistry: Tracking Sources of Stocked Rainbow Trout in Colorado. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Cheyenne, WY.

Gibson-Reinemer, D., B. M. Johnson, P. J. Martinez, and D. L. Winkelman. 2006. Forensic Applications of Otolith Microchemistry: Tracking Sources of Stocked Rainbow Trout in Colorado. Whirling Disease Symposium, Denver, CO.

Johnson, B. M. 2006. Extended Drawdown of Horsetooth Reservoir: Analogue for Severe Drought? Annual Meeting, Colorado Lake and Reservoir Management Association, Lakewood, CO.

Johnson, B. M. 2006. No detectable adverse effects of increased spring releases on a Large, Coldwater Reservoir in Colorado (poster). Annual Meeting, Colorado Lake and Reservoir Management Association, Lakewood, CO.

***Johnson, B. M.** 2006. Resistance and Resilience of Reservoirs: Effects of Climate and Water Management. Invited Scientist Seminar Series, Graduate Program of Hydrologic Sciences, University of Nevada-Reno, Reno, NV.

***Johnson, B. M.** 2006. Trophic Roles and Provenance of Nonnative Fishes in the Upper Colorado River Basin. Ecology Seminar Series, University of Nevada-Reno, Reno NV.

Johnson, B. M. 2006. Extended Drawdown of Horsetooth Reservoir: Analogue for Severe Drought? Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Cheyenne, WY. (Best Professional Paper Award)

Johnson, B. M. 2006. No detectable adverse effects of increased spring releases on a large, coldwater reservoir in Colorado (poster). Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Cheyenne, WY.

Johnson, B. M. and N. Nomanbhoy. 2005. A PDA-based field guide to Colorado fishes. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, CO.

Johnson, B., D. Gibson-Reinemer, P. Martinez, and D. Winkelman. 2005. Forensic applications of otolith microchemistry for tracking sources of stocked whirling diseased trout. Whirling Disease Symposium, Denver, CO.

Gibson-Reinemer, D., B. M. Johnson, P. J. Martinez, D. L. Winkelman, and G. W. Whitledge. 2005. Forensic applications of otolith microchemistry for tracking sources of stocked whirling diseased trout. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, CO.

Whitledge, G. W., B. M. Johnson, P. J. Martinez, and A.M. Martinez. 2005. Environmental history of centrarchids in the Colorado River: insights from otolith Sr:Ca and hydrogen isotope analyses. 135th Annual Meeting of the American Fisheries Society, Anchorage, AK.

Whitledge, G.W., B. M. Johnson, P. J. Martinez, and A. M. Martinez. 2005. Identification of non-native centrarchid origins in the Upper Colorado River using otolith microchemistry and stable hydrogen isotope analysis. Colorado-Wyoming Chapter of the American Fisheries Society Annual Meeting, Fort Collins, CO.

Whitledge, G. W., B. M. Johnson, P. J. Martinez, and A. M. Martinez. 2005. Sources of non-native centrarchids in the Grand Valley reach of the Colorado River: insights from otolith microchemistry and stable isotope analysis. 26th Annual Upper Colorado River Basin Endangered Fish Recovery Program Researcher's Meeting, Grand

Junction, CO.

Martinez, P., D. Brauch, B. Atkinson, K. Rogers, and **B. Johnson**. 2005. Kokanee and Lake Trout in Blue Mesa and Granby reservoirs Colorado: implications for ongoing Kokanee egg production. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, CO. (March)

***Johnson, B. M.** 2004. Trophic roles and provenance of non-native fishes in the Upper Colorado River Basin. USGS Lake Superior Biological Laboratory, Ashland, WI.

***Johnson, B. M.** 2004. Trophic roles and provenance of non-native fishes in the Upper Colorado River Basin. Newton Bobb Lecture Series, Northland College, Ashland, WI.

Whitledge, G. W., B. M. Johnson, P.J. Martinez, and A.M. Martinez. 2004. Microchemical and isotopic indicators of non-native fish provenance in the Colorado River. 134th Annual Meeting of the American Fisheries Society, Madison, WI.

Whitledge, G. W., B. M. Johnson, P.J. Martinez, and A.M. Martinez. 2004. Elemental and stable isotope markers of non-native fish provenance in the upper Colorado River basin. 25th Annual Upper Colorado River Basin Endangered Fish Recovery Program Researcher's Meeting, Moab, UT.

Martinez, P. J., **B. M. Johnson**, J. Hawkins, and K. Bestgen. 2004. Examining predation demand by nonnative piscivores and its utility in evaluating and prescribing nonnative fish control strategies. Upper Basin of the Colorado River Researchers' Meeting, Moab, UT.

P. J. Martinez, K. Rogers, *H. Crockett*, **B. M. Johnson**, and *J. M. Hardiman*. 2004. Discerning prey- and piscivore-sized targets in hydroacoustic surveys of pelagic salmonids in Colorado reservoirs. Annual Meeting, Western Division of the American Fisheries Society, Salt Lake City, UT.

Crockett, H. J., B. M. Johnson, J. M. Hardiman, P. J. Martinez, and K. Rogers. 2004. Annual Meeting, Western of the Division American Fisheries Society, Salt Lake City, UT.

Johnson, B. M. 2003. Ecology and management of reservoirs and their fisheries. Habitat Management Workshop, Natural Resource Conservation Service, Ridgway State Park, Ridgway, CO.

***Johnson, B. M.** 2003. Effects of drought on water quality of Colorado reservoirs. Assessing the Impacts of Prolonged Severe Drought on Aquatic Ecosystems and Water Quality of the South Platte River Basin. Fort Collins, CO.

Koski, M. L. and B. M. Johnson. 2003. Interactive effects of climate change and eutrophication on growth of a coldwater planktivore. Ecological Society of America, Savannah, GA.

Hardiman, J., H. Crockett, B. Johnson and P.J. Martinez. 2003. Energetic constraints, predation risk, and seasonal distribution of young-of-the-year Kokanee in a large reservoir. Annual Meeting, Colorado-Wyoming, Bonneville Chapters of the American Fisheries Society, Grand Junction, CO.

Brauch, D., P. Martinez, *H. Crockett, J. Hardiman*, and **B. Johnson**. 2003. Perpetuation of angling opportunity and Kokanee egg production at Colorado's Blue Mesa Reservoir: is Lake Trout predation a threat? Annual Meeting, Colorado-Wyoming and Bonneville Chapters of the American Fisheries Society, Grand Junction, CO.

H. Crockett, D. Brauch, P. Martinez, J. Hardiman, and **B. Johnson**. 2003. Comparison of Lake Trout abundance estimates from hydroacoustics and mark-recapture. Annual Meeting, Colorado-Wyoming and Bonneville Chapters of the American Fisheries Society, Grand Junction, CO.

P. Martinez, K. Rogers, *H. Crockett, B. Johnson*, and J. Hardiman. 2003. Discerning prey- and piscivore-sized targets in hydroacoustic surveys of pelagic salmonids in Colorado Reservoirs. Annual Meeting, Colorado-Wyoming and Bonneville Chapters of the American Fisheries Society, Grand Junction, CO.

Koski, M. L. and B. M. Johnson. 2003. Interactive effects of climate change and eutrophication on growth of a

coldwater planktivore. Front Range Student Ecology Symposium, Colorado State University, Fort Collins, CO. (Best Presentation in Modeling Session)

Koski, M. L. and **B. M. Johnson**. 2002. Modeling the interactive effects of eutrophication and climate change on Kokanee (*Oncorhynchus nerka*) foraging behavior (poster). Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Laramie, WY. (Best Poster Award)

Lafrancois, B. Moraska, K. R. Nydick, J. S. Baron, and **B. M. Johnson**. 2002. Interactive effects of nutrients and pH on plankton and epilithon of two mountain lakes. National Meeting, Ecological Society of America, Tucson, AZ.

Lafrancois, B. Moraska, K. R. Nydick, J. S. Baron, and **B. M. Johnson**. 2002. Algal and invertebrate responses to nitrogen deposition in Rocky Mountain lakes. Department of Ecology, Evolution, and Behavior at University of Minnesota, St. Paul, MN.

Lafrancois, B. Moraska, K. R. Nydick, J. S. Baron, and **B. M. Johnson**. 2002. Nitrogen deposition and lakes of Rocky Mountain National Park: effects on algae and invertebrates. Rocky Mountain National Park Research Conference, Estes Park, CO.

Nydick, K. R., B. M. Lafrancois, J. S. Baron, and **B. M. Johnson**. 2002. Nitrogen cycling and biological alkalinity production following nutrient and acid additions to mountain lakes. National Meeting, Ecological Society of America, Tucson, AZ.

Hardiman, J., and **B. M. Johnson**. 2002. Seasonal distribution and scope for growth of young-of-year Kokanee in a large mesotrophic reservoir. Annual Meeting, Western Division of the American Fisheries Society, Spokane, WA.

Koski, M. J. and **B. M. Johnson**. 2002. Modeling the interactive effects of eutrophication and climate change on Kokanee (*Oncorhynchus nerka*) foraging behavior. Front Range Ecology Symposium, CSU, Fort Collins, CO.

Koski, M. J. and **B. M. Johnson**. 2001. Modeling the interactive effects of eutrophication and climate change on Kokanee (*Oncorhynchus nerka*) foraging and growth (poster). Student Water Symposium, Colorado State University, Fort Collins, CO. (Best Poster Award)

Lafrancois, B. Moraska, K. R. Nydick, J. S. Baron, and **B. M. Johnson**. 2001. Simulation of increased N deposition to small mountain lakes, Snowy Range, Wyoming. National Meeting, Ecological Society of America, Madison, WI.

Nydick, K., B. Moraska, J. Baron, J. Sickman, and **B. Johnson**. 2001. Sensitivity of western mountain lake biology to N deposition. National Meeting, Ecological Society of America, Madison, WI.

Lathrop, R., **B. Johnson**, T. Johnson, M. Vogelsang, S. Carpenter, T. Hrabik, J. Kitchell, J. Magnuson, L. Rudstam, and R. Stewart. 2001. Multiple trophic level responses to a planktivore die-off and sustained piscivore stocking in eutrophic Lake Mendota. National Meeting, Ecological Society of America, Madison, WI.

Nydick, K., B. Moraska, J. Baron, **B. Johnson**. 2001. Mesocosm experiments to determine if subtle nitrogen additions can alter primary production in small mountain lakes, Snowy Range, WY. National Meeting, American Society of Limnology and Oceanography, Albuquerque, NM.

Nydick, K., B. Moraska, J. Baron, **B. Johnson**. 2001. Simulation of N deposition to small mountain lakes, Snowy Range, WY. Front Range Student Ecology Symposium, Fort Collins, CO.

Saito, L., **B. Johnson**, J. Bartholow, and B. Hanna. 2001. Assessing effects of reservoir operations on the upstream ecosystem using food web-energy transfer and water quality models. Colorado State University Hydrology Days, Fort Collins, CO.

***Johnson, B. M.** 2000. Biotic influences on water quality. Annual Meeting, Colorado Lake and Reservoir Management Association, Morrison, CO.

***Johnson, B. M.** 2000. Predicting effects of new dam operations on reservoir ecosystems. Washington Department of Fish and Game, Olympia, WA.

- *Johnson, B. M.** 2000. Predicting effects of new dam operations on reservoir ecosystems. United States Geological Survey Columbia River Research Laboratory, Cook, WA.
- *Johnson, B. M.** 2000. Refinement of Kokanee salmon functional response for use in bioenergetics modeling. 26th Annual International Kokanee Workshop, Coeur d'Alene, ID.
- Moraska, B. M., D. M. Carlisle, K. R. Nydick, B. M. Johnson, and J. S. Baron.* 2000. Relationships between benthic invertebrates and environmental gradients in Colorado mountain lakes. National Meeting, North American Benthological Society, Keystone, CO.
- Nydick, K., B. Moraska, J. Baron, B. Johnson.* 2000. Nutrient limitation experiments in subalpine lakes of the Loch Vale Watershed, Rocky Mountain National Park. National Meeting, North American Benthological Society, Keystone, CO.
- Koski, M. L. and B. M. Johnson.* 2000. Foraging ecology of Kokanee salmon (*Oncorhynchus nerka*): effects of prey density and light. National Meeting, Ecological Society of America, Snowbird, UT.
- Koski, M. L. and B. M. Johnson.* 2000. Foraging ecology of Kokanee salmon (*Oncorhynchus nerka*): effects of prey density and light. Front Range Student Ecology Symposium, Colorado State University, Fort Collins, CO.
- Koski, M. L. and B. M. Johnson.* 2000. Foraging ecology of Kokanee salmon: effects of prey density and light. Graduate Student Council Graduate Research and Creativity Symposium, Colorado State University, Fort Collins, CO.
- Lathrop, R., B. M. Johnson, T. B. Johnson, M. T. Vogelsang, T.R. Hrabik, J. F. Kitchell, and S. R. Carpenter.* 2000. Lake Mendota biomanipulation project 1987-1998, Biomanipulation Workshop, Germany.
- Lathrop, R., B. M. Johnson, T. B. Johnson, M. T. Vogelsang, T.R. Hrabik, J. F. Kitchell, and S. R. Carpenter.* 2000. Lake Mendota biomanipulation project 1987-1998. American Society of Limnology and Oceanography, Copenhagen, Denmark.
- Saito, L., M. Anderson and B. M. Johnson.* 2000. Understanding the relative importance of reservoir operations and climate on reservoir thermal conditions. Colorado State University Hydrology Days, Fort Collins, CO.
- Koski, M. L. and B. M. Johnson.* 1999. Quantifying a planktivore's functional response for use in bioenergetics modeling. Front Range Student Ecology Symposium, Colorado State University, Fort Collins, CO.
- Koski, M. L. and B. M. Johnson.* 1999. Quantifying a planktivore's functional response for use in bioenergetics modeling (poster). Graduate Research and Creativity Symposium, Colorado State University, Fort Collins, CO.
- Koski, M. L. and B. M. Johnson.* 1999. Refinement of Kokanee salmon (*Oncorhynchus nerka*) functional response for use in bioenergetics modeling (poster). Student Water Symposium, Colorado State University, Fort Collins, CO.
- Koski, M. and B. M. Johnson.* 1999. Refinement of Kokanee salmon (*Oncorhynchus nerka*) functional response for use in bioenergetics modeling. Midwest Fish and Wildlife Conference, Chicago, IL.
- Saito, L., R. B. Hanna, J. Bartholow, and B. Johnson.* 1999. Modeling the effects of Shasta temperature control device operations with CE-QUAL-W2. Interagency Ecological Program Annual Workshop & Bay/Delta Modeling Forum Annual Meeting & Workshop, Pacific Grove, CA.
- Saito, L., R. B. Hanna, J. Bartholow, and B. Johnson.* 1999. Stable isotope analysis for structuring an aquatic food web model. Interagency Ecological Program Annual Workshop & Bay/Delta Modeling Forum Annual Meeting & Workshop, Pacific Grove, CA.
- Saito, L., R. B. Hanna, J. Bartholow, and B. Johnson.* 1999. Linking hydrodynamic and ecological models at Shasta Lake. American Society of Civil Engineers Water Resources Planning and Management Conference, Tempe, AZ.
- Baron, J. S., T. Minear, H. M. Rueth, K. R. Nydick, B. M. Moraska, B. Johnson, E. J. Allstott.* 1999. Ecosystem responses to nitrogen deposition in the Colorado Front Range. American Geophysical Union Fall Meeting, San

Francisco, CA.

Baron, J. S., A. Wolfe, K. R. Nydick, B. M. Moraska, **B. Johnson**, and T. Minear. 1999. Ecosystem responses to elevated nitrogen deposition in the Colorado Front Range. National Meeting, American Society for Limnology and Oceanography, Santa Fe, NM.

***Johnson, B. M.** and P. J. Martinez. 1998. Piscivore-prey "balance" in coldwater reservoirs of differing productivity. National Meeting, American Fisheries Society, Hartford, CT.

***Johnson, B. M.** 1998. Harvest regulations for recreational fishing and hunting. 1998 USA-ROC Workshop on Wildlife Conservation Techniques, National Taiwan University, Taipei, Taiwan.

***Johnson, B. M.** 1998. Effects of dam operations on reservoir food web interactions. Departmental Seminar, Department of Fisheries and Wildlife, Utah State University, Logan, UT.

Moraska, B, K. Nydick, **B. Johnson**, J. Baron, T. Minear, M. McCall, and A. Ramey. 1998. Patterns of nitrogen deposition and alpine lake biota. Colorado State University Student Water Symposium, Fort Collins, CO.

Nydick, K. R., B. Moraska, J. S. Baron, **B. Johnson**, T. Minear, and E. J. Allstott. Nitrogen deposition in alpine lakes: spatial patterns. Colorado State University Student Water Symposium, Fort Collins, CO.

Graeb, B., N. MacRury, and **B. M. Johnson**. 1998. Effects of prey base and feeding guild on dietary exposure to contaminants. Front Range Student Ecology Symposium, Fort Collins, CO.

Graeb, B., N. MacRury, and **B. M. Johnson**. 1998. Effects of prey base and feeding guild on dietary exposure to contaminants. Rocky Mountain Chapter, Society for Environmental Toxicology and Chemistry, Fort Collins, CO.

Graeb, B., N. MacRury, and **B. M. Johnson**. 1998. Effects of prey base and feeding guild on dietary exposure to contaminants. Annual Meeting, Colorado-Wyoming and Bonneville Chapters of the American Fisheries Society, Grand Junction, CO.

Baron, J.S., A. Wolfe, **B. Johnson**, and M. Bashkin. 1998. Human-caused disturbances in Colorado's alpine lakes. North American Lake Management Society, 18th International Symposium, Banff, Alberta, Canada.

Saito, L., **B. Johnson**, J. Bartholow and B. Hanna. 1998. Interdisciplinary water resources: linking engineering and ecology in reservoir modeling. Colorado State University Water Symposium, Fort Collins, CO.

***Johnson, B. M.**, J. D. Stockwell, and D. G. Fontane. 1997. Ecosystem responses to new dam operations in a large montane reservoir. National Meeting, North American Lake Management Society, Houston, TX.

Johnson, B. M., J. D. Stockwell, and D. G. Fontane. 1997. Modeling ecosystem responses to reservoir reoperation. National Meeting, American Society of Limnology and Oceanography, Santa Fe, NM.

Johnson, B. M., J. D. Stockwell, and D. G. Fontane. 1997. Modeling ecosystem responses to reservoir reoperation (poster). Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Cheyenne, WY. (Best Poster Award)

MacRury, N. and **B. M. Johnson**. 1997. Parasite and contaminant influences on bioenergetics and feeding behavior of largemouth bass. National Meeting, Society of Environmental Toxicology and Chemistry, San Francisco, CA.

Stockwell, J. D. and **B. M. Johnson**. 1997. Forecasting changes in behavior and predation risk of a vertically migrating planktivore. National Meeting, American Fisheries Society, Monterey, CA.

Stockwell, J. D. and **B. M. Johnson**. 1997. Modeling planktivorous fish responses to natural and human-induced alteration of thermal habitat. National Meeting, American Society of Limnology and Oceanography, Santa Fe, NM.

MacRury, N. and **B. M. Johnson**. 1997. Parasite and contaminant influences on bioenergetics of largemouth bass at Rocky Mountain Arsenal. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society,

Cheyenne, WY.

Stockwell, J. D. and **B. M. Johnson**. 1997. Modeling Kokanee responses to climate and dam reoperation in Blue Mesa Reservoir. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Cheyenne, WY.

Stockwell, J. D. and **B. M. Johnson**. 1997. A combined foraging and vertical migration model for Kokanee salmon - how can it be applied to mysids? International Mysid Ecology Workshop, Cornell University, Ithaca, NY.

***Johnson, B. M.**, K. Wilson, R. S. Stewart, and M. Vogelsang. 1996. Assessing effectiveness and sustainability of a Walleye enhancement program. National Meeting, American Fisheries Society, Dearborn, MI.

Stockwell, J. D. and **B. M. Johnson**. 1996. Refinement and calibration of an ecologically realistic bioenergetics model for Kokanee salmon (*Oncorhynchus nerka*). Midwest Fish and Wildlife Conference, Omaha, NE.

Johnson, B. M., M. Vogelsang, and R. S. Stewart. 1995. Effectiveness of stocking and harvest regulations to enhance a Walleye population for biomanipulation. 2nd International Percid Symposium, Vaasa, Finland.

Martinez, P. J. and **B. M. Johnson**. 1995. Trophic economics: food for thought, macks, pike, etc. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Casper, WY.

Martinez, P. J. and **B. M. Johnson**. 1995. Projections of Lake Trout predation demand derived from hydroacoustic surveys in reservoirs of varying productivity. Annual Meeting, Colorado-Wyoming Chapter of the American Fisheries Society, Casper, WY.

Yule, D., R. Whaley, S. Flickinger and **B. M. Johnson**. 1995. Assessment of rainbow trout vulnerability to Walleye predation. Annual Meeting, Colorado-Wyoming Chapter American Fisheries Society, Casper, WY.

Swift, S. M., **B. M. Johnson**, and R. M. Muth. 1995. Influence of anthropogenic stress on Rio Grande sucker (*Catostomus plebeius*) food selection and condition. Annual Meeting, Desert Fishes Council, Reno, NV.

***Johnson, B. M.** and P.J. Martinez. 1993. Sport fishery harvest regulations: linking direct and indirect effects. National Meeting, American Fisheries Society, Portland, OR.

***Johnson, B. M.** 1993. Departmental Seminar, University of Wyoming, Laramie, WY.

Carpenter, S. R., S. Hubler, **B. M. Johnson**, T. Johnson, J. Kitchell, R. Lathrop, L. Rudstam, and P. A. Soranno. 1993. Biomanipulation of Lake Mendota: responses of algae and anglers. Annual Meeting, American Society of Limnology and Oceanography, Alberta, Canada.

Carpenter, S. R., A. Munoz-del-Rio, S. Newman, P. W. Rasmussen, and **B. M. Johnson**. 1993. Interactions of anglers and Walleyes in Escanaba Lake, Wisconsin. National Meeting, Ecological Society of America, Madison, WI.

***Johnson, B. M.**, S. J. Gilbert, and R. S. Stewart. 1992. Stock enhancement to augment recruitment in freshwater: lessons and opportunities. National Meeting, American Society of Limnology and Oceanography, Santa Fe, NM.

***Johnson, B. M.** 1992. Fishery management problems and solutions on Lake Mendota, Wisconsin, Colorado State University Student Chapter AFS, Fort Collins, CO.

***Johnson, B. M.** 1992. Walleyes and Water Quality: Biomanipulation on Lake Mendota, Wisconsin, Research Seminar, U.S. Bureau of Reclamation, Denver, CO.

Soranno, P. A., T. B. Johnson, R. C. Lathrop, **B. M. Johnson**, S. R. Carpenter, and J.F. Kitchell. 1992. Lake Mendota biomanipulation project: 1987-1990. National Meeting, North American Lake Management Society, Cincinnati, OH.

***Johnson, B. M.**, S. J. Gilbert, and R. S. Stewart. 1991. What we've learned from the Lake Mendota Project. Statewide Fisheries Management Meeting, Wisconsin Department of Natural Resources, Lake Geneva, WI.

***Johnson, B. M.**, S. J. Gilbert, and R. S. Stewart. 1990. The Lake Mendota biomanipulation. Statewide Water Resources Management Meeting, Wisconsin Department of Natural Resources, Waupaca, WI.

Johnson, B.M., S. J. Gilbert, and R. S. Stewart. 1990. Modeling the consumption of planktivorous fishes by stocked piscivores: forecasts and observations. Annual Meeting, Wisconsin, Iowa Chapters of the American Fisheries Society, Prairie du Chien, WI.

***Johnson, B. M.**, S. J. Gilbert, and R. S. Stewart. 1990. Piscivores, their prey, and the Lake Mendota fishery. Lake Mendota Project Symposium, Madison, WI.

Johnson, B. M., S. J. Gilbert, R. S. Stewart. 1990. Rehabilitating a Walleye population by stocking: assessment techniques and constraints on recruitment. Midwest Fish and Wildlife Conference, Minneapolis, MN.

***Johnson, B. M.**, S. J. Gilbert, R. S. Stewart. 1989. An evaluation of the 15-inch size limit on Walleyes in Lake Mendota. Wisconsin Department of Natural Resources Statewide Fisheries Management Meeting, Fond du Lac, WI.

Johnson, B. M., S. J. Gilbert, R. S. Stewart. 1988. Modeling the consumption of planktivorous fishes by stocked piscivores: forecasts and observations. Midwest Fish and Wildlife Conference, Springfield, IL.

Johnson, B. M., S. J. Gilbert, R. S. Stewart, and M.D. Staggs. 1987. Integrating trophic relationships into the development of harvest regulations for piscivorous gamefish. Midwest Fish & Wildlife Conference, Milwaukee, WI.

Johnson, B. M., R. A. Stein, and R. F. Carline. 1985. An evaluation of quadrat rotenone to assess the abundance of forage fishes in the littoral zone. National Meeting, American Fisheries Society, Sun Valley, ID.

GRANTS AND CONTRACTS

Years	Sponsor and project title	Role	Amount
2023	Private donor, Flow variation in the Blue River	Co-PI	\$83,000
2023	Colorado Parks and Wildlife: Triploid Walleye: a new frontier for managing coolwater predators in the West (Postdoc)	Co-PI	\$66,000
2022	Private donor, Flow variation in the Blue River	Co-PI	\$72,500
2021	CSU Provost's Office COVID-19 Teaching & Research Student Employment Initiative	PI	\$1,560
2021	Private donor, Flow variation in the Blue River	Co-PI	\$51,000
2020-2022	Colorado Parks and Wildlife: Triploid Walleye: a new frontier for managing coolwater predators in the West (amendment)	Co-PI	\$180,262
2019	Private donor, "Mysis investigations"	PI	\$104,500
2018-2020	Colorado Parks and Wildlife: Triploid Walleye: a new frontier for managing coolwater predators in the West	Co-PI	\$182,000
2018	Private donor, "Mysis investigations"	PI	\$180,500
2017	Private donor, "Mysis investigations"	PI	\$144,400
2016	Private donor, "Mysis investigations"	PI	\$140,000
2015	Private donor, "Mysis investigations"	PI	\$135,000
2015-2017	National Science Foundation IGERT, CSU I-WATER Fellowship to Kyle Christianson	Advisor	\$93,000
2014	Private donor, "Mysis investigations"	PI	\$115,000
2013-2014	Northern Colorado Water Conservancy District, "Effects of water	PI	\$65,142

Years	Sponsor and project title	Role	Amount
	clarity and other factors on aquatic life of Grand Lake, Colorado"		
2013	Private Donor, "Trophic ecology at Dillon Reservoir"	PI	\$51,000
2012-2015	Colorado Dept. of Public Health and Environment, "Characterizing Bioaccumulation of Mercury in Sport Fish: Informing TMDL Development and Modeling Mitigation Strategies in Front Range Reservoirs"	PI	\$286,365
2012-2015	Wyoming Game and Fish "Quantifying Piscivory in Buffalo Bill Reservoir: Are the wild Oncorhynchus fisheries sustainable?"	PI	\$161,160
2012	Private donor. Lodging, iPads for creel and economic surveys	PI	\$39,489
2012	U.S. Fish and Wildlife Service Upper Colorado River Recovery Program. "Chemically Fingerprinting Nonnative Fishes in Reservoirs"	PI	\$6,100
2012	National Park Service. Lake Trout diet and stable isotope analysis	PI	\$10,000
2011	June Sucker Recovery Program.	PI	\$49,000
2011	Private donor. Research to Maximize the Sport Fishery Potential at Dillon Reservoir	PI	\$135, 668
2011	National Park Service. Lake Trout diet and stable isotope analysis	PI	\$10,000
2010	Private donor. Research to Maximize the Sport Fishery Potential at Dillon Reservoir	PI	\$15,467
2010	Colorado Division of Wildlife. In kind contribution: Hotsy hot water pressure washer for Fisheries Program	PI	\$4,995
2009-2010	National Park Service. Evaluate Lake Trout suppression strategies"	PI	\$20,000
2009-2012	Colorado Division of Wildlife. "Evaluate Lake Trout suppression strategies"	PI	\$141,000
2009-2010	Colorado Department of Public Health and Environment. "Bioaccumulation of mercury in aquatic food webs: Integrating research and management towards remediation"	PI	\$25,488
2008	U.S. Fish and Wildlife Service Upper Colorado River Recovery Program. "Chemically Fingerprinting Nonnative Fishes in Reservoirs"	PI	\$29,680
2007-2011	Colorado Division of Wildlife. "Management of mercury bioaccumulation in Colorado reservoirs"	PI	\$185,000
2007-2009	Colorado Division of Wildlife. "Analysis & Publications"	PI	\$92,566
2007	U.S. Fish and Wildlife Service Upper Colorado River Recovery Program. "Chemically Fingerprinting Nonnative Fishes in Reservoirs"	PI	\$42,821
2006	U.S. Fish and Wildlife Service Upper Colorado River Recovery Program. "Chemically Fingerprinting Nonnative Fishes in Reservoirs"	PI	\$20,557

Years	Sponsor and project title	Role	Amount
2006-2007	Colorado Division of Wildlife. "Regional growth and diet of Walleyes"	PI	\$2,400
2006-2007	Colorado Division of Wildlife. "Isotopic, elemental and bioenergetics studies",	PI	\$46,172
2005-2006	Colorado Division of Wildlife. "Stable isotopes and statistics"	PI	\$38,900
2004-2006	Whirling Disease Initiative. "Forensic applications of otolith microchemistry for tracking sources of illegally stocked whirling disease positive trout"	Co-PI	\$114,659
2004-2005	Colorado Division of Wildlife. "Stable isotopes and statistics"	PI	\$25,000
2003-2004	U.S. Bureau of Reclamation. "Ecosystem monitoring during Horsetooth Reservoir refilling"	PI	\$44,950
2003-2005	U.S. Fish and Wildlife Service Upper Colorado River Endangered Fish Recovery Program. "Provenance and trophic roles of nonnative fishes"	PI	\$185,000
2002-2004	Colorado Division of Wildlife. "Stable isotopes and statistics"	PI	\$42,600
1998-2002	U.S. Geological Survey. "Air quality effects", (with Dr. Jill Baron)	Co-PI	\$174,000
1993-2003	U.S. Bureau of Reclamation. "Ecological effects of reservoir operations on Blue Mesa Reservoir"	PI	\$594,234
2000-2001	National Park Service. "Kokanee in Blue Mesa Reservoir: causes for their decline and strategies for recovery"	PI	\$40,000
2000-2001	Colorado Division of Wildlife. "Sonar, telemetry, isotopes, statistics "	PI	\$12,000
1999-2000	North Front Range Water Quality Planning Association. "Top-down influences on water quality in Front Range reservoirs"	PI	\$6,500
1999-2000	Colorado Division of Wildlife. "Trophic interactions in Colorado reservoirs"	PI	\$18,000
1998-1999	U.S. Geological Survey. "Lake Shasta food web analysis using bioenergetics, stable isotope analysis and trophic models"	Co-PI	\$11,000
1998-1999	North Front Range Water Quality Planning Association. "Top-down influences on water quality in Front Range reservoirs"	PI	\$2,000
1998-1999	Colorado Division of Wildlife. "Trophic interactions in Colorado reservoirs- bioenergetics"	PI	\$49,350
1998-1999	Colorado Division of Wildlife. "Age and growth of Rio Grande sucker"	PI	\$5,000
1994-1997	U.S. Fish and Wildlife Service. "Effects of sediment contaminants on macroinvertebrate and fish assemblages in lower lakes at Rocky Mountain Arsenal", (with Dr. W. H. Clements)	Co-PI	\$355,000
1996-1997	Colorado Division of Wildlife. "Trophic interactions in Colorado reservoirs- bioenergetics"	PI	\$20,084

Years	Sponsor and project title	Role	Amount
1996-1997	Colorado Division of Wildlife. "Rio Grande sucker in Colorado: status and ecology", (with Dr. R. T. Muth)	Co-PI	\$31,847
1996-1997	Colorado Division of Wildlife. "Hydroacoustic biomass estimates in coldwater reservoirs"	PI	\$11,390
1995-1996	Colorado Division of Wildlife. "Trophic interactions in Colorado reservoirs- bioenergetics"	PI	\$12,226
1995-1996	Colorado Division of Wildlife. "Rio Grande sucker in Colorado: status and ecology", (with Dr. R. T. Muth)	Co-PI	\$25,779
1995-1996	Colorado Division of Wildlife. "Hydroacoustic biomass estimates in coldwater reservoirs"	PI	\$23,736
1994-1995	Colorado Division of Wildlife. "Trophic interactions in Colorado reservoirs- bioenergetics"	PI	\$12,129
1994-1995	Colorado Division of Wildlife. "Rio Grande sucker in Colorado: status and ecology", (with Dr. R. T. Muth)	Co-PI	\$6,730
1994-1995	Colorado Division of Wildlife. "Hydroacoustic biomass estimates in coldwater reservoirs"	PI	\$16,993
1993-1994	Colorado Division of Wildlife. "Trophic interactions in Colorado reservoirs- bioenergetics"	PI	\$16,185

MENTORING

Graduate Students

19. **Nitsa Platis, M.S.**, expected 2024. TBD. (co-advised with Yoichiro Kanno)
18. **Isaac Thibedeau, M.S.**, expected 2023. TBD. (co-advised with K.R. Bestgen)
17. **Collin Farrell, Ph.D.**, expected 2022. "Triploid Walleye: a new frontier for managing coolwater predators in the West". (co-advised with C.A. Myrick)
16. **Kyle Christianson, Ph.D.**, expected 2018. "Effects of climate change on thermal regimes and trophic interactions in high elevation lakes". Department of Fish, Wildlife and Conservation Biology (Postdoctoral research Fellow, University of Colorado)
15. **Clark Johnson, M.S.**, 2015. "Illegal Walleye introduction may destabilize a wild Lake Trout—Cutthroat Trout fishery in a Wyoming reservoir". Department of Fish, Wildlife and Conservation Biology. (Fishery biologist, Wyoming Game and Fish Department)
14. **Devin Olsen, M.S.**, 2014. "Arctic char (*Salvelinus alpinus*) can enhance fisheries in reservoirs with trophic constraints". M.S. Department of Fish, Wildlife and Conservation Biology. (Research biologist, KFS Consultants)
13. **William Pate, M.S.**, 2013. "Management strategies for multi-use recreational fisheries: coexistence of Kokanee and Lake Trout in western waters". Department of Fish, Wildlife and Conservation Biology. (Research Associate, CSU)
12. **Brian Wolff, M.S.**, 2011. "Origins and movements of invasive piscivores determined from natural isotopic markers in otoliths". Department of Fish, Wildlife and Conservation Biology. (Ph.D. Program, CSU)
11. **Daniel Gibson-Reinemer, M.S.**, 2008. "Elemental signatures in otoliths of hatchery trout: distinctiveness and utility for detecting origins and movement". Department of Fish, Wildlife and Conservation Biology. (PhD program, University of Wyoming)
10. **Marci Koski, Ph.D.**, 2004. "Predicting the effects of environmental change on the behavior, growth, and

predation risk of juvenile Kokanee salmon". Graduate Degree Program in Ecology. (Biologist, Ecological Services, U.S. Fish and Wildlife Service)

9. **Jill Hardiman, M.S.**, 2004. "Predation risk and limnological conditions drive seasonal distribution of young—of-year Kokanee in a Colorado reservoir. Department of Fishery and Wildlife Biology. (Assistant Science Coordinator, Northwest Climate Science Center)

8. **Harry Crockett, M.S.**, 2004. "Assessment of Lake Trout abundance and ecology in a Colorado reservoir using hydroacoustic and mark-recapture techniques". Graduate Degree Program in Ecology. (Administrator, Colorado Division of Wildlife)

7. **Brenda Moraska Lafrancois, Ph.D.**, 2002. "Algal and invertebrate responses to atmospheric nitrogen deposition in Rocky Mountain lakes". Graduate Degree Program in Ecology (co-advised). (Research Administrator, National Park Service)

6. **Koren Nydick, Ph.D.**, 2002. "Mountain lake responses to elevated nitrogen deposition". Graduate Degree Program in Ecology (co-advised). (Director, Mountain Studies Institute, Silverton, CO)

5. **Marci Koski, M.S.**, 2000. " ". Graduate Degree Program in Ecology. (Biologist, Ecological Services, U.S. Fish and Wildlife Service)

4. **Stephen Johnson, M.S.**, 1998. "Acoustic target strength estimates of Opossum shrimp (*Mysis relicta*) using a split-beam echosounder". Department of Fishery and Wildlife Biology.

3. **Nicole MacRury, M.S.**, 1997. "Influence of parasites and organochlorines on bioenergetics and feeding behavior of largemouth bass". Department of Fishery and Wildlife Biology. (Aquatic Researcher, Colorado Division of Wildlife)

2. **Susan Swift-Miller, M.S.**, 1996. "Ecology and conservation of Rio Grande sucker *Catostomus plebeius*". Department of Fishery and Wildlife Biology. (U.S. Forest Service, Monte Vista, CO)

1. **Michael Wise, M.S.**, 1996. "*Daphnia* sampling efficiency and the relative influence of Kokanee predation on *Daphnia* population dynamics in Blue Mesa Reservoir, Colorado". Department of Fishery and Wildlife Biology.

Postdoctoral Researchers

5. **Dr. Collin Farrell**, 2023

4. **Dr. Jesse Lepak**, 2008-2010. (Aquatic Research Biologist, Colorado Division of Wildlife)

3. **Dr. Gregory Whitley**, 2003-2004. (Associate Prof., Dept. of Zoology, S. Illinois University)

2. **Dr. Laurel Saito**, 2000. (Professor, Dept. of Environ. & Resource Sciences Univ. of Nevada-Reno)

1. **Dr. Jason D. Stockwell**, 1996-1998. (Associate Prof.; Director, Rubenstein Ecosystem Science Lab)

Undergraduate assistants, Honors, volunteers

106. Grace La Canfora

105. Rose Stahl

104. Brenna Funk

103. Collin Miller

102. Nick Jagim

101. Elliot Batta

100. Justin Warner

99. Chris Georgalos

98. Carl Cruz

97. Thomas Wallace

96. Kelley Sinning

95. Ava Spencer

94. Shane Carlson

93. Brandon Stop

92. Amelia Woodul

91. Dallas Looked

90. Nathan Hogan
89. Jamie Reiman
88. Camden Kirkpatrick
87. Sydnee Monson
86. Tait Steinbrenner, BS, Natural Resource Recreation and Tourism
85. Laura Bashor
84. Jacob Ellis, BS, Fish, Wildlife and Conservation Biology
83. Troy Sterling, BS, Fish, Wildlife and Conservation Biology
82. Jim Tarzon, BS, Fish, Wildlife and Conservation Biology
81. Adele Shirmer, BS, Fish, Wildlife and Conservation Biology
80. Alex Burns, BS, Fish, Wildlife and Conservation Biology
79. Travis Gilmore, BS, Fish, Wildlife and Conservation Biology
78. Riley Breshears, BS, Fish, Wildlife and Conservation Biology
77. Aspen Thies, BS, Fish, Wildlife and Conservation Biology
76. Dasha Petrova, BS, Ecosystem Science and Sustainability
75. Westley Landry-Murphy, Zoology
74. Christian Narby, BS, Fish, Wildlife and Conservation Biology
73. Sutton Ballard, BS Fish, Wildlife and Conservation Biology
72. Jack Bonner, BS, Fish, Wildlife and Conservation Biology, expected 2022
71. Chase Newlon, BS, Fish, Wildlife and Conservation Biology, expected 2022
70. Kade Jackson, BS- Honors, Fish, Wildlife and Conservation Biology, expected 2022
69. Lilliana Boyer-Rosales, BS, Fish, Wildlife and Conservation Biology, expected 2022
68. Lillian Legg, BS, Fish, Wildlife and Conservation Biology, expected 2021
67. Matt Swerdtfeger, BS, Fish, Wildlife and Conservation Biology, 2021
66. Travis Gilmore, BS, Fish, Wildlife and Conservation Biology, 2021
64. Joe Pitti, BS Ecosystem Science and Sustainability, FAS Minor, (Honors), 2021
63. Lindsey Roberts, BS Fish, Wildlife and Conservation Biology, 2020
62. Noah Angell, BS Fish, Wildlife and Conservation Biology, 2020
61. James Grinolds, BS Fish, Wildlife and Conservation Biology, 2019
60. Krista Harrington, BS Fish, Wildlife and Conservation Biology, 2017
59. Meaghan Rupprecht, BS Fish, Wildlife and Conservation Biology, 2017
58. Will Lennon, BS Fish, Wildlife and Conservation Biology, 2020
57. Brenden Sucher, BS Fish, Wildlife and Conservation Biology, 2017
56. Casey Barby, BS Fish, Wildlife and Conservation Biology, 2017
55. Orion McComas, BS Fish, Wildlife and Conservation Biology, 2016
54. Katie Rohwer, BS Fish, Wildlife and Conservation Biology, 2016
53. Marshall Wolf, BS Ecosystem Science and Sustainability, 2015
52. Josh Martinez, BS Fish, Wildlife and Conservation Biology, withdrew
51. Andy Oringer, BS Environmental and Natural Resource Economics, 2015
50. Will Radigan, BS Fish, Wildlife and Conservation Biology, 2014
49. Brian Metzger, BS Fish, Wildlife and Conservation Biology, 2014
48. Jacob Hayungs, BS Fish, Wildlife and Conservation Biology, 2014
47. Nathan Jensen, BS Fish, Wildlife and Conservation Biology, 2014
46. Elizabeth Dowling, BS Fish, Wildlife and Conservation Biology, 2014
45. Ann Bishop, BS Natural Resources Management, 2013
44. Brittany Woodward, BS Fish, Wildlife and Conservation Biology, 2013
43. Cody Olson, BS Zoology, 2013 (MS program, Cal State)
42. Dan Cammack, BS Fish, Wildlife and Conservation Biology, 2013

41. Megan Weber, BS Fish, Wildlife and Conservation Biology, 2013
40. Anna Perez-Umphrey, BS Fish, Wildlife and Conservation Biology, 2013
39. Katie Fialko, BS Natural Resources Management, 2013
38. Clancy Jandreau, BS Fish, Wildlife and Conservation Biology, 2013
37. Matt Webb, BS Fish, Wildlife and Conservation Biology, 2012
36. Ryan Sanderson, BS Fish, Wildlife and Conservation Biology
35. Jared Milhaus, BS Fish, Wildlife and Conservation Biology
34. Lauren Hargis, BS
33. Joe Collins, BS
32. Nate Cathcart, BS Fishery Biology, 2011
31. Will Stacy, BS Wildlife Biology, 2010
30. Stacie Grannum, BS Biomedical Sciences, 2010
29. Theresa Connelly, BS Equine Science, 2010
28. Bill Pate, BS Fishery Biology, 2009
27. Eric Gardunio, BS Fishery Biology, 2008
26. Jamie Thompson, BS
25. Justin Butteris, BS
24. Benjamin Felt, BS Fishery Biology, 2007
23. Adam Thompson, BS Fishery Biology, 2007
22. Scott Murdock, BS Fishery Biology, 2007
21. Michael Dodrill, BS Fishery Biology, 2007
20. Kelli Rehder, MS Geosciences
19. Joel Wixson, BS Fishery Biology, 2005
18. Mario Sullivan, BS Fishery Biology, 2004
17. Brian Wolff, BS Fishery Biology, 2005
16. Randy Oplinger, BS Fishery Biology, 2004
15. Alissa Gigliotti, BS Fishery Biology, 2002
14. Sean Tackley, BS Wildlife Biology 2002
13. Josh Hobgood, BS Fishery Biology, 2001
12. Brian Graeb, BS Fishery Biology 1999
11. Robert Dabkowski, BS Fishery Biology 1999
10. Dave Shuler, BS Fishery Biology 1999
9. Tim Sundlov, BS Fishery Biology 1999
8. Shawndra Mahorter, BS Wildlife Biology 1998
7. Krista Bonfantine, BS Biological Science 1997
6. Lance Clarke, 2nd BS Fishery Biology 1997
5. Jason Garner, BS Zoology 1997
4. Rob Bringuel, BS Wildlife Biology 1997
3. Dana Pittman, BS Wildlife Biology 1996
2. Adam Craig, BS Wildlife Biology 1996
1. Glenn Szerlong, BS Fishery Biology 1996

AWARDS TO MY STUDENTS

<u>Year</u>	<u>Award</u>	<u>Student</u>
2022	Editor's Choice, Canadian Journal of Fisheries and Aquatic Sciences	Collin Farrell
2022	Colorado/Wyoming Chapter of the American Fisheries Society Travel Grant	Collin Farrell
2021	WCNR Hill Memorial Scholarship	Collin Farrell
2021	WCNR Best Graduate Teaching Assistant	Collin Farrell

2020	Patrick Kokovsky and Danielle Young Scholarship	Collin Farrell
2020	Best Student Paper, CO-WY Chapter American Fisheries Society	Collin Farrell
2020	Travel Award, American Fisheries Society national meeting	Collin Farrell
2019	Hill Memorial Scholarship, Warner College of Natural Resources, CSU	Collin Farrell
2017	Robert Behnke/Rocky Mountain Flycasters Scholarship	Kyle Christianson
2016	Best Student Poster, CO/WY American Fisheries Society	Kyle Christianson
2015	NSF I-WATER Fellowship, Colorado State University	Kyle Christianson
2014	Robert Behnke/Rocky Mountain Flycasters Scholarship	Clark Johnson
2013	Cutthroat Chapter Trout Unlimited Scholarship	Clark Johnson
2013	West Denver Chapter Trout Unlimited Scholarship	Clark Johnson
2013	Best Student Presentation, CO/WY American Fisheries Society	Devin Olsen
2013	High Honors, CSU Celebrate Undergraduate Research & Creativity Symposium	Cody Olson
2012	Warner College of Natural Resources Graduate Fellowship,	Clark Johnson
2012	Robert Behnke/Rocky Mountain Flycasters Scholarship	Devin Olsen
2012	West Denver Chapter Trout Unlimited Scholarship	Devin Olsen
2012	Cutthroat Chapter Trout Unlimited Scholarship	Devin Olsen
2011	Highest Honors, Celebrate Undergraduate Research & Creativity Symposium	Katie Fialko
2010	Robert Behnke/Rocky Mountain Flycasters Scholarship	Brian Wolff
2008	Hill Memorial Fellowship, College of Natural Resources	Brian Wolff
2005	West Denver Chapter Trout Unlimited Scholarship	Dan Gibson-Reinemer
2003	Best Presentation, Front Range Student Ecology Symposium	Marci Koski
2002	Best Poster Award, CO/WY American Fisheries Society	Marci Koski
2001	Best Poster Award, 5th Annual CSU Student Water Symposium	Marci Koski
2001	West Denver Chapter Trout Unlimited Scholarship	Jill Hardiman
2001	Gilbert Memorial Scholarship, CSU Dep. of Fishery & Wildlife Biology	Jill Hardiman
2000	USDA National Needs Water Science Fellowship	Marci Koski
2000	Anderson Memorial Scholarship, CSU College of Natural Resources	Marci Koski
2000	Gilbert Memorial Scholarship, CSU Dep. of Fishery & Wildlife Biology	Jill Hardiman
1999	Anderson Memorial Scholarship, CSU College of Natural Resources	Brenda Moraska
1999	Canon Fellowship	Koren Nydick
1999	Best Poster, CSU Student Water Symposium	Koren Nydick
1998	University Graduate Fellowship Award, CSU Graduate School	Brenda Moraska
1997	Honorable Mention, Best Paper, CSU Student Ecology Symposium	Nicole MacRury
1997	Society for Environmental Toxicology and Chemistry Travel Award	Nicole MacRury
1996	Special Graduate Fellowship, CSU Graduate School	Nicole MacRury
1996	Best Paper Award, CSU Graduate Student Ecology Symposium	Nicole MacRury
1996	Best Student Poster Award, CO/WY American Fisheries Society	S. Swift, S. Johnson
1995	Graduate Fellowship, CSU Graduate School	Sue Swift
1995	Special Scholarship, CSU College of Natural Resources	Mike Wise
1994	Diversity Scholarship, Colorado Division of Wildlife	Sue Swift
1994	Graduate Fellowship, CSU Graduate School	Mike Wise

PROFESSIONAL DEVELOPMENT

Training

2023	Hazardous waste training, CSU
2022	Hazardous waste training, CSU
2021	Hazardous waste training, CSU
2021	Campus Security Authority training, CSU

2021 IACUC Training: Animal Care and Use, CSU
 2020 Title IX training, Office of the Attorney General
 2020 Campus Security Authority training, CSU
 2020 Designing your Online Course, Institute for Learning and Teaching, CSU
 2020 University Discipline Appeals Board training, CSU
 2019 FWCB Diversity and Inclusion Workshop, CSU Office of the Vice President for Diversity
 2019 CSU Web Accessibility Open House, CSU Web Accessibility Committee
 2018 Data analysis using R, CO-WY AFS
 2017 Digital Measures, CSU
 2017 Data analysis using R, CSU
 2017 Environmental DNA (eDNA) sampling for freshwater species, CO/WY/UT AFS
 2016 IACUC Training: Animal Care and Use, CSU
 2015 University Discipline Appeals Board training, CSU
 2015 Search Chair training, CSU
 2014 Students At Risk training, CSU
 2011 United Nations employee security training, UN FAO
 2009 Preventing sexual harassment, CSU
 2008 Responsible conduct of research, CSU RICRO
 2007 Backpack electrofishing short course, NW Environmental Training Center
 2006 Statistical power analysis workshop, CSU
 2004 Mobile Computing, CSU Professional Development Institute
 2003 Hydroacoustics for Mobile Surveys workshop, CDOW, Grand Junction
 2002 Information-Theoretic Methods workshop, CSU
 2002 Acquisition Card (ACard) training, CSU
 2002 Search Committee Chair training, CSU
 2002 Undergraduate Advising information session, CSU
 2001 Open water SCUBA refresher course, (SSI)
 2001 Hydroacoustics for Mobile Surveys short course, Dutch John, UT
 2000- Hazardous Waste, Environmental Health Services, CSU
 present

Professional conferences

2023	CO-WY AFS Annual Meeting	Fort Collins, CO
2023	Upper Colorado River Basin Researchers' Meeting	Virtual
2022	CO-WY AFS Annual Meeting	Virtual
2021	Upper Colorado River Basin Researchers' Meeting	Virtual
2020	American Fisheries Society, national meeting	Virtual
2019	CO/WY Chapter of the American Fisheries Society	Fort Collins, CO
2018	CO/WY Chapter of the American Fisheries Society	Laramie, WY
2017	North American Lake Management Society	Denver, CO
2017	Western Division of the American Fisheries Society	Missoula, MT
2017	CO/WY/UT Chapters of the American Fisheries Society	Grand Junction, CO
2016	CO/WY Chapter of the American Fisheries Society	Laramie, WY
2015	CO/WY Chapter of the American Fisheries Society	Fort Collins, CO
2014	CO/WY Chapter of the American Fisheries Society	Laramie, WY
2013	CO/WY Chapter of the American Fisheries Society	Fort Collins, CO
2011	32 nd Annual Upper Colorado River Basin Researchers' Meeting	Moab, UT
2011	CO/WY Chapter of the American Fisheries Society	Fort Collins, CO

2011	World Recreational Fishing Conference	Berlin, Germany
2010	31 th Annual Upper Colorado River Basin Researchers' Meeting	Grand Junction, CO
2010	CO/WY Chapter of the American Fisheries Society	Laramie, WY
2009	30 th Annual Upper Colorado River Basin Researchers' Meeting	Grand Junction, CO
2009	CO/WY Chapter of the American Fisheries Society	Loveland, CO
2008	29 th Annual Upper Colorado River Basin Researchers' Meeting	Moab, UT
2008	CO/WY Chapter of the American Fisheries Society	Cheyenne, WY
2007	28 th Annual Upper Colorado River Basin Researchers' Meeting	Grand Junction, CO
2007	CDOW Statewide Kokanee and reservoir management meeting	Fort Collins, CO
2007	CO/WY Chapter of the American Fisheries Society	Fort Collins, CO
2006	CO/WY Chapter of the American Fisheries Society	Cheyenne, WY
2006	Colorado Lake and Reservoir Management Association	Lakewood, CO
2005	CO/WY Chapter of the American Fisheries Society	Fort Collins, CO
2005	26 th Annual Upper Colorado River Basin Researchers' meeting	Grand Junction, CO
2005	Whirling Disease Symposium	Denver, CO
2004	Upper Colorado River Basin Researchers' meeting	Moab, UT
2004	CO/WY Chapter of the American Fisheries Society	
2003	CO/WY, Bonneville Chapters, American Fisheries Society	Grand Junction, CO
2002	CO/WY Chapter of the American Fisheries Society	Laramie, WY
2001	CO/WY Chapter of the American Fisheries Society	Cheyenne, WY
2001	Ecological Society of America	Madison, WI
2000	International Kokanee Salmon Workshop	Coeur d'Alene, ID
2000	Colorado Lake and Reservoir Management Association	Morrison, CO
1999	National Meeting of the American Fisheries Society	Charlotte, NC
1999	CO/WY Chapter of the American Fisheries Society	Cheyenne, WY
1998	USA-ROC Workshop on Wildlife Conservation Techniques	Taipei, Taiwan
1998	CO/WY, Bonneville Chapters, American Fisheries Society	Grand Junction, CO
1998	International Kokanee Salmon Workshop	Kalispel, MT
1998	National Meeting of the American Fisheries Society	Hartford, CT
1997	North American Lake Management Society	Houston, TX
1997	National Meeting of the American Fisheries Society	Monterey, CA
1997	American Society of Limnology and Oceanography	Sante Fe, NM
1997	CO/WY Chapter of the American Fisheries Society	Cheyenne, WY
1996	National Meeting of the American Fisheries Society	Dearborn, MI
1995	International Percid Symposium	Vaasa, Finland
1994	CO/WY Chapter of the American Fisheries Society	Fort Collins, CO
1993	CO/WY Chapter of the American Fisheries Society	Laramie, WY
1993	International Kokanee Salmon Workshop	Spokane, WA
1993	Ecological Society of America	Madison, WI
1993	National Meeting of the American Fisheries Society	Portland, OR
1992	American Society of Limnology and Oceanography	Sante Fe, NM
1991	Western Division of the American Fisheries Society	Fort Collins, CO
1991	WDNR Statewide Fisheries Management Meeting	Lake Geneva, WI
1991	WDNR Statewide Water Resources Meeting	Waupaca, WI
1990	Midwest Fish and Wildlife Conference	Minneapolis, MN
1990	National Meeting of American Fisheries Society	Pittsburgh, PA
1990	Lake Mendota Symposium	Madison, WI
1990	WI/IA Chapters of the American Fisheries Society	Prairie du Chien, WI

1989	Midwest Fish and Wildlife Conference	Springfield, IL
1989	WDNR Statewide Fisheries Management Meeting	Fond du Lac, WI
1988	WDNR Statewide Fisheries Management Meeting	La Crosse, WI
1987	Midwest Fish and Wildlife Conference	Milwaukee, WI
1987	WDNR Statewide Fisheries Management Meeting	Stevens Point, WI
1987	Wisconsin Chapter of the American Fisheries Society	Stevens Point, WI
1986	National Meeting of the American Fisheries Society	Providence, RI
1985	National Meeting of the American Fisheries Society	Sun Valley, ID
1985	Ecological and Evolutionary Ethology of Fishes	Guelph, Ontario
1985	Midwest Ecology Conference	Hickory Corners, MI
1985	Ohio Chapter of American Fisheries Society	Columbus, OH
1984	National Meeting of American Fisheries Society	Ithaca, NY
1984	Graduate Student Symposium on Ecology	Columbus, OH
1984	Ohio Chapter of American Fisheries Society	Columbus, OH
1983	Midwest Population Biology Conference	Champaign, IL