

MICHAEL C. QUIST

CURRICULUM VITAE

August 2015

ADDRESS

U.S. Geological Survey—Idaho Cooperative Fish and Wildlife
Research Unit
Department of Fish and Wildlife Sciences
University of Idaho
PO Box 441141
Moscow, Idaho 83844
Office: (208) 885-4064
Cellular: (208) 301-8285
mcquist@uidaho.edu

ACADEMIC BACKGROUND

- 2005 Postdoctoral Research Associate, Wyoming Cooperative Fish and
Wildlife Research Unit, Department of Zoology and Physiology,
University of Wyoming. Research focus: *Methods for sampling and
assessing habitat characteristics and fishes in stream systems; interactions
among abiotic and biotic processes; influence of anthropogenic
disturbances and nonnative species on the conservation and management
of warmwater fishes*
- 2002 Ph.D. Biology, Kansas State University. Ph.D. Dissertation: *Abiotic
factors and species interactions that influence recruitment of walleyes in
Kansas reservoirs*
- 1999 M.S. Biology, Kansas State University. M.S. Thesis: *Structure and
function of fish communities in streams on Fort Riley Military
Reservation*
- 1996 B.S. Fishery Resources, University of Idaho, *cum laude*

EMPLOYMENT

- 2013-present Associate Professor, Department of Fish and Wildlife Sciences,
University of Idaho
- 2010-present Assistant Unit Leader—Fish, U.S. Geological Survey—Idaho
Cooperative Fish and Wildlife Research Unit
- 2010-2013 Assistant Professor, Department of Fish and Wildlife Sciences,
University of Idaho

- 2005-2010 Assistant Professor, Department of Natural Resource Ecology and Management, Iowa State University
- 2002-2005 Postdoctoral Research Associate, Wyoming Cooperative Fish and Wildlife Research Unit, Department of Zoology and Physiology, University of Wyoming
- 1999-2002 Graduate Teaching Assistant (Ph.D.), Division of Biology, Kansas State University
- 1996-1999 Graduate Research Assistant (M.S.), Division of Biology, Kansas State University
- 1993-1996 Idaho Department of Fish and Game, Fisheries Technician

TEACHING EXPERIENCE

- 2010-present Department of Fish and Wildlife Sciences, University of Idaho. Instructor for Fish and Wildlife Seminar, Ecological Thresholds, and Advanced Fisheries Techniques.
- 2005-2010 Department of Natural Resource Ecology and Management, Iowa State University. Instructor for Fish Biology, Fisheries Techniques, Natural History of Iowa Vertebrates, and Applied Fish Ecology. Co-leader of the Study Abroad program to South Korea.
- 1996-2002 Division of Biology, Kansas State University. Laboratory instructor for Principles of Biology, Organismic Biology, Wildlife Conservation, Ichthyology, and Fisheries Management.
- 1998-2002 Boy Scouts of America. Short courses on fish and wildlife management and the natural resource profession.
- 1993-1996 Idaho Department of Fish and Game. Hunter's Safety Instructor.

GRADUATE STUDENT MENTORING

Current

- Zachary Beard. Thesis title: Survival, movement, and habitat use of burbot in tributary systems of the Kootenai River. Expected graduation: 2016.
- Philip Branigan. Thesis title: Microhabitat use of native and nonnative fishes in the Kootenai River system. Expected graduation: 2016.
- Zachary Klein. Dissertation title: Kokanee population dynamics, mysid-kokanee interactions, and sampling techniques in Idaho lakes. Expected graduation: 2018.

Completed

- Marika Dobos. Thesis title: Movement, distribution, and resource use of westslope cutthroat trout in the South Fork Clearwater River basin. Initial employment: Fisheries Technician, Nez Perce Tribe.
- Elizabeth Ng. Thesis title: Population dynamics and trophic ecology of nonnative lake trout in Priest Lake, Idaho. Initial employment: M.S. student in Statistical Science, University of Idaho.
- Zach Klein. Thesis title: Population ecology and the suppression of burbot in the Green River, Wyoming. Initial employment: Ph.D. student in Fishery Resources, University of Idaho.
- Carson Watkins. Thesis title: Fish assemblage and population responses to habitat restoration of side channels in the Kootenai River. M.S. awarded 2014. Initial employment: Regional Fisheries Biologist, Idaho Department of Fish and Game.
- John Walrath. Thesis title: Population dynamics and trophic ecology of northern pike and smallmouth bass in Coeur d'Alene Lake: implications for the conservation of westslope cutthroat trout. M.S. awarded 2013. Initial employment: Regional Fisheries Biologist, Wyoming Game and Fish Department.
- Steven Whitlock. Thesis title: Kokanee spawning ecology and recruitment response to water level management in Lake Pend Oreille. M.S. awarded 2013. Initial employment: Fisheries Technician, Oregon Department of Fish and Wildlife.
- Christopher Smith. Thesis title: Assessment of sampling techniques and fish assemblage structure in large western river systems. M.S. awarded 2013. Initial employment: Fisheries Specialist, Minnesota Department of Natural Resources.
- Timothy Parks. Thesis title: Fish assemblages in Iowa's nonwadeable rivers: distribution, relative abundance, and relations with instream habitat and barriers to movement. M.S. awarded 2013. Initial employment: Fisheries Technician, Wisconsin Department of Natural Resources.
- Jesse Fischer. Dissertation title: Benchmarks of biological integrity for restoration success: fish assemblage composition and population dynamics in Iowa lakes and impoundments. Ph.D. awarded 2012. Initial employment: Postdoctoral Research Associate, North Carolina Cooperative Fish and Wildlife Research Unit, North Carolina State University.
- Joshua McCormick. Thesis title: Assessment of angler survey methods for managing Idaho's anadromous fisheries: angler survey design and the role of social desirability bias. M.S. awarded 2012. Initial employment: Fisheries Biometrician, Oregon Department of Fish and Wildlife.
- Bryan Bakevich. Thesis title: Occurrence and abundance of Topeka shiners and phenology of fish assemblages in off-channel habitats of streams in central Iowa. M.S. awarded 2012. Initial employment: Fisheries Management Biologist, New Mexico Game and Fish Department.

- Maria Dzul. Thesis title: Population ecology and monitoring of the endangered Devils Hole pupfish. M.S. awarded 2011. Initial employment: Technician, Iowa Department of Natural Resources.
- Anthony Sindt. Thesis title: Fish species of greatest conservation need in wadeable Iowa streams—status, habitat associations, and effectiveness of species distribution models. M.S. awarded 2011. Initial employment: Fisheries Research Biologist, Ohio Department of Natural Resources.
- Travis Neebling. Thesis title: Fish assemblages in Iowa's non-wadeable rivers: relationships with habitat and sampling methods. M.S. awarded 2009. Initial employment: Fisheries Research Biologist, Wyoming Game and Fish Department.
- Jeff Koch. Thesis title: Effects of commercial harvest on shovelnose sturgeon populations in the upper Mississippi River. M.S. awarded 2008. Initial employment: Fisheries Management Biologist, Kansas Department of Wildlife and Parks.
- Zachary Jackson. Thesis title: Assessment of the interrelationships between fish population dynamics and limnological characteristics of Iowa lakes. M.S. awarded 2007. Initial employment: Fisheries Biologist, U.S. Fish and Wildlife Service.

UNDERGRADUATE RESEARCH MENTORING

- Katie McBaine. 2015-present. Food habits of burbot in the Green River basin, Wyoming, and effects of burbot in hoop nets on catch rates of native and nonnative species. Expected graduation: December 2015.
- Kayla Griffin. 2014-present. Precision of structures used to age Utah chubs. Expected graduation: May 2015.
- Jeffrey Johnson. 2013-2015. Food habits and prey selection of juvenile burbot. Initial employment: Graduate Research Assistant, Oklahoma State University.
- Jarrod Yates. 2012-2013. Precision of hard structures for aging common carp and the influence of sectioning location on age estimates. Initial employment: Fisheries Technician, Idaho Department of Fish and Game.
- Nicholas Porter. 2010-2013. Age structure and growth of bowfin in Lake Lindsay Grace, Georgia. Initial employment: Fisheries Technician, Idaho Department of Fish and game.
- Christopher Smith. 2009-2010. Population dynamics of sand shiners in Iowa rivers. Department of Natural Resource Ecology and Management, Iowa State University. Initial employment: Graduate Research Assistant, University of Idaho.
- Rebecca Krogman (formerly Burch). 2009-2010. Relative effects native and nonnative benthivorous fishes on the structure of benthic macroinvertebrate assemblages: a mesocosm experiment. Department of Natural Resource

- Ecology and Management, Iowa State University. Initial employment: Graduate Research Assistant, Mississippi State University.
- _____ 2009-2010. Spatial and temporal patterns in the commercial ictalurid fishery of the upper Mississippi River. Department of Natural Resource Ecology and Management, Iowa State University.
- Scott Bisping. 2008-2009. Age structure, growth, and mortality of central stonerollers in Iowa streams. Department of Natural Resource Ecology and Management, Iowa State University. Initial employment: Fisheries Research Technician, Florida Fish and Wildlife Conservation Commission.
- _____ 2008-2009. Black bullhead population dynamics in Iowa natural lakes. Department of Natural Resource Ecology and Management, Iowa State University.
- Matthew Mork. 2008-2009. Black bullhead population dynamics in Iowa natural lakes. Department of Natural Resource Ecology and Management, Iowa State University. Initial employment: Graduate Research Assistant, Tennessee Technological University.
- Andrew Schaefer. 2008-2009. Age structure, growth, and mortality of central stonerollers in Iowa streams. Department of Natural Resource Ecology and Management, Iowa State University. Initial employment: Fisheries Research Technician, Illinois Natural History Survey.
- Skyler Wigen. 2007-2008. Age structure and growth of creek chubs in central Iowa streams. Department of Natural Resource Ecology and Management, Iowa State University. Initial employment: Graduate Research Assistant, Mississippi State University.
- William Schreck. 2006-2007. Standardized removal and sectioning locations for shovelnose sturgeon fin rays. Department of Natural Resource Ecology and Management, Iowa State University. Initial employment: Graduate Research Assistant, South Dakota State University.
- Andrew Jansen. 2005-2006. Population structure of smallmouth bass in Iowa rivers. Department of Natural Resource Ecology and Management, Iowa State University. Initial employment: Graduate Research Assistant, South Dakota State University.
- Jason Goeckler. 2001-2002. Age, growth, and recruitment dynamics of blue catfish in Milford Reservoir. Division of Biology, Kansas State University. Initial employment: Aquatic Nuisance Species Coordinator, Kansas Department of Wildlife and Parks.
- Keith Pember. 2001-2002. Larval fish assemblage structure in Glen Elder Reservoir. Division of Biology, Kansas State University. Initial employment: Aquatic Ecologist, City of Kansas City, Kansas.
- Joel Delp. 1998-1999. Age and growth of centrarchids in Kansas streams. Division of Biology, Kansas State University. Initial employment: Graduate Research Assistant, Kansas State University.

PROFESSIONAL AFFILIATIONS

- 1995-present American Fisheries Society
Education Section (1996-present)
Fisheries Management Section (1996-present)
Western Division (2002-present)
Idaho Chapter (1994-present)
Palouse Unit (1992-present)
Colorado-Wyoming Chapter (2002-2005)
North Central Division (1996-present)
Iowa Chapter (2005-present)
Kansas Chapter (1996-2002)
Kansas State University Student Subunit (1997-2002)
- 1998-2010 Ecological Society of America
Aquatic Ecology Section (1998-2010)
- 1993-present Alpha Zeta, Biological and Agricultural Sciences National Honor Society
- 1993-present Golden Key National Honor Society
- 1993-present Phi Eta Sigma National Honor Society

PROFESSIONAL SERVICE

Professional society service:

- 2012-present Education Section of the American Fisheries Society, Immediate Past-President
- 2011-2013 Education Section of the American Fisheries Society, President
- 2009-2011 Education Section of the American Fisheries Society, President-Elect
- 2007-2009 Education Section of the American Fisheries Society, Secretary-Treasurer
- 2007 Co-organized symposium titled, "Water quality and management of fisheries: making the connection" at the 68th Annual Midwest Fish and Wildlife Conference
- 2005-2010 Excellence in Fisheries Education Award Committee, Education Section of the American Fisheries Society, Chair
- 2005-2010 Student Affairs Committee, Iowa Chapter of the American Fisheries Society, Chair
- 2005-2010 Iowa State Student Subunit of the American Fisheries Society, Faculty Advisor
- 2004-2010 Associate Editor—*North American Journal of Fisheries Management*

- 2004 National Fish and Wildlife Foundation—Anheuser-Busch Conservation Scholarship Program Committee, Member and American Fisheries Society Representative
- 2003-2005 Native Fishes Committee, Western Division of the American Fisheries Society
- 2003-2004 American Fisheries Society Publication Awards Committee, Chair—*North American Journal of Fisheries Management*
- 1998-2010 Walleye Technical Committee, North Central Division of the American Fisheries Society
- 1996-2010 River and Streams Technical Committee, North Central Division of the American Fisheries Society
- 2002-2003 American Fisheries Society Publication Awards Committee, Member—*North American Journal of Fisheries Management*
- 2001-2002 Student Subsection, Education Section of the American Fisheries Society, President
- 2000-2001 Co-organized symposium titled, “Scientific writing: the artery of research communication and how to increase your circulation” at the 131st Annual Meeting of the American Fisheries Society
- 2000-2001 Strategic Plan Committee, Student Subsection, Education Section of the American Fisheries Society
- 2000-2001 Kansas State Student Subunit, Kansas Chapter of the American Fisheries Society, President
- 2000 Skinner Memorial Award Committee, Education Section of the American Fisheries Society
- 1998-2002 Membership Committee, Kansas Chapter of the American Fisheries Society
- 1996-2002 Fundraising Committee, Kansas Chapter of the American Fisheries Society, Chair
- 1996-1997 Student Subsection, Education Section of the American Fisheries Society, North Central Division Representative
- 1995-1996 Palouse Unit, Idaho Chapter of the American Fisheries Society, Vice-President
- 1993-1994 Palouse Unit, Idaho Chapter of the American Fisheries Society, Undergraduate Representative

Academic service:

- 2014-present Culture and Climate Committee, Department of Fish and Wildlife Sciences, University of Idaho, Chair
- 2013-2014 Search Committee, Department Head, Department of Fish and Wildlife Sciences, University of Idaho
- 2012-2013 Search Committee, Population Ecologist, Department of Fish and Wildlife Sciences, University of Idaho

2009-2010	Honors Committee, College of Agriculture and Life Sciences, Iowa State University
2009-2010	Animal Ecology Honors Program, Department of Natural Resource Ecology and Management, Iowa State University, Academic Advisor
2008-2010	Core Curriculum Development Committee, Department of Natural Resource Ecology and Management, Iowa State University
2008-2010	Curatorial Committee, Department of Natural Resource Ecology and Management, Iowa State University
2008-2010	Chair Search Committee, Department of Natural Resource Ecology and Management and College of Agriculture and Life Sciences, Iowa State University
2007-2009	Endowed Professorship Committee, Department of Natural Resource Ecology and Management, Iowa State University
2007-2008	Staffing Plan Guidance Committee, Department of Natural Resource Ecology and Management, Iowa State University
2006-2007	Preparing Future Faculty, Iowa State University, Faculty Mentor
2006-2007	Strategic Plan Committee, Department of Natural Resource Ecology and Management, Iowa State University
2006-2007	Governance Document Committee, Department of Natural Resource Ecology and Management, Iowa State University
2005-2010	Aquatic Research Facility Overview Committee, Department of Natural Resource Ecology and Management, Iowa State University
2005-2009	Recruiting and Retention Committee, Department of Natural Resource Ecology and Management, Iowa State University
2005-2008	Curriculum and Catalog Committee, Department of Natural Resource Ecology and Management, Iowa State University
2005-2006	Animal Ecology Undergraduate Curriculum Committee, Department of Natural Resource Ecology and Management, Iowa State University
2005-2006	Graduate Curriculum Committee, Department of Natural Resource Ecology and Management, Iowa State University

Natural resource organization and agency service:

2015	“Fish population dynamics and harvest regulations” workshop, Kansas Department of Wildlife, Parks, and Tourism, Manhattan, Kansas
2014	“Age and growth of fishes” workshop, Idaho Department of Fish and Game, Biologist Training, Boise, Idaho
2012-present	Kootenai River Technical Advisory Committee
2009-2010	Missouri River ecosystem restoration plan and environmental impact statement: peer review of the focal natural resources selection process, and the draft focal natural resources and the focal natural resources

- baseline assessment methodology, U.S. Army Corps of Engineers, technical advisor
- 2009 “Exploitation estimation techniques for recreational fisheries”, Iowa Department of Natural Resources, Ames, Iowa
- 2009 “Beverton-Holt yield models” workshop, Iowa Department of Natural Resources, Ames, Iowa
- 2008 “Age and growth of fishes” workshop, Iowa Department of Natural Resources, Ames, Iowa
- 2007-2010 Iowa Wildlife Action Plan Implementation Committee, Iowa Department of Natural Resources
- 2007 “Age and growth of fishes” workshop, Iowa Department of Natural Resources, Ames, Iowa
- 2007 “Beverton-Holt yield models” workshop, Iowa Department of Natural Resources, Ames, Iowa
- 2006-2010 Standardized Sampling Technical Advisory Committee, Iowa Department of Natural Resources
- 2006-2010 Sturgeon and Paddlefish Committee, Mississippi Interstate Cooperative Resource Association
- 2006-2008 Nutrient Standards Technical Advisory Committee, Iowa Department of Natural Resources
- 2006-2008 Missouri River Restoration Research Compendium Advisory Committee, U.S. Army Corps of Engineers
- 2006-2007 Commercial Fishery Harvest Regulations Technical Advisory Committee, Iowa Department of Natural Resources
- 2006 “Standardized sampling” workshop, Iowa Department of Natural Resources, Springbrook, Iowa
- 2006 “Age and growth of fishes” workshop, Iowa Department of Natural Resources, Ames, Iowa
- 2005 “Beverton-Holt yield models” workshop, Iowa Department of Natural Resources, Ames, Iowa
- 2003 Methods for sampling fish and habitat in warmwater streams, Wyoming Game and Fish Department, Casper, Wyoming

Other professional service:

Reviewer for: *Analysis and Interpretation of Freshwater Fisheries Data (book); Aquatic Invasions; Australian Journal of Zoology; Balancing Fisheries Management and Water Uses for Impounded River Systems (book); Biological Conservation; Canadian Journal of Fisheries and Aquatic Sciences; Conservation, Ecology, and Management of Worldwide Catfish Populations and Habitats (book); Ecology; Ecology of Freshwater Fish; Endangered Species Research; Fisheries; Fisheries Management and Ecology; Fisheries Research; Hydrobiologia; Journal of Applied Ichthyology; Journal of Environmental Management; Journal of Fish and*

Wildlife Management; Journal of Freshwater Ecology; North American Journal of Fisheries Management; Paddlefish Management, Propagation, and Conservation in the 21st Century: Building from 20 Years of Research and Management (book); Prairie Naturalist; Proceedings of the Southeastern Association of Fish and Wildlife Agencies; Texas Journal of Science; Transactions of the American Fisheries Society; Western North American Naturalist; Zoological Studies

HONORS, AWARDS, AND CERTIFICATIONS

- 2015 Best Student Paper Award, Annual Meeting of the Idaho Chapter of the American Fisheries Society (co-author with graduate student, P. R. Branigan)
- 2015 Best Professional Paper Award, Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society
- 2015 Best Student Poster Award, Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society (co-author with graduate student, Z. B. Klein)
- 2014 Excellence in Science Award, Cooperative Research Units, U.S. Geological Survey
- 2014 Outstanding Mentor Award, Idaho Chapter of the American Fisheries Society
- 2014 Best Student Paper Award, Honorable Mention, 144th Annual Meeting of the American Fisheries Society (co-author with graduate student, E. L. Ng)
- 2014 Best Student Poster Award, Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society (co-author with graduate students, C. J. Watkins and Z. B. Klein)
- 2014 Best Student Paper Award, Honorable Mention, Annual Meeting of the Oregon Chapter of the American Fisheries Society (co-author with graduate student, S. L. Whitlock)
- 2014 Best Student Paper Award, Annual Meeting of the Idaho Chapter of the American Fisheries Society (co-author with graduate student, C. J. Watkins)
- 2014 Best Student Poster Award, Annual Meeting of the Idaho Chapter of the American Fisheries Society (co-author with graduate students, C. J. Watkins and Z. B. Klein)
- 2013 Outstanding Research Award, College of Natural Resources (awarded to graduate student, J. L. McCormick)
- 2012 Excellence in Science Award, Cooperative Research Units, U.S. Geological Survey

- 2012 Best Student Paper Award, Annual Meeting of the Idaho Chapter of the American Fisheries Society (co-author with graduate student, J. L. McCormick)
- 2011 Best Student Paper Award, Honorable Mention, 141st Annual Meeting of the American Fisheries Society (co-author with graduate student, A. R. Sindt)
- 2011 Best Student Paper Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with The Wildlife Society (co-author with graduate student, A. R. Sindt)
- 2011 Best Student Poster Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with The Wildlife Society (co-author with graduate student, J. R. Fischer)
- 2010 Early Achievement in Research Award, College of Agriculture and Life Sciences, Iowa State University
- 2010 Best Student Poster Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with The Wildlife Society (co-author with undergraduate student, N. P. Johnson, and graduate student, J. R. Fischer)
- 2010 Best Student Paper Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with The Wildlife Society (co-author with graduate student, J. R. Fischer)
- 2010-present Certified Fisheries Professional, American Fisheries Society
- 2009 Carl L. Hubbs Best Paper Award, 41st Annual Meeting of the Desert Fishes Council (co-author with graduate student, M. C. Dzul)
- 2009 Best Professional Paper Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with The Wildlife Society
- 2009 Best Student Poster Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with The Wildlife Society (co-author with undergraduate student, M. D. Mork, and graduate student, J. R. Fischer)
- 2009 Best Student Paper Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with The Wildlife Society (co-author with graduate student, J. R. Fischer)
- 2008 Best Student Paper Award, 69th Annual Midwest Fish and Wildlife Conference (co-author with graduate student, T. E. Neebling)
- 2008 Best Professional Paper Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Dakota Chapter
- 2008 Best Student Paper Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Dakota Chapter (co-author with graduate student, J. D. Koch)

- 2008 Best Student Poster Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Dakota Chapter (co-author with graduate student, J. D. Koch)
- 2007 Best Student Poster Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Kansas and Nebraska Chapters (co-author with graduate student, Z. J. Jackson)
- 2007 Best Student Paper Award, Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Kansas and Nebraska Chapters (co-author with undergraduate student, A. C. Jansen)
- 2006 Best Student Poster Award, 67th Annual Midwest Fish and Wildlife Conference (co-author with undergraduate student, A. C. Jansen)
- 2005 Max Rollefson Award of Merit, Colorado-Wyoming Chapter of the American Fisheries Society
- 2005 Best Professional Paper Award, 40th Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society
- 2005 Best Poster Award, 40th Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society
- 2003 Best Professional Paper Award, 38th Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, joint meeting with the Bonneville Chapter of the American Fisheries Society
- 2002 James Scott Watkins Memorial Award for Excellence in Graduate Teaching, Division of Biology, Kansas State University
- 2002 Best Student Paper Award, 27th Annual Meeting of the Kansas Chapter of the American Fisheries Society
- 2002 Best Poster Award, 27th Annual Meeting of the Kansas Chapter of the American Fisheries Society
- 2002 Graduate Student Travel Award, Division of Biology, Kansas State University
- 2001 Best Poster Award, 26th Annual Meeting of the Kansas Chapter of the American Fisheries Society
- 2001 Graduate Student of the Year, Kansas Cooperative Fish and Wildlife Research Unit, Division of Biology, Kansas State University
- 2001 Best Student Poster Award, 131st Annual Meeting of the American Fisheries Society
- 2000 Best Student Poster Award, Honorable Mention, 130th Annual Meeting of the American Fisheries Society
- 2000 Best Student Paper Award, 25th Annual Meeting of the Kansas Chapter of the American Fisheries Society
- 2000 Graduate Student Travel Award, Division of Biology, Kansas State University
- 1999 Best Student Paper Award, 61st Annual Midwest Fish and Wildlife Conference

- 1999 Best Student Paper Award, 24th Annual Meeting of the Kansas Chapter of the American Fisheries Society
- 1999 Best Student Poster Award, 35th Annual Meeting of the Dakota Chapter of the American Fisheries Society, co-author with colleagues
- 1999 John E. Skinner Memorial Award, American Fisheries Society
- 1999 Otto Tiemeier-Frank Cross Award of Excellence, Kansas Chapter of the American Fisheries Society
- 1999 Graduate Student Travel Award, Division of Biology, Kansas State University
- 1998 Graduate Student Travel Award, Division of Biology, Kansas State University
- 1997 Graduate Student Travel Award, Division of Biology, Kansas State University
- 1997 Student Travel Award, North Central Division and Kansas Chapter of the American Fisheries Society (renamed the Joan Duffy Student Travel Award)
- 1996 Student of the Year in Fishery Resources, College of Forestry, Wildlife, and Range Sciences, University of Idaho
- 1992-1996 Washington Reciprocal Tuition Waiver Award, University of Idaho
- 1992-1996 Dean's List, all semesters, University of Idaho

PEER-REVIEWED PUBLICATIONS († = graduate student, ‡ = undergraduate student)

Journal articles:

- Cooke, S. J., V. M. Nguyen, J. M. Dettmers, R. Arlinghaus, M. C. Quist, D. Tweddle, O. L. F. Weyl, R. Raghavan, M. Portocarrero-Aya, E. A. Cordoba, and I. G. Cowx. *In press*. Sustainable inland fisheries—perspectives from the recreational, commercial, and subsistence sectors from around the globe. Pages x-x in G. Cross, J. Olden, and M. Krosek, editors. *Conservation of freshwater fish*. Cambridge University Press, United Kingdom.
- Ng†, E. L., J. P. Fredericks, and M. C. Quist. *In press*. Evaluation of post-release mortality of gill-net captured lake trout. *Journal of Fish and Wildlife Management*.
- Parks†, T. P., M. C. Quist, and C. L. Pierce. *In press*. Anthropogenic disturbance and environmental associations with fish assemblages in two nonwadeable rivers. *River Research and Applications*.
- Smith†, C. D., M. C. Quist, and R. S. Hardy. *In press*. Fish assemblage structure and habitat associations in a large western river system. *River Research and Applications*.
- Walrath†, J. D., M. C. Quist, and J. A. Firehammer. *In press*. Population structure and dynamics of northern pike and smallmouth bass in Coeur d'Alene Lake, Idaho. *Northwest Science*.

- Watkins†, C. J., B. S. Stevens, M. C. Quist, B. B. Shepard, and S. C. Ireland. *In press*. Patterns of fish assemblage structure and habitat use among main- and side-channel environments in the lower Kootenai River, Idaho. *Transactions of the American Fisheries Society*.
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. *In press*. Incubation success and habitat selection of shore-spawning kokanee *Oncorhynchus nerka*: effects of water level regulation and habitat characteristics. *Ecology of Freshwater Fish*.
- Bakevich†, B. D., C. L. Pierce, and M. C. Quist. 2015. Status of the Topeka shiner in west-central Iowa. *American Midland Naturalist* 174:350-358.
- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2015. Habitat use of non-native burbot in a western river. *Hydrobiologia* 757:61-71.
- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2015. Sampling techniques for burbot in a western non-wadeable river. *Fisheries Management and Ecology* 22:213-223.
- McCormick†, J. L., M. C. Quist, and D. J. Schill. 2015. Evaluation of angler reporting accuracy in an off-site survey to estimate statewide steelhead harvest. *Fisheries Management and Ecology* 22:134-142.
- Walrath†, J. D., M. C. Quist, and J. A. Firehammer. 2015. Trophic ecology of nonnative northern pike and their effect on conservation of naïve westslope cutthroat trout. *North American Journal of Fisheries Management* 35:158-177.
- Watkins†, C. J., T. J. Ross, R. S. Hardy, and M. C. Quist. 2015. Precision of hard structures used to estimate age of mountain whitefish. *Western North American Naturalist* 75:1-7.
- Watkins†, C. J., Z. B. Klein†, M. M. Terrazas†, and M. C. Quist. 2015. Influence of sectioning location on age estimates from common carp dorsal spines. *North American Journal of Fisheries Management* 35:690-697.
- Fischer†, J. R., and M. C. Quist. 2014. Characterizing lentic freshwater fish assemblages using multiple sampling methods. *Environmental Monitoring and Assessment* 186:4461-4474.
- Fischer†, J. R., and M. C. Quist. 2014. Gear and seasonal bias associated with abundance and size structure estimates for lentic freshwater fishes. *Journal of Fish and Wildlife Management* 5:394-412.
- Klein†, Z. B., M. M. Terrazas†, and M. C. Quist. 2014. Age estimation of burbot using pectoral fin rays, branchiostegal rays and otoliths. *Intermountain Journal of Sciences* 20:57-67.
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2014. Historic changes in fish assemblage structure in midwestern nonwadeable rivers. *American Midland Naturalist* 171:27-53.
- Porter‡, N. J., T. F. Bonvechio, J. L. McCormick†, and M. C. Quist. 2014. Population dynamics of bowfin in a south Georgia reservoir: latitudinal

- comparisons of population structure, growth, and mortality. *Journal of the Southeastern Association of Fish and Wildlife Agencies* 1:103-109.
- Quist, M. C., and R. D. Schultz. 2014. Effects of management legacies on stream fish and benthic aquatic macroinvertebrate assemblages. *Environmental Management* 54:449-464.
- Smith†, C. D., J. R. Fischer†, and M. C. Quist. 2014. Historical changes in Nebraska's lotic fish assemblages: a spatiotemporal assessment. *American Midland Naturalist* 172:160-184.
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2014. Influence of habitat characteristics on shore-spawning kokanee. *Transactions of the American Fisheries Society* 143:1404-1418.
- Bakevich†, B. D., C. L. Pierce, and M. C. Quist. 2013. Habitat, fish species, and fish assemblage associations of the Topeka shiner in west-central Iowa. *North American Journal of Fisheries Management* 33:1258-1268.
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, D. B. Gaines, and M. R. Bower. 2013. Coarse-scale movement patterns of a small-bodied fish inhabiting a desert stream. *Journal of Freshwater Ecology* 28:27-38.
- Dzul†, M. C., P. M. Dixon, M. C. Quist, S. J. Dinsmore, M. R. Bower, K. P. Wilson, and D. B. Gaines. 2013. Using variance components to estimate power in a hierarchically nested sampling design: improving monitoring of larval Devils Hole pupfish. *Environmental Monitoring and Assessment* 185:405-414.
- Dzul†, M. C., S. J. Dinsmore, M. C. Quist, D. B. Gaines, K. P. Wilson, M. R. Bower, and P. M. Dixon. 2013. A simulation model of the Devils Hole pupfish population using monthly length frequency distributions. *Population Ecology* 55:325-341.
- Fischer†, J. R., R. M. Krogman‡, and M. C. Quist. 2013. Influences of native and non-native benthivorous fishes on aquatic ecosystems degradation. *Hydrobiologia* 711:187-199.
- McCormick†, J. L., M. C. Quist, and D. J. Schill. 2013. Creel survey designs for short-duration Chinook salmon fisheries. *North American Journal of Fisheries Management* 33:977-993.
- McCormick†, J. L., M. C. Quist, and D. J. Schill. 2013. Self-reporting bias in Chinook salmon sport fisheries in Idaho: implications for roving creel surveys. *North American Journal of Fisheries Management* 33:723-731.
- Cox, B. S., A. M. Dux, M. C. Quist, and C. S. Guy. 2012. Use of a seismic air gun to reduce survival of nonnative lake trout embryos: a tool for conservation? *North American Journal of Fisheries Management* 32:292-298.
- Dzul†, M. C., D. B. Gaines, J. R. Fischer†, M. C. Quist, and S. J. Dinsmore. 2012. Evaluation of Salt Creek pupfish (*Cyprinodon salinus salinus*) otoliths for use in age and growth analyses. *Southwestern Naturalist* 57:412-416.
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, P. M. Dixon, and M. R. Bower. 2012. Identifying sources of error in surveys of Devils Hole pupfish. *Southwestern Naturalist* 57:44-50.

- Fischer†, J. R., T. E. Neebling†, and M. C. Quist. 2012. Development and evaluation of a boat-mounted RFID antenna for monitoring freshwater mussels. *Freshwater Science (formerly Journal of the North American Benthological Society)* 31:148-153.
- McCormick†, J. L., M. C. Quist, and D. J. Schill. 2012. Effect of survey design and catch rate estimation on total catch estimates in Chinook salmon fisheries. *North American Journal of Fisheries Management* 32:1090-1101.
- Quist, M. C., and J. R. Spiegel†. 2012. Population demographics of catostomids in large river ecosystems: effects of discharge and temperature on recruitment dynamics and growth. *River Research and Applications* 28:1567-1586.
- Sindt†, A. R., C. L. Pierce, and M. C. Quist. 2012. Fish species of greatest conservation need in wadeable Iowa streams: current status and effectiveness of aquatic GAP Program distribution models. *North American Journal of Fisheries Management* 32:135-146.
- Sindt†, A. R., M. C. Quist, and C. L. Pierce. 2012. Habitat associations of fish species of greatest conservation need at multiple spatial scales in wadeable Iowa streams. *North American Journal of Fisheries Management* 32:1046-1061.
- Bower, M. R., D. B. Gaines, K. P. Wilson, J. G. Wullschleger, M. C. Dzul†, M. C. Quist, and S. J. Dinsmore. 2011. Accuracy and precision of visual estimates and photogrammetric measurements of the length of a small-bodied fish. *North American Journal of Fisheries Management* 31:138-143.
- Neebling†, T. E., and M. C. Quist. 2011. Comparison of boat electrofishing, trawling, and seining for sampling fish assemblages in Iowa's nonwadeable rivers. *North American Journal of Fisheries Management* 31:390-402.
- Spiegel†, J. R., M. C. Quist, and J. E. Morris. 2011. Trophic ecology and gill raker morphology of seven catostomids species in Iowa rivers. *Journal of Applied Ichthyology* 27:1159-1164.
- Bisping‡, S. M., M. C. Quist, J. R. Fischer†, and A. J. Schaefer‡. 2010. Population characteristics of central stonerollers in Iowa streams. *Prairie Naturalist* 42:109-115.
- Fischer†, J. R., M. C. Quist, S. L. Wigen‡, A. J. Schaefer‡, T. W. Stewart, and T. M. Isenhardt. 2010. Assemblage and population level responses of stream fish to riparian buffers at multiple spatial scales. *Transactions of the American Fisheries Society* 139:185-200.
- Fischer†, J. R., N. P. Johnson‡, R. D. Schultz, and M. C. Quist. 2010. A comparison of modified fyke nets for evaluating fish assemblages and population structure. *Journal of Freshwater Ecology* 25:555-563.
- Jackson†, Z. J., M. C. Quist, J. A. Downing, and J. G. Larscheid. 2010. Common carp (*Cyprinus carpio*), sport fishes, and water quality: ecological thresholds in agriculturally eutrophic lakes. *Lake and Reservoir Management* 26:14-22.
- Koch†, J. D., and M. C. Quist. 2010. Current status and trends in shovelnose sturgeon (*Scaphirhynchus platyrhynchus*) management and conservation. *Journal of Applied Ichthyology* 26:491-498.

- Neebling†, T. E., and M. C. Quist. 2010. Relationships between fish assemblages and habitat characteristics in Iowa's non-wadeable rivers. *Fisheries Management and Ecology* 17:369-385.
- Quist, M. C., J. L. Stephen, S. T. Lynott, C. S. Guy, J. M. Goeckler, and R. D. Schultz. 2010. Exploitation of walleyes in a Great Plains reservoir: harvest patterns and management scenarios. *Fisheries Management and Ecology* 17:522-531.
- Quist, M. C., J. L. Stephen, S. T. Lynott, J. M. Goeckler, and R. D. Schultz. 2010. An evaluation of angler harvest of walleye and saugeye in a Kansas reservoir. *Journal of Freshwater Ecology* 25:1-7.
- Smith‡, C. D., T. E. Neebling†, and M. C. Quist. 2010. Population dynamics of sand shiners in Iowa's non-wadeable rivers. *Journal of Freshwater Ecology* 25:617-626.
- Spiegel†, J. R., M. C. Quist, and J. E. Morris. 2010. Precision of scales and pectoral fin rays for estimating age of highfin carpsucker, quillback carpsucker, and river carpsucker. *Journal of Freshwater Ecology* 25:271-278.
- Koch†, J. D., M. C. Quist, and K. A. Hansen. 2009. Precision of hard structures used to estimate age of bowfin in the upper Mississippi River. *North American Journal of Fisheries Management* 29:506-511.
- Koch†, J. D., M. C. Quist, K. A. Hansen, and G. A. Jones. 2009. Population dynamics and potential management of bowfin (*Amia calva*) in the upper Mississippi River. *Journal of Applied Ichthyology* 25:545-550.
- Koch†, J. D., M. C. Quist, C. L. Pierce, K. A. Hansen, and M. J. Steuck. 2009. Effects of commercial harvest on shovelnose sturgeon populations in the upper Mississippi River. *North American Journal of Fisheries Management* 29:84-100.
- Mork‡, M. D., S. M. Bisping‡, J. R. Fischer†, and M. C. Quist. 2009. Population characteristics of black bullhead in Iowa natural lakes. *Journal of Freshwater Ecology* 24:635-644.
- Quist, M. C., M. R. Bower, W. A. Hubert, D. B. McDonald, and T. L. Parchman. 2009. Morphometric and meristic differences of bluehead sucker, flannelmouth sucker, white sucker, and their hybrids: tools for the management of native species in the upper Colorado River basin. *North American Journal of Fisheries Management* 29:460-467.
- Compton†, R. I., W. A. Hubert, F. J. Rahel, M. C. Quist, and M. R. Bower. 2008. Influences of fragmentation on three species of native warmwater fishes in a Colorado River basin headwater stream system, Wyoming. *North American Journal of Fisheries Management* 28:1733-1743.
- Jackson†, Z. J., M. C. Quist, and J. G. Larscheid. 2008. Growth standards for nine North American fish species. *Fisheries Management and Ecology* 15:107-118.
- Jansen‡, A. C., M. C. Quist, and J. A. Kopaska. 2008. Assessment of smallmouth bass populations in Iowa rivers. *Journal of the Iowa Academy of Science* 115:17-23.

- Koch†, J. D., W. Schreck‡, and M. C. Quist. 2008. Standardized removal and sectioning locations for shovelnose sturgeon fin rays. *Fisheries Management and Ecology* 15:139-145.
- Neebling†, T. E., and M. C. Quist. 2008. Observations on the distribution and status of western sand darter, spotted gar, and skipjack herring in Iowa rivers. *Journal of the Iowa Academy of Science* 115:24-27.
- Jackson†, Z. J., M. C. Quist, J. G. Larscheid, E. C. Thelen, and M. J. Hawkins. 2007. Precision of scale and dorsal spines in age estimation of common carp. *Journal of Freshwater Ecology* 22:231-239.
- Koch†, J. D., and M. C. Quist. 2007. A technique for preparing fin rays and spines for age and growth analysis. *North American Journal of Fisheries Management* 27:781-784.
- Quist, M. C. 2007. An evaluation of techniques used to index recruitment variation and year-class strength. *North American Journal of Fisheries Management* 27:30-42.
- Quist, M. C., L. Bruce, K. Bogenschutz, and J. E. Morris. 2007. Sample size requirements for estimating species richness of aquatic vegetation in Iowa lakes. *Journal of Freshwater Ecology* 22:477-491.
- Quist, M. C., M. R. Bower, and W. A. Hubert. 2007. Infection by a black spot-causing species of *Uvulifer* and associated opercular alterations in fishes from a high-desert stream in Wyoming. *Diseases of Aquatic Organisms* 78:129-136.
- Quist, M. C., Z. J. Jackson†, M. R. Bower, and W. A. Hubert. 2007. Precision of hard structures used to estimate age of riverine catostomids and cyprinids in the upper Colorado River basin. *North American Journal of Fisheries Management* 27:643-649.
- Bernot, R. J., W. K. Dodds, M. C. Quist, and C. S. Guy. 2006. Temperature and kairomone induced life history plasticity in coexisting *Daphnia*. *Aquatic Ecology* 40:361-372.
- Quist, M. C., K. G. Gerow, M. R. Bower, and W. A. Hubert. 2006. Random versus fixed-site sampling when monitoring relative abundance of fishes in headwater streams of the upper Colorado River basin. *North American Journal of Fisheries Management* 26:1011-1019.
- Quist, M. C., M. R. Bower, W. A. Hubert, and F. J. Rahel. 2006. Spatial patterns of fish assemblage structure in a tributary system of the upper Colorado River basin. *Journal of Freshwater Ecology* 21:673-680.
- Quist, M. C., M. R. Bower, and W. A. Hubert. 2006. Summer food habits and trophic overlap of roundtail chub and creek chub in Muddy Creek, Wyoming. *Southwestern Naturalist* 51:22-27.
- Quist, M. C., W. A. Hubert, M. Fowden, and S. W. Wolff. 2006. The Wyoming habitat assessment methodology (WHAM): a systematic approach to evaluating watershed conditions and stream habitat. *Fisheries* 31(2):75-81.
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2006. Concurrent assessment of fish and habitat in warmwater streams in Wyoming. *Fisheries Management and Ecology* 13:9-20.

- Quist, M. C., and W. A. Hubert. 2005. Relative effects of biotic and abiotic processes: a test of the biotic-abiotic constraining hypothesis using cutthroat trout. *Transactions of the American Fisheries Society* 134:676-696.
- Quist, M. C., F. J. Rahel, and W. A. Hubert. 2005. Hierarchical faunal filters: an approach to assessing the effects of habitat and nonnative species on native fishes. *Ecology of Freshwater Fish* 14:24-39.
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2005. Fish assemblage structure following impoundment of a Great Plains river. *Western North American Naturalist* 65:53-63.
- Bernot, R. J., W. K. Dodds, M. C. Quist, and C. S. Guy. 2004. Larval fish-induced phenotypic plasticity of coexisting *Daphnia*: an enclosure experiment. *Freshwater Biology* 49:87-97.
- Bernot, R. J., W. K. Dodds, M. C. Quist, and C. S. Guy. 2004. Spatial and temporal variability of zooplankton in a Great Plains reservoir. *Hydrobiologia* 525:101-112.
- Quist, M. C., and C. S. Guy. 2004. Anti-predator behavior of larval walleyes and saugeyes. *Transactions of the Kansas Academy of Science* 107:69-76.
- Quist, M. C., and W. A. Hubert. 2004. Bioinvasive species and the preservation of cutthroat trout in the western United States: ecological, social, and economic issues. *Environmental Science and Policy* 7:303-313.
- Quist, M. C., W. A. Hubert, and D. J. Isaak. 2004. Factors affecting allopatric and sympatric occurrence of two sculpin species across a Rocky Mountain watershed. *Copeia* 2004(3):618-624.
- Quist, M. C., W. A. Hubert, and D. J. Isaak. 2004. Fish assemblage structure and relations with environmental conditions in a Rocky Mountain watershed. *Canadian Journal of Zoology* 82:1554-1565.
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2004. Elevation and stream-size thresholds affect distributions of native and exotic warmwater fishes in Wyoming. *Journal of Freshwater Ecology* 19:227-236.
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2004. Relations among habitat characteristics, exotic species, and turbid-river cyprinids in the Missouri River drainage of Wyoming. *Transactions of the American Fisheries Society* 133:727-742.
- Quist, M. C., C. S. Guy, R. J. Bernot, and J. L. Stephen. 2004. Factors influencing growth and survival of larval walleyes: implications for recruitment in a southern Great Plains reservoir. *Fisheries Research* 67:215-225.
- Quist, M. C., J. L. Stephen, C. S. Guy, and R. D. Schultz. 2004. Age structure and mortality of walleyes in Kansas reservoirs: use of mortality caps for establishing realistic management objectives. *North American Journal of Fisheries Management* 24:990-1002.
- Quist, M. C., K. R. Pember†, C. S. Guy, and J. L. Stephen. 2004. Variation in larval fish communities: implications for management and sampling designs in reservoir systems. *Fisheries Management and Ecology* 11:107-116.

- Goeckler, J. M., M. C. Quist, J. A. Reinke, and C. S. Guy. 2003. Population characteristics and evidence of natural reproduction of blue catfish in Milford Reservoir, Kansas. *Transactions of the Kansas Academy of Science* 160:149-154.
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2003. Exotic piscivorous fishes and reduced intermittence affect suckermouth minnows in a southeastern Wyoming stream. *Intermountain Journal of Sciences* 9:62-65.
- Quist, M. C., C. S. Guy, and J. L. Stephen. 2003. Recruitment dynamics of walleyes (*Stizostedion vitreum*) in Kansas reservoirs: generalities with natural systems and effects of a centrarchid predator. *Canadian Journal of Fisheries and Aquatic Sciences* 60:830-839.
- Quist, M. C., C. S. Guy, R. D. Schultz, and J. L. Stephen. 2003. Latitudinal comparisons of walleye growth in North America and factors influencing growth of walleyes in Kansas reservoirs. *North American Journal of Fisheries Management* 23:677-693.
- Quist, M. C., P. A. Fay, C. S. Guy, A. K. Knapp, and B. N. Rubenstein. 2003. Effects of military training on terrestrial and aquatic communities on a grassland military installation. *Ecological Applications* 13:432-442.
- Quist, M. C., C. S. Guy, R. J. Bernot, and J. L. Stephen. 2002. Seasonal variation in condition, growth, and food habits of walleyes in a Great Plains reservoir and simulated effects of an altered thermal regime. *Journal of Fish Biology* 61:1329-1344.
- Quist, M. C., C. S. Guy, R. J. Bernot, and J. L. Stephen. 2002. Ecology of larval white bass in a large Kansas reservoir. *North American Journal of Fisheries Management* 22:637-642.
- Quist, M. C., C. S. Guy, R. J. Bernot, and J. L. Stephen. 2002. Efficiency of removing food items from walleyes using acrylic tubes. *Journal of Freshwater Ecology* 17:179-184.
- Quist, M. C., C. S. Guy, M. A. Pegg, P. J. Braaten, C. L. Pierce, and V. H. Travnichek. 2002. Potential influence of harvest on shovelnose sturgeon populations in the Missouri River system. *North American Journal of Fisheries Management* 22:537-549.
- Quist, M. C., and C. S. Guy. 2001. Growth and mortality of prairie stream fishes: relations with fish community and instream habitat characteristics. *Ecology of Freshwater Fish* 10:88-96.
- Quist, M. C., C. S. Guy, and J. L. Stephen. 2001. The effect of light shock on short-term survival of walleye fry. *Transactions of the Kansas Academy of Science* 104:158-163.
- Quist, M. C., R. J. Bernot, C. S. Guy, and J. S. Stephen. 2001. Seasonal variation in population characteristics of gizzard shad. *Journal of Freshwater Ecology* 16:641-646.
- Bister, T. J., D. W. Willis, M. L. Brown, S. M. Jordan, R. M. Neumann, M. C. Quist, and C. S. Guy. 2000. Standard weight (W_s) equations and standard

- length categories for 18 nongame and riverine fish species. *North American Journal of Fisheries Management* 20:570-574.
- Delp[‡], J. G., J. S. Tillma, M. C. Quist, and C. S. Guy. 2000. Age and growth of four centrarchids in southeastern Kansas streams. *Journal of Freshwater Ecology* 15:475-478.
- Quist, M. C., and C. S. Guy. 1999. Spatial and temporal variation in population characteristics of shovelnose sturgeon in the Kansas River. *Prairie Naturalist* 31:65-74.
- Quist, M. C., J. S. Tillma, M. N. Burlingame, and C. S. Guy. 1999. Overwinter habitat use of shovelnose sturgeon in the Kansas River. *Transactions of the American Fisheries Society* 128:522-527.
- Quist, M. C., and C. S. Guy. 1998. Population characteristics of channel catfish from the Kansas River, Kansas. *Journal of Freshwater Ecology* 13:351-359.
- Quist, M. C., C. S. Guy, and P. J. Braaten. 1998. Standard weight (W_s) equation and length categories for shovelnose sturgeon. *North American Journal of Fisheries Management* 18:992-997.

Book chapters:

- Schultz, R. D., A. L. Fowler, J. M. Goeckler, and M. C. Quist. 2013. Comparisons of growth for hybrid striped bass in North America. Pages 219-227 in J. S. Bulak, C. C. Coutant, and J. A. Rice, editors. *Biology and management of inland striped bass and hybrid striped bass*. American Fisheries Society, Symposium, Bethesda, Maryland.
- Schultz, R. D., J. M. Goeckler, and M. C. Quist. 2013. Size-based mortality caps as thresholds for managing hybrid striped bass in Kansas reservoirs. Pages 461-472 in J. S. Bulak, C. C. Coutant, and J. A. Rice, editors. *Biology and management of inland striped bass and hybrid striped bass*. American Fisheries Society, Symposium, Bethesda, Maryland.
- Quist, M. C., M. A. Pegg, and D. R. DeVries. 2012. Age and growth. Pages 677-731 in A. Zale, D. Parrish, and T. Sutton, editors. *Fisheries techniques, third edition*. American Fisheries Society, Bethesda, Maryland.
- Krogman[‡], R. M., J. R. Fischer[†], M. C. Quist, M. J. Steuck, and M. M. Marron. 2011. Historical trends in commercial harvest of ictalurids in the upper Mississippi River. Pages 127-140 in P. H. Michaletz and V. H. Travnichek, editors. *Conservation, ecology, and management of catfish: the second international symposium*. American Fisheries Society, Bethesda, Maryland.
- Sindt[†], A. R., J. R. Fischer[†], M. C. Quist, and C. L. Pierce. 2011. Ictalurids in Iowa's streams and rivers: status, distribution, and relationships with biologic integrity. Pages 335-347 in P. H. Michaletz and V. H. Travnichek, editors. *Conservation, ecology, and management of catfish: the second international symposium*. American Fisheries Society, Bethesda, Maryland.

- Quist, M. C., K. Bonvechio, and M. S. Allen. 2009. Statistical analysis and data management. Pages 171-194 in S. A. Bonar, W. A. Hubert, and D. W. Willis, editors. *Standard methods for sampling North American freshwater fishes*. American Fisheries Society, Bethesda, Maryland.
- Quist, M. C., M. Steuck, and M. Marron. 2009. Commercial harvest of paddlefish in the upper Mississippi River. Pages 345-355 in C. P. Paukert and G. Scholten, editors. *Paddlefish management, propagation, and conservation in the 21st century: building from 20 years of research and management*. American Fisheries Society, Bethesda, Maryland.
- Schultz, R. D., Z. J. Jackson†, and M. C. Quist. 2008. Relating impoundment morphometry and water quality to black crappie, bluegill, and largemouth bass populations in Iowa. Pages 479-491 in M. S. Allen, S. Sammons, and M. J. Maceina, editors. *Balancing fisheries management and water uses for impounded river systems*. American Fisheries Society, Bethesda, Maryland.

Books:

- Hubert, W. A., and M. C. Quist, editors. 2010. *Inland fisheries management in North America, third edition*. American Fisheries Society, Bethesda, Maryland.

MANUSCRIPTS *in review or in revision*

- Carter-Lynn, K. P., M. C. Quist, and M. Liter. *In revision*. Population dynamics of channel catfish in northern Idaho lakes: implications of management. *Fisheries Management and Ecology*.
- Dobos†, M. E., M. P. Corsi, D. J. Schill, J. M. DuPont, and M. C. Quist. *In review*. Influences of summer water temperatures on the movement, distribution, and resources use of fluvial Westslope Cutthroat Trout in the South Fork Clearwater River basin. *North American Journal of Fisheries Management*.
- Fischer†, J. R., and M. C. Quist. *In revision*. Understanding fish assemblage structure in lentic ecosystems: relative effects of abiotic factors and management legacies. *Lake and Reservoir Management*.
- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. *In review*. Population characteristics and the suppression of non-native burbot in the Green River, Wyoming. *North American Journal of Fisheries Management*.
- McCormick†, J. L., M. C. Quist, and D. J. Schill. *In review*. Stratification and allocation of sampling effort using parentage-based genetic tagging to estimate steelhead harvest. *Journal of Freshwater Ecology*.
- Ng†, E. L., J. P. Fredericks, M. C. Quist. *In review*. Population dynamics and evaluation of alternative management goals for nonnative Lake Trout in a large western lake. *North American Journal of Fisheries Management*.

- Ng†, E. L., J. P. Fredericks, M. C. Quist. *In review*. Stable isotope evaluation of population- and individual-level diet variability in a large, oligotrophic lake with nonnative lake trout. *Ecology of Freshwater Fish*.
- Smith†, C. D., M. C. Quist, and R. S. Hardy. *In review*. Comparison of electrofishing, hoop nets, and benthic trawls for fish surveys in western North American rivers. *Journal of Fish and Wildlife Management*.
- Watkins†, C. J., M. C. Quist, B. B. Shepard, and S. C. Ireland. *In revision*. Sampling effort requirements for estimating species richness in the Kootenai River, Idaho. *Northwest Science*.
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. *In revision*. Kokanee recruitment response to water level management and hatchery supplementation in Lake Pend Oreille, Idaho. *North American Journal of Fisheries Management*.
- Yates‡, J. R., C. J. Watkins†, and M. C. Quist. *In review*. Precision of hard structures used to estimate age of common carp. *Northwest Science*.

ADDITIONAL PUBLICATIONS

- Schultz, R., M. Quist, and D. Bonneau. 2007. Maximizing benefits: integrating fisheries and water quality to manage lakes and reservoirs. *LakeLine* 27(1):29-33.
- Quist, M. C., and W. A. Hubert. 2004. Ecological, social, and economic issues related to bioinvasive species and the preservation of cutthroat trout in the western United States. Pages 113-116 *in* S. E. Moore, R. F. Carline, and J. Dillon, editors. Working together to ensure the future of wild trout. Proceedings of the Wild Trout VIII Symposium, Yellowstone National Park, Wyoming.
- Quist, M. C., E. Ryce, and T. Strakosh. 2002. An old and new face for the student subsection. *Fisheries* 27(2) 30-31.
- Kockovsky, P. J., S. Cooke, E. Ryce, M. C. Quist, and L. Bergstedt. 2001. The student subsection strategic plan: 1999-2004. *Fisheries* 26(2):28-29.
- Quist, M. C., and C. S. Guy. 1998. Stream resources on Fort Riley Military Reservation. Educational brochure, Directorate of the Environment and Safety, Fort Riley Military Reservation, Fort Riley, Kansas.
- Quist, M. C. 1997. Diversity and the fisheries student. *Fisheries* 22(1):34.

TECHNICAL REPORTS

- Quist, M. C., A. M. Boelter, J. M. Lovato, N. M. Korfanta, H. L. Bergman, D. C. Latka, C. Korschgen, D. L. Galat, S. Krentz, M. Oetker, M. Olson, C. M. Scott, and J. Berkley. 2004. Research and assessment needs for pallid sturgeon recovery in the Missouri River. Final report to the U.S. Geological Survey, U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, and U.S. Environmental Protection Agency. William D. Ruckelshaus Institute of Environment and Natural Resources, University of Wyoming, Laramie.
- Quist, M. C., and W. A. Hubert. 2004. Wyoming habitat assessment methodology (WHAM) Level I assessment manual. Wyoming Game and Fish Department, Fish Division, Cheyenne.
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2004. Warmwater stream assessment manual. Wyoming Game and Fish Department, Fish Division, Cheyenne.
- Guy, C. S., W. K. Dodds, M. C. Quist, and R. J. Bernot. 2003. Stocking success and factors influencing survival and growth of stocked walleyes. Kansas Department of Wildlife and Parks, Project F-45-R-2, Emporia.
- Bister, T. J., D. W. Willis, M. L. Brown, S. M. Jordan, R. M. Neumann, M. C. Quist, and C. S. Guy. 1999. Development of standard weight (W_s) equations and standard length categories for 18 warmwater game and nongame fishes. South Dakota Cooperative Fish and Wildlife Research Unit, Technical Bulletin 12, Brookings.
- Quist, M. C., and C. S. Guy. 1999. Structure and function of fish communities on Fort Riley Military Reservation. Completion Report, Directorate of the Environment and Safety, Fort Riley Military Reservation, Fort Riley, Kansas.

PROFESSIONAL PRESENTATIONS († = graduate student, ‡ = undergraduate student)

- Beard†, Z. S., M. C. Quist, R. S. Hardy, and T. J. Ross. 2015. Distribution of juvenile burbot and other fishes in a tributary of the Kootenai River, Idaho. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. PLATFORM
- Branigan†, P. R., M. C. Quist, B. B. Shepard, and S. C. Ireland. 2015. Microhabitat use by native and nonnative fishes in the Kootenai River, Idaho. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. PLATFORM
- Dobos†, M. E., M. C. Quist, M. P. Corsi, and J. M. DuPont. 2015. Movement, distribution, and habitat use of westslope cutthroat trout in the South Fork Clearwater River basin. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. PLATFORM
- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2015. Habitat use of burbot in the Green River, Wyoming. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. PLATFORM

- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2015. Population characteristics and the suppression of burbot in the Green River, Wyoming. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. PLATFORM
- Ng†, E. L., M. C. Quist, and J. Fredericks. 2015. Effects of fill-net trauma, barotrauma, and deep release on post-release mortality of lake trout. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. POSTER
- Ng†, E. L., M. C. Quist, and J. Fredericks. 2015. Effects of harvest regulations on population dynamics of lake trout in Priest Lake. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. PLATFORM
- Ng†, E. L., M. C. Quist, and J. Fredericks. 2015. Trophic structure of the Priest Lake fish assemblage. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. PLATFORM
- Ross, T.J., S. A. Carleton, M. C. Quist, and R. S. Hardy. 2015. Stock assignment of fluvial rainbow trout *Oncorhynchus mykiss* in the Kootenai River, Idaho using otolith microchemistry: lessons learned and future directions. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. PLATFORM
- Terrazas†, M. M., Z. B. Klein†, and M. C. Quist. 2015. Precision of hard structures for estimating the age of burbot. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 5. POSTER
- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2015. Habitat use of nonnative burbot in a western nonwadeable river. Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, Colorado, February 26. PLATFORM
- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2015. Population dynamics of burbot in the Green River of Wyoming. Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, Colorado, February 26. PLATFORM
- Klein†, Z. B., M. M. Terrazas†, and M. C. Quist. 2015. Precision of hard structures for estimating the age of burbot. Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, Colorado, February 26. POSTER
- Quist, M. C., K. Carter-Lynn, and M. Liter. 2015. Population dynamics of channel catfish in northern Idaho lakes: implications for management. Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, Colorado, February 26. PLATFORM
- Dobos†, M. E., M. C. Quist, and M. P. Corsi. 2014. Movement patterns and habitat use of westslope cutthroat trout in the South Fork Clearwater River basin. Wild Trout XI Symposium, West Yellowstone, Montana, September 24. POSTER

- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2014. Sampling techniques for burbot *Lota lota* in the Green River, Wyoming. 144th Annual Meeting of the American Fisheries Society, Québec City, Québec, August 19. PLATFORM
- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2014. Population characteristics of non-native burbot in the Green River, Wyoming. 144th Annual Meeting of the American Fisheries Society, Québec City, Québec, August 19. POSTER
- Ng†, E. L., M. C. Quist, and J. P. Fredericks. 2014. Estimation of gill-net selectivity for lake trout and application to demographic parameter estimates. 144th Annual Meeting of the American Fisheries Society, Québec City, Québec, August 18. PLATFORM
- Ng†, E. L., M. C. Quist, and J. P. Fredericks. 2014. Population dynamics of lake trout in Priest Lake, Idaho. 144th Annual Meeting of the American Fisheries Society, Québec City, Québec, August 19. POSTER
- Terrazas†, M. M., Z. B. Klein, and M. C. Quist. 2014. Precision of hard structure for estimating the age of burbot. 144th Annual Meeting of the American Fisheries Society, Québec City, Québec, August 19. POSTER
- Watkins†, C. J., M. C. Quist, and R. S. Hardy. 2014. Population dynamics of largescale suckers in the Kootenai River, Idaho: effects of nutrient enhancement on growth. 144th Annual Meeting of the American Fisheries Society, Québec City, Québec, August 20. PLATFORM
- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2014. Sampling techniques for burbot *Lota lota* in the Green River, Wyoming. Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Laramie, Wyoming, March 4. PLATFORM
- Watkins†, C. J., Z. B. Klein, M. M. Terrazas†, and M. C. Quist. 2014. Standardized removal and sectioning locations for common carp dorsal spines. Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Laramie, Wyoming, March 4. POSTER
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2014. Measuring the effects of water level management on kokanee in Lake Pen Oreille, Idaho using a bootstrap stock-recruitment model. Annual Meeting of the Oregon Chapter of the American Fisheries Society, Eugene, Oregon, February 23. PLATFORM
- Dobos†, M. E., M. C. Quist, and M. P. Corsi. 2014. Movement patterns and habitat use of westslope cutthroat trout in the South Fork Clearwater River basin. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. PLATFORM
- Klein†, Z. B., M. C. Quist, D. T. Rhea, and A. C. Senecal. 2014. Sampling techniques for burbot *Lota lota* in the Green River, Wyoming. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. PLATFORM

- Ng†, E. L., M. C. Quist, and J. Fredericks. 2014. Estimation of gear selectivity for lake trout in Priest Lake, Idaho. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. PLATFORM
- Smith†, C. D., M. C. Quist, and R. S. Hardy. 2014. Fish assemblage and population relationships with habitat in the Kootenai River, Idaho. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. PLATFORM
- Smith†, C. D., M. C. Quist, and R. S. Hardy. 2014. Comparison of sampling techniques for fish assemblages in western rivers. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. PLATFORM
- Walrath†, J. D., M. C. Quist, and J. A. Firehammer. 2014. Trophic ecology of northern pike and their effect on conservation of westslope cutthroat trout. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. PLATFORM
- Watkins†, C. J., Z. B. Klein†, M. M. Terrazas†, and M. C. Quist. 2014. Standardized removal and sectioning locations for common carp dorsal spines. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. POSTER
- Watkins†, C. J., M. C. Quist, B. B. Shepard, and S. C. Ireland. 2014. Modeling fish assemblage structure and habitat use to guide rehabilitation activities in the Kootenai River, Idaho. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. PLATFORM
- Watkins†, C. J., M. C. Quist, and R. S. Hardy. 2014. Population dynamics of largescale suckers in the Kootenai River, Idaho: effects of discharge and nutrient enhancement on growth and recruitment. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. PLATFORM
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2014. Effects of water level regulation and habitat characteristics on shore-spawning kokanee incubation success and habitat selection. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Idaho Falls, Idaho, February 12. PLATFORM
- Walrath†, J. D., M. C. Quist, and J. A. Firehammer. 2013. Seasonal food habits of northern pike and smallmouth bass in Lake Coeur d'Alene, Idaho. Lake Roosevelt Forum Conference, Spokane, Washington, November 19. PLATFORM
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2013. Evaluation of water level management as a tool for enhancing shore-spawning kokanee recruitment in Lake Pend Oreille, Idaho. 33rd International North American Lake Management Society Symposium, San Diego, California, October 30. PLATFORM
- Walrath†, J. D., M. C. Quist, and J. A. Firehammer. 2013. Seasonal food habits of northern pike and smallmouth bass in Lake Coeur d'Alene. 143rd Annual

- Meeting of the American Fisheries Society, Little Rock, Arkansas, September 10. PLATFORM
- Watkins†, C. J., J. R. Yates‡, and M. C. Quist. 2013. Precision of hard structures used to estimate age of common carp. 143rd Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, September 10. POSTER
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2013. Optimizing Mysis shrimp sampling efforts in Lake Pend Oreille, Idaho. 143rd Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, September 10. POSTER
- Fischer†, J. R., and M. C. Quist. 2013. Understanding fish assemblage structure in lentic ecosystems: relative effects of abiotic factors and management legacies. 143rd Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, September 11. PLATFORM
- Quist, M. C., M. E. Mather, D. L. Parrish, S. R. Chipps, T. J. Kwak, and C. P. Paukert. 2013. The voices of reality: why effective fisheries education is challenging and practical ways to move forward. 143rd Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, September 11. PLATFORM
- Smith†, C. D., M. C. Quist, and R. S. Hardy. 2013. Comparing sampling techniques for burbot in riverine systems: an occupancy modeling approach. 143rd Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, September 11. PLATFORM
- Watkins†, C. J., M. C. Quist, B. B. Shepard, and S. P. Young. 2013. Fish assemblages in the Kootenai River, Idaho: description of structure and implications for management. 143rd Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, September 11. PLATFORM
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2013. Kokanee recruitment response to water level management in Lake Pend Oreille, Idaho. 143rd Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, September 10. PLATFORM
- McCormick†, J.L., M.C. Quist, and D.J. Schill. 2013. Self-reporting bias in Idaho Chinook salmon sport Fisheries: implications for roving creel surveys. Joint Meetings of the Idaho Chapter and Western Division of the American Fisheries Society, Boise, Idaho, April 17. PLATFORM
- Watkins†, C. J., M. C. Quist, and B. B Shepard. 2013. Fish assemblage structure between side- and main-channel habitats of the Kootenai River, Idaho. Joint Meetings of the Idaho Chapter and Western Division of the American Fisheries Society, Boise, Idaho. April 17. POSTER
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2013. An *in situ* egg box experiment to assess kokanee shore-spawning incubation success Lake Pend Oreille, Idaho. Joint Meetings of the Idaho Chapter and Western Division of the American Fisheries Society, Boise, Idaho, April 17. PLATFORM
- Yates‡, J. R., C. J. Watkins†, and M. C. Quist. 2013. Evaluation of calcified structures for estimating ages of common carp. Joint Meetings of the Idaho

- Chapter and Western Division of the American Fisheries Society, Boise, Idaho, April 17. POSTER
- Smith†, C. D., M. C. Quist, and R. S. Hardy. 2013. Comparison of techniques for sampling juvenile burbot in lotic systems. Joint Meetings of the Idaho Chapter and Western Division of the American Fisheries Society, Boise, Idaho, April 16. PLATFORM
- Walrath†, J. D., M. C. Quist, and J. A. Firehammer. 2013. Population dynamics of northern pike and smallmouth bass in Coeur d'Alene Lake, Idaho. Joint Meetings of the Idaho Chapter and Western Division of the American Fisheries Society, Boise, Idaho, April 16. PLATFORM
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2013. Historic shifts in fish assemblages in Iowa's nonwadeable rivers; new analyses for a new retrospective. 25th Annual Meeting of the North Central Division of the American Fisheries Society - Rivers and Streams Technical Committee, Rock Island, Illinois, March 27. PLATFORM
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2013. Habitat characteristics influencing shore-spawning kokanee incubation success in Lake Pend Oreille, Idaho. 32nd International Kokanee Workshop, Fort Collins, Colorado, February 13. PLATFORM
- Scholten‡, G. M., M. D., Sundberg‡, J. R. Fischer†, and M. C. Quist. 2012. Eradication of gizzard shad *Dorosoma cepedianum* with low-dose rotenone applications. 142nd Annual Meeting of the American Fisheries Society, St. Paul, Minnesota, August 20. POSTER
- Smith†, C. D., J. R. Fischer†, and M. C. Quist. 2012. Historical changes in Nebraska's lotic fish assemblages: a spatiotemporal assessment. 142nd Annual Meeting of the American Fisheries Society, St. Paul, Minnesota, August 20. POSTER
- Sundberg‡, M. D., G. M. Scholten‡, J. R. Fischer†, and M. C. Quist. 2012. Effects of low-dose rotenone toxicity on benthic invertebrates. 142nd Annual Meeting of the American Fisheries Society, St. Paul, Minnesota, August 20. POSTER
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2012. Comparison of kokanee breeding groups in Lake Pend Oreille, Idaho. 142nd Annual Meeting of the American Fisheries Society, St. Paul, Minnesota, August 20. POSTER
- McCormick†, J. L., M. C. Quist, and D. J. Schill. 2012. Stratification and allocation of sampling effort using parentage-based genetic tagging to estimate steelhead harvest. 142nd Annual Meeting of the American Fisheries Society, St. Paul, Minnesota, August 21. PLATFORM
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2012. Historical changes in fish assemblages in non-wadeable rivers of Iowa. 142nd Annual Meeting of the American Fisheries Society, St. Paul, Minnesota, August 23. PLATFORM
- Bakevich†, B.D., C.L. Pierce and M.C. Quist. 2012. Distribution and habitat associations of Topeka shiners in west-central Iowa. 24th Annual Meeting of

- the North Central Division of the American Fisheries Society - Rivers and Streams Technical Committee, Milan, Illinois, March 28. PLATFORM
- Fischer†, J. R., C. D. Smith†, and M. C. Quist. 2012. Historical changes in Nebraska's stream fish assemblages. 24th Annual Meeting of the North Central Division of the American Fisheries Society - Rivers and Streams Technical Committee, Milan, Illinois, March 28. PLATFORM
- Carter-Lynn, K., M. Liter, B. Hammond, and M. C. Quist. 2012. An evaluation of the channel catfish fishery in north Idaho lakes. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Coeur d'Alene, Idaho, March 8. PLATFORM
- McCormick†, J. L., M. C. Quist, and D. J. Schill. 2012. Effect of survey design and catch rate estimation on total catch estimates in Chinook salmon fisheries. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Coeur d'Alene, Idaho, March 8. PLATFORM
- Porter‡, N., J. L. McCormick†, M. C. Quist, and T. Bonvechio. 2012. Age structure and growth of bowfin in Lake Lindsay Grace, Georgia. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Coeur d'Alene, Idaho, March 8. PLATFORM
- Smith†, C. D., J. R. Fischer†, and M. C. Quist. 2012. Long-term changes in Nebraska's stream fish assemblages. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Coeur d'Alene, Idaho, March 8. PLATFORM
- Whitlock†, S. L., M. C. Quist, and A. M. Dux. 2012. Sensitivity analysis of kokanee egg-to-fry survival estimates in Lake Pend Oreille, Idaho. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Coeur d'Alene, Idaho, March 8. POSTER
- Bakevich†, B., C. L. Pierce, and M. C. Quist. 2011. Distribution and habitat associations of Topeka shiners in west-central Iowa. 72nd Annual Midwest Fish and Wildlife Conference, Des Moines, Iowa, December 6. PLATFORM
- Fischer†, J. R., and M. C. Quist. 2011. Seasonal influences on fish sampling data for standing waters: a case study for bluegill population assessments in Iowa lakes and impoundments. 72nd Annual Midwest Fish and Wildlife Conference, Des Moines, Iowa, December 6. POSTER
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2011. Influence of dams and instream habitat on fish assemblages in two non-wadeable Iowa rivers. 72nd Annual Midwest Fish and Wildlife Conference, Des Moines, Iowa, December 6. PLATFORM
- Smith†, C. D., Fischer†, J. R., C. J. Hinz‡, and M. C. Quist. 2011. Changes in Nebraska's lotic fish assemblages. 72nd Annual Midwest Fish and Wildlife Conference, Des Moines, Iowa, December 6. POSTER
- Bakevich†, B., C. L. Pierce, and M. C. Quist. 2011. Distribution and habitat associations of Topeka shiners in west-central Iowa. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, September 7. PLATFORM

- Dzul†, M. C., D. B. Gaines, K. P. Wilson, S. J. Dinsmore, M. C. Quist, P. M. Dixon, and M. R. Bower. 2011. Devils Hole pupfish population dynamics: estimating growth and survival from length-frequency data. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, September 7. PLATFORM
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2011. Longitudinal shifts in fish assemblage structure along a non-wadeable Iowa River. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, September 7. PLATFORM
- Bower, M. R., D. B. Gaines, K. P. Wilson, J. G. Wullschleger, M. C. Dzul†, M. C. Quist, and S. J. Dinsmore. 2011. Use of diver visual estimates and photogrammetric measurements from a stereo-video camera for determining length of a small-bodied fish. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, September 5. POSTER
- Fischer†, J. R., and M. C. Quist. 2011. Seasonal influences on fish sampling data for standing waters: a case study for bluegill population assessments in Iowa lakes and impoundments. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, September 5. POSTER
- McCormick†, J. L., and M. C. Quist. 2011. Assessment of bias and precision associated with roving creel survey designs to estimate Chinook salmon harvest in Idaho. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, September 5. PLATFORM
- Sindt†, A. R., M. C. Quist, and C. L. Pierce. 2011. Fish species of greatest conservation need in wadeable Iowa streams: relative importance of spatial scales. 141st Annual Meeting of the American Fisheries Society, Seattle, Washington, September 5. PLATFORM
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2011. Longitudinal patterns of fish distribution in the Cedar River, Iowa. Annual Meeting of the Rivers and Streams Technical Committee, North Central Division of the American Fisheries Society, Rock Island, Illinois, March 22. PLATFORM
- Cox, B. S., A. M. Dux, M. C. Quist, and C. S. Guy. 2011. Use of a seismic air gun to reduce survival of salmonid embryos: a pilot study. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 4. PLATFORM
- Quist, M. C., and J. R. Spiegel†. 2011. Effects of temperature and discharge on growth of catostomids in Iowa rivers. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Boise, Idaho, March 3. PLATFORM
- Cox, B. S., A. M. Dux, M. C. Quist, and C. S. Guy. 2011. Use of a seismic air gun to reduce survival of salmonid embryos: a pilot study. Annual Meeting of the Montana Chapter of the American Fisheries Society, Great Falls, Montana, February 11. PLATFORM
- Bakevich†, B. D., C. L. Pierce, and M. C. Quist. 2011. Distribution and abundance of Topeka shiners in west-central Iowa. 4th Annual North Central

- Division Student Fisheries Colloquium, Brookings, South Dakota, January 22. POSTER
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, D. B. Gaines, K. P. Wilson. 2011. Movement of Salt Creek pupfish (*Cyprinodon salinus salinus*) living in Salt Creek, Death Valley National Park, CA. January 22. 4th Annual North Central Division Student Fisheries Colloquium, Brookings, South Dakota, January 22. PLATFORM
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2011. Patterns of fish distribution in the Cedar River, Iowa. 4th Annual North Central Division Student Fisheries Colloquium, Brookings, South Dakota, January 22. PLATFORM
- Sindt†, A. R., C. L. Pierce, and M. C. Quist. 2011. Validation of fish species distribution models based on GIS-measured habitat variables. 4th Annual North Central Division Student Fisheries Colloquium, Brookings, South Dakota, January 22. PLATFORM
- Bakevich†, B. D., C. L. Pierce, and M. C. Quist. 2011. Distribution and abundance of Topeka shiners in west-central Iowa. Joint meeting of the Iowa Chapters of the American Fisheries Society and Wildlife Society, Moravia, Iowa, January 20. PLATFORM
- Dodd, B., R. D. Schultz, A. Otting, A. Fowler, M. Richardson, J. Euchner, J. R. Fischer†, M. C. Quist. 2011. Harvest patterns and exploitation of walleye at Big Creek Lake. Joint meeting of the Iowa Chapters of the American Fisheries Society and Wildlife Society, Moravia, Iowa, January 20. POSTER
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, D. B. Gaines, K. P. Wilson. 2011. Movement of Salt Creek pupfish (*Cyprinodon salinus salinus*) living in Salt Creek, Death Valley National Park, CA. Joint meeting of the Iowa Chapters of the American Fisheries Society and Wildlife Society, Moravia, Iowa, January 20. PLATFORM
- Fischer†, J. R., T. E. Neebling†, D. A. Klingenberg, and M. C. Quist. 2011. Feasibility of a boat-mounted RFID antenna for monitoring freshwater mussels. Joint meeting of the Iowa Chapters of the American Fisheries Society and Wildlife Society, Moravia, Iowa, January 20. POSTER
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2011. Patterns of fish distribution in the Cedar River, Iowa. Joint meeting of the Iowa Chapters of the American Fisheries Society and Wildlife Society, Moravia, Iowa, January 20. PLATFORM
- Sindt†, A. R., C. L. Pierce, and M. C. Quist. 2011. Validation of fish species distribution models based on GIS-measured habitat variables. Joint meeting of the Iowa Chapters of the American Fisheries Society and Wildlife Society, Moravia, Iowa, January 20. PLATFORM
- Bakevich†, B. D., M. C. Quist, and C. L. Pierce. 2010. Distribution and abundance of Topeka shiners in west-central Iowa streams. 71st Annual

- Midwest Fish and Wildlife Conference, Minneapolis, Minnesota, December 15. PLATFORM
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, D. B. Gaines, K. W. Wilson. 2010. Movement of Salt Creek pupfish (*Cyprinodon salinus salinus*) living in Salt Creek, Death Valley National Park, CA. 71st Annual Midwest Fish and Wildlife Conference, Minneapolis, Minnesota, December 15. PLATFORM
- Fischer†, J. R., T. E. Neebling, D. A. Klingenberg, and M. C. Quist. 2010. Design and development of a boat-mounted RFID antenna for monitoring freshwater mussels. 71st Annual Midwest Fish and Wildlife Conference, Minneapolis, Minnesota, December 15. POSTER
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2010. Patterns of fish distribution in the Cedar River, Iowa. 71st Annual Midwest Fish and Wildlife Conference, Minneapolis, Minnesota, December 15. PLATFORM
- Sindt†, A. R., M. C. Quist, and C. L. Pierce. 2010. Validation of fish species distribution models based on GIS-measured habitat variables. 71st Annual Midwest Fish and Wildlife Conference, Minneapolis, Minnesota, December 15. PLATFORM
- Dzul†, M. C., P. M. Dixon, M. C. Quist, S. J. Dinsmore, M. R. Bower, D. B. Gaines, K. W. Wilson. 2010. Using variance components to estimate power in a hierarchically nested sampling design: Improving monitoring of larval Devils Hole pupfish. 42nd Annual Meeting of the Desert Fishes Council, Moab, Utah, November 18. PLATFORM
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, D. B. Gaines, K. W. Wilson. 2010. Movement of Salt Creek pupfish (*Cyprinodon salinus salinus*) living in Salt Creek, Death Valley National Park, CA. 42nd Annual Meeting of the Desert Fishes Council, Moab, Utah, November 18. PLATFORM
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, D. B. Gaines, and K. P. Wilson. 2010. Movement of Salt Creek pupfish *Cyprinodon salinus salinus* in Salt Creek Death Valley National Park, California. 140th Annual Meeting of the American Fisheries Society, Pittsburgh, Pennsylvania, September 13. POSTER
- Fischer†, J. R., R. M. Krogman‡, and M. C. Quist. 2010. Guilty by association: are all benthivorous fishes created equal? 140th Annual Meeting of the American Fisheries Society, Pittsburgh, Pennsylvania, September 14. PLATFORM
- Sindt†, A. R., C. L. Pierce, and M. C. Quist. 2010. Validation of occurrence models with emphasis on fish species of greatest conservation need in Iowa streams. 140th Annual Meeting of the American Fisheries Society, Pittsburgh, Pennsylvania, September 13. PLATFORM
- Krogman‡ R. M., J. R. Fischer†, M. C. Quist, M. J. Steuck, and M. M. Marron. 2010. Historical trends in ictalurid catfish commercial harvest in the upper Mississippi River. 2nd International Catfish Symposium, St. Louis, Missouri, June 18. PLATFORM
- Sindt†, A. R., J. R. Fischer†, M. C. Quist, and C. L. Pierce. 2010. Ictalurids in Iowa's streams and rivers: status, distribution, and relationships with biotic

integrity. 2nd International Catfish Symposium, St. Louis, Missouri, June 18.
PLATFORM

Neebling†, T. E., and M. C. Quist. 2010. Fish assemblages in Iowa's non-wadeable rivers: Gear assessment, sample size requirements, and habitat relationships. 45th Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Laramie, Wyoming, March 2. PLATFORM

Burch‡, R. M., J. R. Fischer†, M. C. Quist, M. J. Steuck, and M. M. Marron. 2010. Historical trends in ictalurid catfish commercial harvest in the upper Mississippi River. 3rd Annual Midwest Fisheries Student Colloquium, Manhattan, Kansas, January 23. PLATFORM

Fischer†, J. R., R. M. Burch‡, and M. C. Quist. 2010. An evaluation of native black bullhead and non-native common carp on aquatic ecosystems. 3rd Annual Midwest Fisheries Student Colloquium, Manhattan, Kansas, January 23. PLATFORM

Sindt†, A. R., M. C. Quist, and C. L. Pierce. 2010. The occurrence of Iowa stream fish species of greatest conservation need. 3rd Annual Midwest Fisheries Student Colloquium, Manhattan, Kansas, January 23. PLATFORM

Burch‡, R. M., J. R. Fischer†, and M. C. Quist. 2010. Historical trends in ictalurid commercial harvest in the upper Mississippi River. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 22. PLATFORM

Dzul†, M. C., M. C. Quist, and S. J. Dinsmore. 2010. Past, present, and future strategies for the conservation of Devils Hole pupfish. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 22. PLATFORM

Fischer†, J. R. R. M. Burch‡, and M. C. Quist. 2010. Relative impacts of a native and nonnative benthivorous fish on aquatic ecosystems. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 22. PLATFORM

Johnson‡, N. P., J. R. Fischer†, R. M. Schultz, and M. C. Quist. 2010. A comparison of two different modified fyke nets to sample fish assemblages in Iowa lakes. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 22. POSTER

Sindt†, A. R., M. C. Quist, and C. L. Pierce. 2010. The occurrence of focal Iowa stream fish species of greatest conservation need. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 22. PLATFORM

Spiegel†, J. R., M. C. Quist, and J. E. Morris. 2010. Summer food habits and gill raker morphology of seven catostomid species in Iowa rivers. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint

- meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 22. PLATFORM
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, P. M. Dixon, and M. R. Bower. 2009. Sampling designs for monitoring larval Devils Hole pupfish: combining variance components and power analyses. 70th Annual Midwest Fish and Wildlife Conference, Springfield, Illinois, December 8. POSTER
- Fischer†, J. R. R. M. Burch‡, and M. C. Quist. 2009. Effects of black bullhead and common carp on aquatic ecosystems of experimental mesocosms. 70th Annual Midwest Fish and Wildlife Conference, Springfield, Illinois, December 8. PLATFORM
- Sindt†, A. R., M. C. Quist, and C. L. Pierce. 2009. The occurrence and habitat relationships of seven Iowa stream fish species of greatest conservation need. 70th Annual Midwest Fish and Wildlife Conference, Springfield, Illinois, December 8. PLATFORM
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, P. M. Dixon, and M. R. Bower. 2009. Sampling designs for monitoring larval Devils Hole pupfish: combining variance components and power analyses. 41st Annual Meeting of the Desert Fishes Council, Death Valley, California, November 12. POSTER
- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, P. M. Dixon, and M. R. Bower. 2009. Sources of error in adult Devils Hole pupfish surveys: results of an experimental dive. 41st Annual Meeting of the Desert Fishes Council, Death Valley, California, November 12. PLATFORM
- Fischer†, J. D., M. C. Quist, and J. A. Downing. 2009. A comparison of methods to sample fish in Iowa lakes and impoundments. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, September 2. PLATFORM
- Koch†, J. D., and M. C. Quist. 2009. Management and conservation of shovelnose sturgeon: current status, trends, and management activities. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, September 2. PLATFORM
- Schultz, R. D., A. L. Fowler, J. M. Goeckler, and M. C. Quist. 2009. Size-based mortality caps and growth standards for hybrid striped bass in North America, including factors influencing growth in Kansas reservoirs. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, September 2. PLATFORM
- Columbo, R., J. Garvey, K. J. Killgore, J. D. Koch†, M. A. Pegg, M. C. Quist, A. Schery, T. Sutton, V. H. Travnichak, C. S. Guy, R. Klumb, N. Caswell, and S. Hale. 2009. Distribution, life history, and population status of the shovelnose sturgeon. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, September 1. PLATFORM
- Fischer†, J. D., M. C. Quist, S. L. Wigen‡, A. J. Schaefer‡, T. W. Stewart, and T. M. Isenhardt. 2009. Assemblage and population level responses of stream fish to riparian buffers at multiple spatial scales. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, August 31. PLATFORM

- Neebling†, T. E., and M. C. Quist. 2009. Gear assessment and sample size requirements for sampling fish assemblages in Iowa's non-wadeable rivers. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, August 31. PLATFORM
- Quist, M. C., K. I. Bonvechio, and M. S. Allen. 2009. Statistical analysis and data management. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, August 31. POSTER
- Schultz, R. D., A. L. Fowler, and M. C. Quist. 2009. Latitudinal comparisons of growth and development of a relative growth index for hybrid striped bass in North America. 139th Annual Meeting of the American Fisheries Society, Nashville, Tennessee, August 31. POSTER
- Quist, M. C., K. I. Bonvechio, and M. S. Allen. 2009. Statistical analysis and data management. Annual Meeting of the Western Division of the American Fisheries Society, Albuquerque, New Mexico, May 4. POSTER
- Quist, M. C., K. Hansen, G. Jones, and J. D. Koch†. 2009. Bowfin: the other black egg. Annual Meeting of the Nebraska Chapter of the American Fisheries Society, Gretna, Nebraska, February 10. PLATFORM
- Meerbeek, J., J. D. Koch†, and M. C. Quist. 2009. Characteristics of shovelnose sturgeon populations under varying levels of commercial fishing in the upper Mississippi River. Annual Meeting of the Minnesota Chapter of the American Fisheries Society, joint meeting with the Wisconsin and Ontario Chapters, Duluth, Minnesota, February 3. PLATFORM
- Fischer†, J. R., M. C. Quist, and J. A. Downing. 2009. A preliminary comparison of methods to sample fish in Iowa lakes and impoundments. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 28. PLATFORM
- Koch†, J. D., M. C. Quist, K. Hansen, and G. Jones. 2009. Population dynamics and potential management of bowfin in the upper Mississippi River. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 28. POSTER
- Koch†, J. D., M. C. Quist, and K. Hansen. 2009. Precision of hard structures used to estimate age of bowfin in the upper Mississippi River. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 28. POSTER
- Mork‡, M. D., S. M. Bisping‡, J. R. Fischer†, and M. C. Quist. 2009. Population characteristics of black bullhead in natural lakes in Iowa. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 28. POSTER
- Neebling†, T. E., and M. C. Quist. 2009. Sample size requirements for sampling fish assemblages in Iowa's non-wadeable rivers. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 28. PLATFORM

- Quist, M. C., J. Fischer†, S. L. Wigen‡, A. J. Schaefer‡, T. W. Stewart, and T. M. Isenhart. 2009. Effects of riparian buffers on fish assemblages in central Iowa streams. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 28. PLATFORM
- Schaefer‡, A. J., J. R. Fischer†, and M. C. Quist. 2009. Population characteristics of central stonerollers in central Iowa streams. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 28. POSTER
- Sindt†, A. R., M. C. Quist, and C. L. Pierce. 2009. Iowa stream fish species of greatest conservation need: a new project using Iowa GAP to refine prioritization and guide assessment. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Iowa Chapter of The Wildlife Society, Ames, Iowa, January 28. PLATFORM
- Neebling†, T. E., and M. C. Quist. 2009. Sample size requirements for sampling fish assemblages in Iowa's non-wadeable rivers. 2nd Annual Midwest Student Fisheries Colloquium, Ames, Iowa, January 17. PLATFORM
- Fischer†, J. R., M. C. Quist, T. W. Stewart, and T. M. Isenhart. 2008. Response of stream fish assemblage and instream habitat structure to riparian buffers at multiple spatial scales in central Iowa, USA. 69th Annual Midwest Fish and Wildlife Conference, Columbus, Ohio, December 15. POSTER
- Koch†, J. D., M. C. Quist, K. Hansen, and G. Jones. 2008. Population dynamics and potential management of bowfin in the upper Mississippi River. 69th Annual Midwest Fish and Wildlife Conference, Columbus, Ohio, December 15. POSTER
- Koch†, J. D., M. C. Quist, and K. Hansen. 2008. Precision of hard structures used to estimate age of bowfin in the upper Mississippi River. 69th Annual Midwest Fish and Wildlife Conference, Columbus, Ohio, December 15. POSTER
- Neebling†, T. E., and M. C. Quist. 2008. Fish assemblages in Iowa's non-wadeable rivers. 69th Annual Midwest Fish and Wildlife Conference, Columbus, Ohio, December 15. PLATFORM
- Fischer†, J., M. C. Quist, T. W. Stewart, and T. M. Isenhart. 2008. Response of fishes and habitat to riparian buffers in central Iowa. 2008 Iowa Water Center Poster Symposium, Cedar Falls, Iowa, September 11. POSTER
- Koch‡, J. D., W. Schreck‡, and M. C. Quist. 2008. Standardized removal and sectioning locations for shovelnose sturgeon fin rays. 138th Annual Meeting of the American Fisheries Society, Ottawa, Ontario, August 18. POSTER
- Koch†, J. D., M. C. Quist, C. L. Pierce, K. Hansen, and G. Jones. 2008. Effects of commercial harvest on shovelnose sturgeon in the upper Mississippi River. 138th Annual Meeting of the American Fisheries Society, Ottawa, Ontario, August 18. POSTER

- Neebling†, T. E., and M. C. Quist. 2008. Fish assemblages in Iowa's non-wadeable rivers. 138th Annual Meeting of the American Fisheries Society, Ottawa, Ontario, August 18. PLATFORM
- Jackson†, Z., M. Quist, and J. Larscheid. 2008. Growth standards for nine North American fish species. Annual Meeting of the California-Nevada Chapter of the American Fisheries Society, Tahoe City, California, April 4. POSTER
- Koch†, J. D., M. C. Quist, C. L. Pierce, K. Hansen, and G. Jones. 2008. Population parameters of shovelnose sturgeon in the upper Mississippi River. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Dakota Chapter, Sioux Falls, South Dakota, February 21. PLATFORM
- Koch†, J. D., W. J. Schreck‡, and M. C. Quist. 2008. Standardized removal and sectioning locations for shovelnose sturgeon fin rays. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Dakota Chapter, Sioux Falls, South Dakota, February 21. POSTER
- Neebling†, T. E., and M. C. Quist. 2008. Fish assemblages in Iowa's non-wadeable rivers: relationships with habitat and sampling methods. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Dakota Chapter, Sioux Falls, South Dakota, February 21. PLATFORM
- Quist, M. C., K. Hansen, G. Jones, and J. D. Koch†. 2008. Bowfin: the other black egg. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Dakota Chapter, Sioux Falls, South Dakota, February 21. PLATFORM
- Koch†, J. D., M. C. Quist, C. L. Pierce, M. Steuck, K. Hansen, and G. Jones. 2008. Population parameters of shovelnose sturgeon populations in the upper Mississippi River. Mississippi Interstate Cooperative Resource Association sturgeon and paddlefish committee meeting, Nashville, Tennessee, January 24. PLATFORM
- Jackson†, Z. J., M. C. Quist, J. A. Downing, and J. G. Larscheid. 2007. Examining relationships between fish population dynamics and water quality in Iowa lakes. 68th Annual Midwest Fish and Wildlife Conference, Madison, Wisconsin, December 10. PLATFORM
- Koch†, J. D., W. Schreck‡, and M. C. Quist. 2007. Standardized removal and sectioning locations for shovelnose sturgeon fin rays. 68th Annual Midwest Fish and Wildlife Conference, Madison, Wisconsin, December 11. POSTER
- Koch†, J. D., M. Quist, C. Pierce, M. Steuck, K. Hansen, and G. Jones. 2007. Effects of commercial harvest on shovelnose sturgeon in the upper Mississippi River. 68th Annual Midwest Fish and Wildlife Conference, Madison, Wisconsin, December 12. PLATFORM
- Koch†, J. D., M. C. Quist, C. L. Pierce, K. Hansen, and G. Jones. 2007. Effects of commercial harvest on shovelnose sturgeon populations in the upper

- Mississippi River system. 137th Annual Meeting of the American Fisheries Society, San Francisco, California, September 6. PLATFORM
- Jackson†, Z. J., M. C. Quist, and J. G. Larscheid. 2007. Relations between fish population dynamics and water quality characteristics of Iowa lakes. 137th Annual Meeting of the American Fisheries Society, San Francisco, California, September 5. PLATFORM
- Compton, R. I., W. A. Hubert, F. J. Rahel, M. C. Quist, and M. R. Bower. 2007. Population fragmentation affects native fishes in a Colorado River basin headwater stream system, Wyoming. 137th Annual Meeting of the American Fisheries Society, San Francisco, California, September 3. POSTER
- Schultz, R. J., Z. J. Jackson, and M. C. Quist. 2007. Assessment of physical, chemical, and biological factors and angling on largemouth bass, bluegill, and crappie populations. The Fourth National Reservoir Symposium: Balancing Fisheries Management and Water Uses for Impounded River Systems, Atlanta, Georgia, June 11. PLATFORM
- Compton, R. I., W. A. Hubert, F. J. Rahel, M. C. Quist, and M. R. Bower. 2007. Population fragmentation affects native fishes in a Colorado River basin headwater stream system, Wyoming. 42nd Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Ft. Collins, Colorado, February 28. PLATFORM
- Jackson†, Z. J., M. C. Quist, J. G. Larscheid, E. C. Thelen, and M. J. Hawkins. 2007. Precision of scales and dorsal spines in age estimation of common carp in Iowa. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Kansas and Nebraska Chapters, Council Bluffs, Iowa, January 19. POSTER
- Koch†, J., M. C. Quist, C. L. Pierce, K. Hansen, and G. Jones. 2007. Effects of commercial harvest on shovelnose sturgeon in the upper Mississippi River. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Kansas and Nebraska Chapters, Council Bluffs, Iowa, January 19. POSTER
- Quist, M. C., L. Bruce, K. Bogenschutz, and J. E. Morris. 2007. Sample size requirements for sampling aquatic vegetation in Iowa lakes. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Kansas and Nebraska Chapters, Council Bluffs, Iowa, January 19. PLATFORM
- Jackson†, Z. J., M. C. Quist, J. G. Larscheid, E. C. Thelen, and M. J. Hawkins. 2007. Comparison of growth rates of common carp from selected Iowa lakes. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Kansas and Nebraska Chapters, Council Bluffs, Iowa, January 20. PLATFORM
- Jansen‡, A. C., M. C. Quist, and J. Kopaska. 2007. Smallmouth bass populations in Iowa interior rivers. Annual Meeting of the Iowa Chapter of the American Fisheries Society, joint meeting with the Kansas and Nebraska Chapters, Council Bluffs, Iowa, January 20. PLATFORM

- Jackson†, Z. J., M. C. Quist, E. C. Thelen, J. G. Larscheid, and M. J. Hawkins. 2006. Precision of scales and dorsal spines in age estimation of common carp in Iowa. 67th Annual Midwest Fish and Wildlife Conference, Omaha, Nebraska, December 5. PLATFORM
- Steuck, M. J., M. C. Quist, and M. Marron. 2006. Trends in commercial harvest of paddlefish from the Mississippi River: 1953-2001. 67th Annual Midwest Fish and Wildlife Conference, Omaha, Nebraska, December 5. PLATFORM
- Jansen‡, A. C., M. C. Quist, and J. Kopaska. 2006. Assessment of smallmouth bass populations in Iowa interior rivers. 67th Annual Midwest Fish and Wildlife Conference, Omaha, Nebraska, December 4. POSTER
- Jackson†, Z. J., M. C. Quist, J. G. Larscheid, and M. J. Hawkins. 2006. Assessing fish communities and their relationships with water quality in Iowa lakes. 136th Annual Meeting of the American Fisheries Society, Lake Placid, New York, September 12. PLATFORM
- Compton, R. I., W. A. Hubert, F. J. Rahel, M. C. Quist, and M. R. Bower. 2006. Influence of instream structures on the management and conservation of native fishes in the Muddy Creek watershed, Wyoming. 136th Annual Meeting of the American Fisheries Society, Lake Placid, New York, September 11. POSTER
- Quist, M. C. 2006. Evaluation of techniques used to index walleye recruitment variation and year-class strength. 136th Annual Meeting of the American Fisheries Society, Lake Placid, New York, September 11. PLATFORM
- Compton, R. I., W. A. Hubert, F. J. Rahel, M. C. Quist, and M. R. Bower. 2006. Influence of human-made instream structures on the management and conservation of three native Colorado River basin fishes in the Muddy Creek watershed. Annual Meeting of the Western Division of the American Fisheries Society, Bozeman, Montana, May 18. PLATFORM
- Compton, R. I., W. A. Hubert, F. J. Rahel, M. C. Quist, and M. R. Bower. 2006. Influence of human-made instream structures on the management and conservation of three native Colorado River basin fishes in the Muddy Creek watershed. 41st Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Cheyenne, Wyoming, March 7. PLATFORM
- Compton, R. I., W. A. Hubert, F. J. Rahel, M. C. Quist, and M. R. Bower. 2006. Influence of human-made instream structure on the management and conservation of three native Colorado River basin fishes in the Muddy Creek watershed. Annual Meeting of the Upper Colorado River Researchers, Moab, Utah, January 18. PLATFORM
- Quist, M. C., W. A. Hubert, M. R. Bower, and F. J. Rahel. 2005. Management of plains streams in Wyoming: past, present, and future. 135th Annual Meeting of the American Fisheries Society, Anchorage, Alaska, September 14. PLATFORM
- Quist, M. C., M. R. Bower, and W. A. Hubert. 2005. Summer food habits and trophic overlap of roundtail chub and creek chub. 135th Annual Meeting of the American Fisheries Society, Anchorage, Alaska, September 12. POSTER

- Quist, M. C., K. G. Gerow, M. R. Bower, and W. A. Hubert. 2005. Sample size requirements for monitoring fishes in Muddy Creek, upper Colorado River basin. 40th Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, Colorado, March 9. PLATFORM
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2005. Hierarchical faunal filters: an approach for assessing the effects of habitat and nonnative species on native fishes. 40th Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, Colorado, March 8. PLATFORM
- Quist, M. C., M. R. Bower, and W. A. Hubert. 2005. Summer food habits and trophic overlap of roundtail chub and creek chub. 40th Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Fort Collins, Colorado, March 8. POSTER
- Hubert, W. A., and M. C. Quist. 2004. Ecological, social, and economic issues related to bioinvasive species and the preservation of cutthroat trout in the western United States. 8th International Wild Trout Symposium, Yellowstone National Park, September 21. PLATFORM
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2004. Assessing the effects of habitat and nonnative species on native fishes using hierarchical faunal filters. 134th Annual Meeting of the American Fisheries Society, Madison, Wisconsin, August 23. PLATFORM
- Quist, M. C., and W. A. Hubert. 2004. Bioinvasive salmonids and the preservation of cutthroat trout: ecological, social, and economic issues. Annual Meeting of the Western Division of the American Fisheries Society, Salt Lake City, Utah, March 3. PLATFORM
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2004. A process-driven approach for assessing warmwater streams in Wyoming. Annual Meeting of the Western Division of the American Fisheries Society, Salt Lake City, Utah, March 1. POSTER
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2004. Warmwater stream assessment in Wyoming: a process-driven approach. Annual Meeting of the Southern Division of the American Fisheries Society, Oklahoma City, Oklahoma, February 28. PLATFORM
- Quist, M. C., F. J. Rahel, and W. A. Hubert. 2003. Hierarchical faunal filters: an approach for assessing the effects of habitat and nonnative fishes on native fishes. 64th Annual Midwest Fish and Wildlife Conference, Kansas City, Missouri, December 9. PLATFORM
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2003. A process-driven approach for assessing warmwater streams in Wyoming. 64th Annual Midwest Fish and Wildlife Conference, Kansas City, Missouri, December 9. POSTER
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2003. Effects of impoundments on habitat characteristics, exotic piscivores, and turbid-river cyprinids in

- Wyoming. 133rd Annual Meeting of the American Fisheries Society, Québec City, Québec, August 14. PLATFORM
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2003. A process-driven approach for assessing warmwater streams in Wyoming. 133rd Annual Meeting of the American Fisheries Society, Québec City, Québec, August 11. POSTER
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2003. Effects of impoundments on physicochemical habitat and turbid-river cyprinids in the Missouri River drainage of Wyoming. 38th Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Joint Meeting with the Bonneville Chapter, Grand Junction, Colorado, March 5. PLATFORM
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2003. A process-driven approach for assessing warmwater streams in Wyoming. 38th Annual Meeting of the Colorado-Wyoming Chapter of the American Fisheries Society, Joint Meeting with the Bonneville Chapter, Grand Junction, Colorado, March 5. POSTER
- Goeckler‡, J. M., M. C. Quist, J. A. Reinke, and C. S. Guy. 2002. Population characteristics and evidence of natural reproduction of blue catfish in Milford Reservoir, Kansas. Annual Midwest Fisheries Conference, Bettendorf, Iowa, December 4. PLATFORM
- Quist, M. C., C. S. Guy, and J. L. Stephen. 2002. Abiotic factors and species interactions that influence recruitment of walleyes in reservoirs. 132nd Annual Meeting of the American Fisheries Society, Baltimore, Maryland, August 20. PLATFORM
- Quist, M. C., R. J. Bernot, C. S. Guy, and J. L. Stephen. 2002. Seasonal variation in condition, growth, and food habits of walleye in Glen Elder Reservoir and potential effects of climate change on growth. 132nd Annual Meeting of the American Fisheries Society, Baltimore, Maryland, August 20. POSTER
- Quist, M. C., K. R. Pember‡, C. S. Guy, and J. L. Stephen. 2002. Spatial and temporal variation in ichthyoplankton from Glen Elder Reservoir. 27th Annual Meeting of the Kansas Chapter of the American Fisheries Society, Wichita, Kansas, February 23. PLATFORM
- Goeckler‡, J. M., M. C. Quist, J. A. Reinke, and C. S. Guy. 2002. Population characteristics of blue catfish in Milford Reservoir. 27th Annual Meeting of the Kansas Chapter of the American Fisheries Society, Wichita, Kansas, February 23. PLATFORM
- Quist, M. C., C. S. Guy, R. J. Bernot, and J. L. Stephen. 2002. Seasonal variation in condition, growth, and food habits of walleyes in a Great Plains reservoir and simulated effects of an altered thermal regime. 27th Annual Meeting of the Kansas Chapter of the American Fisheries Society, Wichita, Kansas, February 23. POSTER
- Quist, M. C., C. S. Guy, M. A. Pegg, P. J. Braaten, C. L. Pierce, and V. H. Travnichek. 2002. Potential influence of harvest on shovelnose sturgeon populations in the Missouri River system. 27th Annual Meeting of the

- Kansas Chapter of the American Fisheries Society, Wichita, Kansas, February 23. POSTER
- Quist, M. C., C. S. Guy, R. J. Bernot, and J. L. Stephen. 2001. Seasonal variation in condition, growth, and food habits of walleyes in a Great Plains reservoir and simulated effects of an altered thermal regime. 63rd Annual Midwest Fish and Wildlife Conference, Des Moines, Iowa, December 11. POSTER
- Quist, M. C., C. S. Guy, M. A. Pegg, P. J. Braaten, C. L. Pierce, and V. H. Travnichk. 2001. Potential influence of harvest on shovelnose sturgeon populations in the Missouri River system: a case for pro-active management. 131st Annual Meeting of the American Fisheries Society, Phoenix, Arizona, August 21. POSTER
- Quist, M. C., C. S. Guy, M. A. Pegg, P. J. Braaten, C. L. Pierce, and V. H. Travnichk. 2001. Potential influence of harvest on shovelnose sturgeon populations in the Missouri River system: a case for pro-active management. 5th Annual Conference on Natural Resources of the Missouri River Basin, Great Falls, Montana, June 27. PLATFORM
- Bernot, R. J., M. C. Quist, W. K. Dodds, and C. S. Guy. 2001. Predator-induced life history shifts of *Daphnia* in a Kansas reservoir. 27th Annual Forum for Student Research, Kansas State University, Division of Biology, Manhattan, Kansas, March 2. PLATFORM
- Quist, M. C., and C. S. Guy. 2001. Growth and mortality of prairie stream fishes: relations with fish communities and instream habitat. 26th Annual Meeting of the Kansas Chapter of the American Fisheries Society, Pittsburgh, Kansas, February 17. POSTER
- Quist, M. C., C. S. Guy, R. J. Bernot, and J. L. Stephen. 2001. Dynamics of larval white bass in a large Kansas reservoir. 26th Annual Meeting of the Kansas Chapter of the American Fisheries Society, Pittsburgh, Kansas, February 17. POSTER
- Bernot, R. J., M. C. Quist, W. K. Dodds, and C. S. Guy. 2001. Predator-induced life history shifts of *Daphnia* in a Kansas reservoir. Annual Meeting of the American Society of Limnology and Oceanography, Albuquerque, New Mexico, February 13. PLATFORM
- Quist, M. C., and C. S. Guy. 2000. Growth and mortality of prairie stream fishes: relations with fish communities and instream habitat. 62nd Annual Midwest Fish and Wildlife Conference, Minneapolis, Minnesota, December 5. POSTER
- Bernot, R. J., M. C. Quist, W. K. Dodds, and C. S. Guy. 2000. Habitat segregation, diel vertical migration, and predator-induced life history shifts of *Daphnia* in a Kansas reservoir. Annual Meeting of the Great Plains Limnological Society, Lawrence, Kansas, November 4. PLATFORM
- Quist, M. C., C. S. Guy, R. J. Bernot, and J. L. Stephen. 2000. Dynamics of larval white bass in a large Kansas reservoir. 130th Annual Meeting of the American

- Fisheries Society, Ecology and Management of White Bass Poster Symposium, St. Louis, Missouri, August 23. POSTER
- Quist, M. C., P. A. Fay, C. S. Guy, A. K. Knapp, B. N. Rubenstein, and C. Phillips. 2000. The influence of disturbance from military training on terrestrial-aquatic linkages in a tallgrass prairie ecosystem. 65th North American Wildlife and Natural Resources Conference, Chicago, Illinois, March 26. POSTER
- Quist, M. C., and C. S. Guy. 2000. Growth and recruitment of walleyes *Stizostedion vitreum* and interactions with white crappies *Pomoxis annularis* and gizzard shad *Dorosoma cepedianum* in reservoir systems. 26th Annual Forum for Student Research, Kansas State University, Division of Biology, Manhattan, Kansas, March 3. PLATFORM
- Bernot, R. J., M. C. Quist, W. K. Dodds, and C. S. Guy. 2000. Temporal and spatial variability in zooplankton communities in Glen Elder Reservoir. 26th Annual Forum for Student Research, Kansas State University, Division of Biology, Manhattan, Kansas, March 3. PLATFORM
- Quist, M. C., C. S. Guy, J. L. Stephen, and R. D. Schultz. 2000. Growth, mortality, and recruitment of walleyes and interactions with white crappies and gizzard shad in Kansas reservoirs. 25th Annual Meeting of the Kansas Chapter of the American Fisheries Society, Manhattan, Kansas, February 19. PLATFORM
- Quist, M. C., C. S. Guy, J. L. Stephen, and R. D. Schultz. 1999. Abundance of age-0 walleyes and interactions with white crappies and gizzard shad in Kansas reservoirs. 61st Annual Midwest Fish and Wildlife Conference, Chicago, Illinois, December 7. PLATFORM
- Quist, M. C., and C. S. Guy. 1999. The effects of large-scale disturbances from military training activity on instream habitat and fish community characteristics in streams on Fort Riley Military Reservation. 129th Annual Meeting of the American Fisheries Society, Charlotte, North Carolina, August 31. PLATFORM
- Bister, T. J., D. W. Willis, M. L. Brown, R. M. Neumann, S. M. Jordan, M. C. Quist, and C. S. Guy. 1999. Development of standard weight (W_s) equations for 18 game and nongame fishes. 129th Annual Meeting of the American Fisheries Society, Charlotte, North Carolina, August 31. POSTER
- Quist, M. C., C. S. Guy, and J. L. Stephen. 1999. The influence of light shock on mortality of walleye fry. Annual Meeting of the Walleye Technical Committee of the North Central Division, American Fisheries Society, Davenport, Iowa, July 21. PLATFORM
- Bister, T. J., D. W. Willis, M. L. Brown, R. M. Neumann, S. M. Jordan, M. C. Quist, and C. S. Guy. 1999. Development of standard weight (W_s) equations for 18 game and nongame fishes. 35th Annual Meeting of the Dakota Chapter of the American Fisheries Society, Bismarck, North Dakota, March 3. POSTER

- Quist, M. C., and C. S. Guy. 1999. The influence of military training activities on physicochemical habitat and fish community structure and function in Flint Hills streams. 24th Annual Meeting of the Kansas Chapter of the American Fisheries Society, Emporia, Kansas, February 20. PLATFORM
- Quist, M. C., and C. S. Guy. 1998. Structure and function of fish communities and relations with training activities on Fort Riley Military Reservation. 60th Annual Midwest Fish and Wildlife Conference, Cincinnati, Ohio, December 8. PLATFORM
- Quist, M. C., J. S. Tillma, M. N. Burlingame, and C. S. Guy. 1998. Population characteristics and overwinter habitat use of shovelnose sturgeon in the Kansas River. 128th Annual Meeting of the American Fisheries Society, Hartford, Connecticut, August 25. PLATFORM
- Quist, M. C., C. S. Guy, and P. J. Braaten. 1998. Standard weight (W_s) equation and length categories for shovelnose sturgeon. 2nd Annual Conference on Natural Resources of the Missouri River Basin, Lincoln, Nebraska, March 24. POSTER
- Quist, M. C., C. S. Guy, and P. J. Braaten. 1998. Standard weight (W_s) equation and length categories for shovelnose sturgeon. 23rd Annual Meeting of the Kansas Chapter of the American Fisheries Society, Joint Meeting with the Arkansas and Oklahoma Chapters, Fayetteville, Arkansas, February 21. POSTER
- Quist, M. C., J. S. Tillma, M. N. Burlingame, and C. S. Guy. 1997. Overwinter habitat use of shovelnose sturgeon in the upper Kansas River. 59th Annual Midwest Fish and Wildlife Conference, Milwaukee, Wisconsin, December 8. PLATFORM
- Quist, M. C., and C. S. Guy. 1997. Structure and function of channel catfish and shovelnose sturgeon populations in the Kansas River. 22nd Annual Meeting of the Kansas Chapter of the American Fisheries Society, Wichita, Kansas, February 22. PLATFORM

INVITED PRESENTATIONS († = GRADUATE STUDENT, ‡ = UNDERGRADUATE STUDENT)

- Watkins†, C. J., M. C. Quist., B. S. Shepard, and S. Ireland. 2014. Patterns of fish assemblage structure and habitat use among main-and off-channel habitats in the lower Kootenai River, Idaho. International Kootenai River Ecosystem Restoration Meeting, Bonners Ferry, Idaho, May 9. PLATFORM
- Watkins†, C. J., M. C. Quist, T. J. Ross, and R. S. Hardy. 2014. Effects of nutrient enrichment, discharge, and temperature on growth and recruitment of largescale suckers in the Kootenai River, Idaho, May 9. PLATFORM

- McCormick†, J. L., M. C. Quist, and D. J. Schill. 2013. Stratification and allocation of sampling effort using parentage-based genetic tagging to estimate steelhead harvest. Joint Meetings of the Idaho Chapter and Western Division of the American Fisheries Society, Boise, Idaho, April 17. PLATFORM
- Fischer†, J. R., and M. C. Quist. 2013. Characterizing fish assemblages in Iowa natural lakes and reservoirs. Annual Meeting of the Iowa Department of Natural Resources—Fisheries Bureau, Rathbun, Iowa, February 4. PLATFORM
- Parks†, T. P., M. C. Quist, and C. L. Pierce. 2013. Anthropogenic disturbance and environmental associations with fish assemblage structure in two nonwadeable rivers in Iowa. Annual Meeting of the Iowa Department of Natural Resources—Fisheries Bureau, Rathbun, Iowa, February 4. PLATFORM
- McCormick†, J. L., M. C. Quist, and D. J. Schill. 2013. Sampling design considerations for estimating harvest of Chinook salmon and steelhead in Idaho. Idaho Department of Fish and Game—Anadromous Section, Boise, Idaho, January 30. PLATFORM
- Fischer†, J. R., and M. C. Quist. 2012. Evaluation of multiple sampling techniques for characterizing fish assemblages in standing waters. 142nd Annual Meeting of the American Fisheries Society, St. Paul, Minnesota, August 23. PLATFORM
- Quist, M. C., and J.R. Fischer†. 2012. Evaluation of standard sampling techniques for estimating abundance and size structure of fishes in standing waters. 142nd Annual Meeting of the American Fisheries Society, St. Paul, Minnesota, August 23. PLATFORM
- Quist, M. C. 2012. Nonlinear interactions between native and nonnative species: implications for management and conservation. Annual Meeting of the Idaho Chapter of the American Fisheries Society, Plenary, Coeur d'Alene, Idaho, March 8. PLATFORM
- Quist, M. C. 2010. Why ghosts matter in ecology: effects on fish assemblage structure and implications for natural resource management. Department of Fish and Wildlife Resources, University of Idaho, 501 seminar series, September 22. PLATFORM
- Quist, M. C. 2008. Using fish to assess aquatic ecosystem health: lessons from Iowa. Department of Natural Resources, Yeungnam University, Daegu, South Korea, May 12. PLATFORM
- Koch†, J. D., M. C. Quist, C. L. Pierce, K. Hansen, and G. Jones. 2008. Shovelnose sturgeon in the upper Mississippi River. Annual Meeting of the Iowa Department of Natural Resources—Fisheries Bureau, Springbrook, Iowa, March 5. PLATFORM

- Hansen, K, M. C. Quist, G. Jones, and J. Koch†. 2008. Bowfin: the other black egg. Mississippi Interstate Cooperative Resource Association Sturgeon and Paddlefish Committee, Nashville, Tennessee, January 24. PLATFORM
- Quist, M. C. 2007. Elements of effective writing. Writing, publishing, and reviewing: perspectives for students. A symposium held at the 137th Annual Meeting of the American Fisheries Society, San Francisco, California, September 6. PLATFORM
- Quist, M. C., and Z. J. Jackson†. 2007. Assessment of water quality using fish assemblages: applications for nutrient standard development. Iowa Department of Natural Resources, Lake Nutrient Standards Technical Advisory Committee, Ames, Iowa, January 26. PLATFORM
- Koch†, J. D., Quist, M. C., and C. L. Pierce. 2007. Population dynamics and effects of harvest on shovelnose sturgeon in the upper Mississippi River. Iowa Department of Natural Resources, Shovelnose Sturgeon Harvest Committee, Fairport, Iowa, January 23. PLATFORM
- Koch†, J., M. C. Quist, C. L. Pierce, K. Hansen, and G. Jones. 2007. Effects of commercial harvest on shovelnose sturgeon in the upper Mississippi River. Annual Meeting of the Iowa Department of Natural Resources—Fisheries Bureau, Springbrook, Iowa, March 7. PLATFORM
- Jackson†, Z. J., M. C. Quist, and J. G. Larscheid. 2007. What are fish telling us about water quality in Iowa lakes? Annual Meeting of the Iowa Department of Natural Resources—Fisheries Bureau, Springbrook, Iowa, March 7. PLATFORM
- Koch†, J., M. C. Quist, C. L. Pierce, K. Hansen, and G. Jones. 2007. Effects of commercial harvest on shovelnose sturgeon in the upper Mississippi River. Annual Meeting of the Mississippi Interstate Cooperative Resource Association, Sturgeon and Paddlefish Committee, St. Louis, Missouri, January 31. PLATFORM
- Quist, M. C. 2007. Standardized sampling: what it is and why we do it. Annual Meeting of the Iowa Department of Natural Resources—Fisheries Bureau, Springbrook, Iowa, March 6. PLATFORM
- Jackson†, Z. J., and M. C. Quist. 2006. Standardized sampling and assessment of fish populations in Iowa lakes. Annual Meeting of the Iowa Department of Natural Resources—Fisheries Bureau, Springbrook, Iowa, February 28. PLATFORM
- Jansen‡, A. C., and M. C. Quist. 2006. Age and growth of walleyes in Lake Manawa and population of structure of smallmouth bass in Iowa rivers. Annual Meeting of the Iowa Department of Natural Resources—Fisheries Bureau, Springbrook, Iowa, February 28. PLATFORM
- Quist, M. C. 2006. Preparing for graduate school. Beginning your professional journey. Workshop held at the 67th Annual Midwest Fish and Wildlife Conference, Omaha, Nebraska, December 5. PLATFORM
- Jackson†, Z. J., M. C. Quist, J. Downing, J. Larscheid, and M. Hawkins. 2006. Relations between water quality and fish populations in Iowa lakes. Iowa

- Department of Natural Resources Spring Research Meeting, Rathbun, Iowa, May 22. PLATFORM
- Quist, M. C. 2006. Using PIT tag technology in fish and wildlife research: an example from the upper Colorado River basin. Fish and Wildlife Biology Club, Iowa State University, Ames, Iowa, March 23. PLATFORM
- Quist, M. C. 2005. Patterns of fish assemblage structure in western streams: ecology and applications. Department of Natural Resource Ecology and Management, Iowa State University, Ames, Iowa, October 28. PLATFORM
- Quist, M. C. 2004. A model for conceptualizing biotic and abiotic processes in aquatic systems. Department of Zoology and Physiology, University of Wyoming, Laramie, Wyoming, September 17. PLATFORM
- Quist, M. C. 2004. Growth and mortality of walleyes: insights gained from recent advances in management techniques. University of Wyoming Student Subunit of the American Fisheries Society, Laramie, Wyoming, February 4. PLATFORM
- Quist, M. C., and W. A. Hubert. 2003. Methods for sampling fish and habitat in warmwater streams. Wyoming Game and Fish Department—Fish Division, Casper, Wyoming, December 9-10. PLATFORM
- Hubert, W. A., and M. C. Quist. 2003. Ecological, social, and economic issues of bioinvasive species in the western U.S.: the cutthroat trout dilemma. International Conference on Bioinvasions and Economics, University of Wyoming, Laramie, Wyoming, June 6. PLATFORM
- Quist, M.C. 2003. Suckermouth minnows in Wyoming: stuck between a rock and a hard place. University of Wyoming Student Subunit of the American Fisheries Society, Laramie, Wyoming, April 30. PLATFORM
- Quist, M. C. 2003. Turbidity, mud, and no water are good for Great Plains fishes. Department of Zoology and Physiology, University of Wyoming, Laramie, Wyoming, February 17. PLATFORM
- Quist, M. C., W. A. Hubert, and F. J. Rahel. 2003. Warmwater stream assessment in Wyoming: a process-driven approach. Wyoming Game and Fish Department—Fish Division, Thermopolis, Wyoming, January 28. PLATFORM
- Quist, M. C. 2002. Abiotic and biotic factors influencing recruitment of walleyes in southern Great Plains reservoirs. Department of Zoology and Physiology, University of Wyoming, Laramie, Wyoming, September 30. PLATFORM
- Quist, M. C., C. S. Guy, R. J. Bernot, and J. L. Stephen. 2002. Walleyes in Kansas reservoirs: a focus on Glen Elder Reservoir. Annual Meeting of the Kansas Department of Wildlife and Parks—Fisheries Division, Wichita, Kansas, February 21. PLATFORM
- Bernot, R. J., M. C. Quist, W. K. Dodds, and C. S. Guy. 2002. Spatial and temporal variation in water chemistry, phytoplankton, and zooplankton characteristics in Glen Elder Reservoir. Annual Meeting of the Kansas Department of Wildlife and Parks—Fisheries Division, Wichita, Kansas, February 21. PLATFORM

- Quist, M. C. 2001. Biology of salmonids and diversity of fishes in the Great Plains. Salem Woods Elementary School, Monroe, Washington, November 19. PLATFORM
- Quist, M. C., and C. S. Guy. 2001. Potential influence of harvest on shovelnose sturgeon populations in the Missouri River system. Missouri Department of Conservation, Shovelnose Sturgeon Commercial Harvest Workshop, Jefferson City, Missouri, June 6. PLATFORM
- Quist, M. C. 2001. Relationships between walleyes and white crappies in Kansas reservoirs. The Wildlife Society, Kansas State University, Manhattan, Kansas, April 18. PLATFORM
- Quist, M. C. 2000. Characteristics of successful fish and wildlife graduate students. The Wildlife Society, Kansas State University, Manhattan, Kansas, March 14. PLATFORM
- Quist, M. C., and C. S. Guy. 1997. Stream sampling and fish communities on Fort Riley Military Reservation. Fort Riley Natural Resources Department, Fort Riley Military Reservation, Kansas, May 28. PLATFORM
- Quist, M. C., and C. S. Guy. 1997. Structure and function of channel catfish and shovelnose sturgeon populations in the upper Kansas River. Annual Meeting of the Kansas Department of Wildlife and Parks–Fisheries Division, Wichita, Kansas, February 20. PLATFORM

GRANTS RECEIVED († = graduate student)

- Klein†, Z. B. and M. C. Quist, M. C. 2015-2019. Kokanee population dynamics, mysid-kokanee interactions, and sampling techniques in Idaho lakes. Idaho Department of Fish and Game, \$279,842
- Quist, M. C. 2014-2017. Microhabitat use of native and nonnative fishes in Kootenai River. Kootenai Tribe of Idaho, \$209,032.
- Quist, M. C. 2014-2017. Movement dynamics, distribution, habitat use, and species associations of juvenile burbot in tributaries of the Kootenai River. Idaho Department of Fish and Game, \$140,525.
- Quist, M. C. 2013-2016. Movement, mortality, and habitat use of westslope cutthroat trout in the South Fork Clearwater River watershed. Idaho Department of Fish and Game, \$126,000.
- Quist, M. C. 2013-2016. Population dynamics of lake trout in Priest Lake, Idaho. Idaho Department of Fish and Game, \$126,000.
- Quist, M. C. 2012-2014. Sampling designs and population dynamics of burbot in the Green River system: tools for management. Wyoming Game and Fish Department, \$141,478.
- Quist, M. C., and S. A. Carleton. 2012-2015. Efficacy of otolith microchemistry to determine natal origin and movement of westslope cutthroat trout and redband trout in northern Idaho watersheds. U.S. Geological Survey, \$23,000.
- Quist, M. C. 2012-2014. Effects of habitat restoration activities on fish assemblages and populations in side channels of the Kootenai River. Kootenai Tribe of Idaho, \$203,552.
- Quist, M. C. 2011-2013. Spawning ecology and effects of water level management on kokanee recruitment in Lake Pend Oreille. Idaho Department of Fish and Game, \$129,557.
- Quist, M. C. 2011-2013. Population structure, dynamics, and food habits of northern pike and smallmouth bass in Lake Coeur d'Alene: potential effects on adfluvial cutthroat trout and management alternatives. Coeur d'Alene Tribe, \$169,641.
- Quist, M. C. 2011-2013. Techniques and designs for evaluating juvenile burbot in the Kootenai River system. Idaho Department of Fish and Game, \$182,316.
- Quist, M. C. 2011-2013. Assessment of angler survey methods for managing Idaho's anadromous fisheries: creel survey design and the role of social desirability bias. Idaho Department of Fish and Game, \$84,000.
- Quist, M. C. 2011. Age structure and growth of outmigrating adfluvial westslope cutthroat trout in tributaries to Lake Coeur d'Alene. Coeur d'Alene Tribe, \$11,105.
- Quist, M. C., B. Cox, C. S. Guy, and A. Dux. 2010-2011. Use of seismic air guns to reduce survival of salmonid eggs and embryos. Idaho Department of Fish and Game, \$50,000.

- Dzul†, M. C., M. C. Quist, S. J. Dinsmore, S. Kyriazis, and M. R. Bower. 2009-2011. Abundance and movement of Salt Creek pupfish in Death Valley National Park. Death Valley Natural History Association, \$12,289.
- Quist, M. C., and C. L. Pierce. 2009-2012. Restoration of Topeka shiners in off-channel habitats: abiotic and biotic relationships. U.S. Fish and Wildlife Service and U.S. Geological Survey \$78,006.
- Quist, M. C., and C. L. Pierce. 2009-2012. Occurrence and abundance of Topeka shiners in west-central Iowa streams. Iowa Department of Natural Resources and U.S. Fish and Wildlife Service, \$126,500.
- Fischer†, J. R., and M. C. Quist. 2009-2012. Experimental evaluation of the relative effects of common carp and black bullhead on water quality, macrophytes, zooplankton, and benthic macroinvertebrates. Iowa Department of Natural Resources, \$13,701.
- Quist, M. C. 2009-2012. Fish species of greatest conservation need in Iowa's nonwadeable rivers: distribution, relative abundance, and relations with instream habitat and potential movement barriers. Iowa Department of Natural Resources, \$150,560.
- Quist, M. C., and S. J. Dinsmore. 2009-2012. Devils Hole pupfish population dynamics: patterns and processes. National Park Service, \$122,057.
- Quist, M. C., and C. L. Pierce. 2008-2011. Iowa stream fish species of greatest conservation need: using Iowa GAP and REMAP products to refine prioritization and guide assessment. Iowa Department of Natural Resources, \$145,770.
- Quist, M. C., and J. A. Downing. 2007-2012. Benchmarks of biological integrity for lake restoration success: fish, invertebrate, and plankton communities in Iowa lakes. Iowa Department of Natural Resources, \$673,958.
- Quist, M. C., and C. L. Pierce. 2007-2010. Methods for assessing the physical, chemical, and biological integrity of Iowa's nonwadeable rivers. Iowa Department of Natural Resources, \$141,823.
- Quist, M. C., T. W. Stewart, and T. M. Isenhardt. 2007-2008. Effects of managed riparian buffers on native fish assemblages in central Iowa streams. Iowa Department of Natural Resources, \$1,800.
- Quist, M. C., T. W. Stewart, and T. M. Isenhardt. 2007-2008. Effects of managed riparian buffers on the integrity of stream systems: a biological assessment using fish and invertebrate communities. U.S. Geological Survey, Iowa Water Center, \$16,609.
- Quist, M. C., and C. L. Pierce. 2007-2009. Effects of commercial harvest on shovelnose sturgeon. U.S. Fish and Wildlife Service and U.S. Geological Survey, \$10,379.
- Quist, M. C., and C. L. Pierce. 2006-2008. Effects of commercial harvest on shovelnose sturgeon in the upper Mississippi River. Iowa Department of Natural Resources, \$71,472.

- Quist, M. C. 2005-2008. Assessment of interrelationships between fisheries community and limnological characteristics in Iowa lakes. Iowa Department of Natural Resources, \$103,391.
- Quist, M. C., W. A. Hubert, D. D. Miller, and M. Bower. 2005-2006. Influence of anthropogenic barriers and hydrologic characteristics on the management and conservation of bluehead sucker, flannemouth sucker, and roundtail chub populations in the upper Muddy Creek watershed. U.S. Bureau of Land Management, \$77,000.
- Quist, M. C., and W. A. Hubert. 2005-2006. Age structure and growth of bluehead sucker, flannemouth sucker, and roundtail chub in Muddy Creek. U.S. Bureau of Land Management, \$20,000.
- Quist, M. C., W. A. Hubert, and D. D. Miller. 2004-2009. Evaluation of methods for estimating age structure and growth rates of bluehead sucker, flannemouth sucker, and roundtail chub in the Colorado River basin. U.S. Bureau of Reclamation, \$36,840.
- Quist, M. C., and W. A. Hubert. 2003-2005. Manual for Wyoming habitat assessment methodology (WHAM) Level I surveys. Wyoming Game and Fish Department, \$39,619.
- Guy, C. S., W. K. Dodds, and M. C. Quist. 1999-2003. Stocking success and factors influencing survival and growth of stocked walleyes. Kansas Department of Wildlife and Parks, \$160,378.
- Quist, M. C., and C. S. Guy. 1997. Population structure of channel catfish and shovelnose sturgeon in the Kansas River. Division of Biology (BRIEF), Kansas State University, \$1,756.