

Quinton E. Phelps

Curriculum Vitae

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Address Division of Forestry and Natural Resources
West Virginia University
Morgantown, West Virginia 26505
quinton.phelps@mail.wvu.edu

Academic Background

- 2011 Southern Illinois University, Carbondale, IL 62901; Doctor of Philosophy in Zoology. Dissertation: *Scaphirhynchus sturgeon early life history*
- 2006 South Dakota State University, Brookings, SD 57006; Master of Science in Wildlife and Fisheries Sciences. Thesis: *Population dynamics of common carp in eastern South Dakota glacial lakes*
- 2003 South Dakota State University, Brookings, SD 57006; Bachelor of Science in Wildlife and Fisheries Sciences
- 2000 Coffeyville Community College, Coffeyville, KS 67337; Associate of Science, Graduated: May 2000; GPA 3.44

Professional Employment

- 2017- Present West Virginia University; Division of forestry and Natural Resources; Assistant Professor (research and teaching; tenure track appointment)
- 2011- 2017 Southeast Missouri State University; Adjunct Professor and Instructor/ Missouri Department of Conservation, Big Rivers and Wetland Field Station, Jackson, Missouri, Fish Ecologist; Water Quality and Fishery Component Supervisor
- 2006-2011 Southern Illinois University Department of Zoology, Carbondale, Illinois Graduate Fishery Research Assistant
- 2003-2006 South Dakota State University Department of Wildlife and Fisheries, Brookings, South Dakota Graduate Fishery Research Assistant
- 2002-2003 South Dakota State University Department of Wildlife and Fisheries, Brookings, South Dakota Fishery Research Technician

1997-2001 Kansas Department of Wildlife, Parks and Tourism, Elk City Fish and Wildlife Office, Elk City, Kansas Fishery Technician/Creel Survey Clerk

Teaching Experience

2017 West Virginia University, Division of Forestry and Natural Resources, Morgantown, West Virginia, Instructor. Introduction to fisheries management (WMAN 445)

2015-2016 Fisheries analysis and modeling simulator; Jefferson City, Missouri. State funded-Course for existing fisheries biologists- 2 courses.

2013-2014 Southeast Missouri State University, Biology Department, Cape Girardeau, Missouri, Instructor. Three courses: Experimental Design (BIO 688), Population Ecology (BIO 420/620), and Habitat Management (BIO 430/630).

2010-2015 Southern Illinois University, Forestry Department, Carbondale, Illinois, Guest Lecturer. Watershed Management (FOR 420).

2012-2014 Southeast Missouri State University, Biology Department, Cape Girardeau, Missouri, Guest Lecturer. Two courses: Conservation Biology (BIO 435/635) and Wetland Plants (BI 485/685)

2010 Southern Illinois University, Department of Forestry, Carbondale, Illinois, Instructor. Small impoundment ecology and management (FOR 412)

2007-2011 Southern Illinois University, Fisheries and Illinois Aquaculture Center, Carbondale, Illinois, Lab Instructor. Fisheries Management (ZOOL 457)

2007-2011 Southern Illinois University, Fisheries and Illinois Aquaculture Center, Carbondale, Illinois, Guest Lecturer. Four Courses: Limnology (ZOOL 351), Conservation Biology (ZOOL 410), Fish Biology (ZOOL 375), and Advanced Fisheries Management (ZOOL 512)

2004-2006 South Dakota State University Department of Wildlife and Fisheries, Brookings, South Dakota Guest Lecturer. Three Courses: Principles of Fisheries Management (WL 412), Biometrics (WL 379), and Principles of Fisheries Management (WL 412)

2004 South Dakota State University Department of Wildlife and Fisheries, Brookings, South Dakota Lab Instructor. Principles of Fisheries Management (WL 412)

2002-2003 South Dakota State University Department of Wildlife and Fisheries, Brookings, South Dakota Volunteer Lab Assistant. Two Courses Ichthyology (WL 367) and Ornithology (WL 363)

Awards (student awards under my mentorship in bold)

2016 **Chris Schwinghamer**; Joan Duffy Travel Award, Midwest Fish and Wildlife Conference

2016 **Nicholas Kramer**; Finalist Janice Fenske Memorial, Midwest Fish and Wildlife Conference

2014 American Fisheries Society Young Professional Award, Portland, Oregon

2015 **Kyle Bales**; Joan Duffy Travel Award, Midwest Fish and Wildlife Conference

2015 **Kyle Bales**; Finalist Janice Fenske Memorial, Midwest Fish and Wildlife Conference

2015 **Kevin Haupt**; best student poster presentation. Iowa Chapter American Fisheries Society Annual Meeting Little Rock Arkansas. "Asian carp reproductive ecology in the Middle Mississippi River"

2014 Resource Science Division (Research) Achievement Award, Missouri Department of Conservation

2014 **Kyle Bales**; Skinner Memorial Honorable Mention, Annual American Fisheries Society Conference

2014 **Ryan Hupfeld**; Best Student Presentation Finalist, Annual American Fisheries Society Conference. "Paddlefish population characteristics of large Midwestern U.S. Rivers"

2012-2014 **Ryan Hupfeld**; Finalist Janice Fenske Memorial, Midwest Fish and Wildlife Conference

2014 **Ryan Hupfeld**; Student Achievement Award Winner, Midwest Fish and Wildlife Conference

2013 **Ryan Hupfeld**; best student oral presentation finalist. American Fisheries Society Annual Meeting Little Rock Arkansas. "Comparing commercial and recreational harvest characteristics of Paddlefish in the Middle Mississippi River"

2013 Iowa Chapter of the American Fisheries Society best professional oral presentation. “Environmental life history of sturgeon in the Missouri and Mississippi rivers”

2013 Hutton Mentor (2013), American Fisheries Society, Bethesda, Maryland

2011-2013 Missouri Department of Conservation Travel Award (2011-2013), American Fisheries Society Annual Meeting, Little Rock, Arkansas

2013 **Kyle Bales**; best student poster award. Missouri River Natural Resource Conference. “Age-0 Lake Sturgeon Prey Selectivity”

2012-2013 **Ryan Hupfeld**; Student Travel Award Recipient, Mississippi River Research Consortium

2012 **Justin Seibert**; Finalist Janice Fenske Memorial, Midwest Fish and Wildlife Conference

2012 **Kasey Yallaly**; Finalist Janice Fenske Memorial, Midwest Fish and Wildlife Conference

2012 **Justin Seibert**; Student Travel Award Recipient, Mississippi River Research Consortium

2010 Illinois Chapter of the American Fisheries Society best student oral presentation, “Identifying river of origin for age-0 *Scaphirhynchus* sturgeon in the middle Mississippi River using fin ray microchemistry”

2006-2010 Southern Illinois University Student Travel Award (2006-2010) American Fisheries Society Annual Meeting

2009 **Dawn Sechler**; Best Student Poster Award, (2009) Illinois Chapter of the American Fisheries Society “Diet composition of young-of-year shovelnose sturgeon in the Middle Mississippi River: Does foraging behavior change with season and total length?”

2009 Young professional mentee Award, American Fisheries Society Annual Meeting.

2008 Carl Blackwelder Award for dedication to research and teaching; Zoology department, Southern Illinois University

2008 Illinois Chapter of the American Fisheries Society (2008) student scholarship

2008 Todd Fink Memorial scholarship for threatened or endangered species

- 2006** **Kris Edwards;** Best Student Poster Award Dakota Chapter of the American Fisheries Society “Bluegill recruitment related to temperature, precipitation and winter severity in four South Dakota impoundments”
- 2006 Skinner Memorial Travel Award American Fisheries Society Annual Meeting
- 2006 Great Plains Fishery Workers Association, Master Student of the Year
- 2004 Dakota Chapter of the American Fisheries Society (2004) Best Student Poster Award “Relations between climatological variables and larval yellow perch abundance in eastern South Dakota glacial lakes”
- 2004 Schultz-Werth Award for Undergraduate Research, South Dakota State University “Influence of Hatch Timing and Daily Growth Rate on Size Structure of Age-0 Largemouth Bass Cohorts in Enemy Swim Lake, South Dakota”
- 2002-2003 Wilbur Allen Undergraduate Scholarship, Department of Wildlife and Fisheries Sciences South Dakota State University
- 2002-2003 William and Byrne Griffith Undergraduate Scholarship, College of Agriculture and Biological Sciences South Dakota State University
- 2002 McCook Lake Izaak Walton League Scholarship Annual Buffalo Banquet, Department of Wildlife and Fisheries South Dakota State University
- 1999-2001 Dean’s Undergraduate Scholarship (1999-2001), College of Sciences Coffeyville Community College

Professional Affiliations

- 2014-Present: Advisor Southeast Missouri State University subunit of American Fisheries Society
- 2011-Present Missouri Chapter of the American Fisheries Society
- 2007-Present Fisheries Management Section of the American Fisheries Society
- 2007-Present Education Section of the American Fisheries Society
- 2001-Present American Fisheries Society
- 2006-2011 Southern Illinois University Sub-Unit, American Fisheries Society,

2006-2011 Illinois Chapter of the American Fisheries Society
2003-2006 South Dakota State University Sub-Unit, American Fisheries Society,
2003-2006 Dakota Chapter of the American Fisheries Society

Professional Service

2016 Program co-chair- American Fisheries Society annual meeting, Kansas City, Missouri
2015 Chapter lead (“Structure Choice”) for American Fisheries Society age and growth text book edited by Michael Quist and Daniel Isermann
2015 Co-Organizer/Moderator for Missouri American Fisheries Society Annual Meeting
2015 Hutton Mentor for the American Fisheries Society
2014-Present Associate editor for North American Journal of Fisheries Management
2014-Present Co-Editor for American Fisheries Society Book: Fishery Resources, Environment, and Conservation in the Mississippi and Yangtze (Changjiang) River Basins
2014 Created Southeast Missouri State University Student Subunit of the American Fisheries Society
2014 Moderator for Asian carp session, Annual meeting of the American Fisheries Society
2013-Present Secretary/Treasurer for the Fisheries Management Section of AFS
2014 Midwest Fish and Wildlife Conference Moderator for Asian Carp Symposium
2013-Present Educational Requirements Committee; American Fisheries Society
2013 Hutton Mentor for the American Fisheries Society (Levi Bachman now undergraduate student at University of Missouri)
2013-Present Educational Requirements Committee, American Fisheries Society
2012-Present North Central Division representative for the student section of the American Fisheries Society
2012 Judge for best student paper at annual American Fisheries Society meeting

2012	Symposium Organizer, Annual American Fisheries Society Meeting “The impacts of flooding of 2011 in the Mississippi and Missouri rivers”
2011-Present	Young Professional and Hall of Excellence Committee Co-Chair, Fisheries Management Section of AFS
2012	Served on American Fisheries Society young-professional award committee
2010	Editor for American Fisheries Society Book: “Advances in Fish Tagging and Marking Technology”
2009	Reviewer for third edition of Inland Fisheries Management
2009	Moderator for rivers and streams session, Midwest Fish and Wildlife Conference
2009	Nominated to serve as a young professional (i.e., mentee) on the governing board at the Annual American Fisheries Conference
2007- 2011	North Central Division of the American Fisheries Society Student Affairs Committee Chair
2008- 2013	Editor of the Fisheries Management Section of the American Fisheries Society Newsletter
2008- 2011	Editor of the Illinois American Fisheries Society Newsletter
2007- 2011:	Southern Illinois University Student Subunit of the American Fisheries Society Pond management outreach coordinator
2005-Present	Reviewer for North American Journal of Fisheries Management, Journal of Fish Biology, Transactions of the American Fisheries Society, Prairie Naturalist, Fisheries Research, Hydrobiologia, Fisheries Management and Ecology, Illinois Academy of Sciences, Ecology of Freshwater Fish, Fisheries Management and Ecology, American Midland Naturalist, Northeastern Naturalist, River Research and Applications, Canadian Journal of Fisheries and Aquatic Science
2008-2009	Southern Illinois University student subunit president of the American Fisheries Society
2007	Moderator for fisheries hydroacoustics symposium, Midwest Fish and Wildlife Conference

- 2007-2008: Southern Illinois University student subunit vice president of the American Fisheries Society
- 2004-2005 Dakota Chapter of the American Fisheries Society Student Affairs Co-Chair

Interagency Interactions (contact names if needed)

- 2001-Present Michigan Department of Natural Resources, New York State Department of Environmental Conservation, Indiana Department of Natural Resources, Illinois Department of Natural Resources, Illinois Natural History Survey, Ohio Department of Natural Resources, U.S. Fish & Wildlife Service; Oklahoma Department of Wildlife Conservation, Oklahoma Cooperative Fish and Wildlife Research Unit, Kentucky Department of Fish and Wildlife Resources, Missouri Department of Conservation, Missouri Cooperative Fish and Wildlife Research Unit, Arkansas Game and Fish Commission, Illinois Department of Natural Resources, Idaho Cooperative Fish and Wildlife Research Unit, South Dakota Department of Game, Fish, and Parks, Minnesota Department of Natural Resources, Iowa Department of Natural Resources, Kansas Department of Wildlife, Parks, and Tourism, Wisconsin Cooperative Fish and Wildlife Research Unit, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, U.S. Geological Survey

Outreach

- 2011-Present Aquatic ecology and education- Travel Channel (Bizarre Foods with Andrew Zimmern), Little Rock Marriott Hotel (Chef Chris Strob) National Public Radio (Cape Girardeau, Missouri), Ducks Unlimited, Fox Network (St. Louis, Missouri), CBS network (Cape Girardeau, Missouri), test taste evaluations with Mark Morgan (University of Missouri), extensive newspaper articles, including multiple public seminars (state fair, boat and sport show, ecology days), You Tube demonstrations
- 2014-Present Southeast Missouri State University student subunit of AFS pond management for local landowners
- 2010 National Geographic; River Monsters with Zeb Hogan. The American Paddlefish
- 2008-2010: Pond Management for the public of Southern Illinois, Southern Illinois Subunit of the American Fisheries Society, Carbondale, Illinois
- 2010 Pond Management Instruction, Illinois Extension Office, Carbondale, IL
- 2008-2010 Anna Kids Day (Fishing Instruction), Anna, Illinois

2006-2010 Urban Fishing Assistant, Carbondale, Illinois
2001-2005 Take a Kid Fishing Assistant, South Dakota State University
1999-2000 Assisted with Kids fishing demonstrations, Kansas Wildlife, Parks, and Tourism

Technical Training

2015 Supervisory training 101; Jefferson City, Missouri
2015 Larval fish identification Workshop; Dr. Ed Roseman, Indianapolis, Indiana
2014 Fisheries Analysis and Modeling Simulator Workshop; Dr. Jeff Slipke, Kansas City, Missouri
2014 Structured Decision Making Workshop, United States Fish and Wildlife Service, Columbia, Missouri
2013 United States Fish and Wildlife Service; Electrofishing Workshop, Warsaw, Missouri
2013 Aquatic Plant Management Workshop; St. Louis, Missouri
2012 Beyond Before After Control Impact Workshop, Wichita, Kansas
2012 Introduction to R (statistical software), Wichita, Kansas
2011 Age and Growth Workshop, Dr. Michael Maceina, Columbia, Missouri
2011 Side Channel Rehabilitation Workshop, Cape Girardeau, Missouri
2010 Occupancy/Detection Probability Modeling Workshop, Columbia, Missouri
2009 Leadership Training Workshop; Nashville, TN Annual American Fisheries Society Meeting
2009 Side-scan high definition sonar, Carbondale, IL
2008 Hydroacoustic training (Biosonics), Carbondale, IL
2007 Southern Division of the American Fisheries Society, Memphis, Tennessee; Application of Fishery Analyses Simulation Tool (FAST)

2005 University of Minnesota, Duluth, Minnesota; sponsored by the Minnesota Chapter, American Fisheries Society: Introduction to Program Mark Brookings, SD

Peer-reviewed publications (Students mentored in Bold)

54. **Haupt, K.J.** and Q.E. Phelps. 2016. Habitat associations in large river fishes: The interactions among invasive silver carp and native fishes. *Aquatic Invasions* 11:93-99.
53. **Braun, A.B.** and Q.E. Phelps. 2016. Channel catfish habitat use and diet in the Mississippi River. *American Midland Naturalist* 175:47-54.
52. **Bueltmann, A.** and Q. Phelps. 2015 Assessment of the Middle Mississippi River Channel Catfish Population. *Copeia* 103: 580-585.
51. **Seibert, J.R.**, Q.E. Phelps, S. Tripp, L. Solomon, T. Stefanavage, and M. Taylor. 2015. Use of exploitation simulation models for silver carp (*Hypophthalmichthys molitrix*) populations in several Midwestern U.S. rivers. *Management of Biological Invasions* 3:295–302.
50. Phelps, Q.E., S.J. Tripp, D.P. Herzog, and J.E. Garvey. 2015. Temporary connectivity: A comparison of the New Madrid floodway and the adjacent main river. *Restoration Ecology* 23: 53-56.
49. **Hintz, W.D., A.P. Porrecca,** J.E. Garvey Q.E., Phelps, S.J. Tripp, J.E. Garvey, D.P. R.A. Hrabik and D.P. Herzog. 2014 Abiotic attributes surrounding alluvial islands generate critical fish habitat *River Research and Applications* 31: 1218-1226.
48. **Hupfeld, R. N.,** Q. E. Phelps, M. K. Flammang, and G. W. Whitley. 2015. Assessment of the effects of high summer water temperatures on Shovelnose Sturgeon and potential implications of climate change. *River Research and Applications* 31: 1195-1201.
47. Hamel, M.J. M.A. Pegg, R.R. Goforth, Q.E. Phelps, K.D. Steffensen, J.J. Hammen, M.L. Rugg. 2015 Range-wide Age and Growth Characteristics of Shovelnose Sturgeon from Mark-Recapture Data: Implications for Conservation and Management. *Canadian Journal of Fisheries and Aquatic Sciences* 72: 1–12.
46. **Johnson J.L, W. D. Hintz,** J.E. Garvey, Q. E. Phelps, and S.J. Tripp 2014. Evaluating Growth, Survival and Swimming Performance to Determine the Feasibility of Telemetry for Age-0 Pallid Sturgeon (*Scaphirhynchus albus*). *American Midland Naturalist* 171:68-77.
45. **Yallaly, K. L.** Q.E. Phelps, J. R. Seibert, S.J., Tripp, and D., Herzog, 2014. Sauger life history in the lower portion of the Upper Mississippi River. *Prairie Naturalist* 46:44-47.

44. **Hupfeld, R. N.** and Q. E. Phelps. 2014. Comparing commercial and recreational harvest characteristics of paddlefish in the middle Mississippi River. *Journal of Applied Ichthyology* 30: 1531-1535.
43. Phelps, Q.E., H. Lewis, S. Tripp, M. Hill, J. Trushenski, and J. Garvey. 2014. The influence of a chemical therapeutant on growth and survival of hybrid striped bass surgically implanted with dummy ultrasonic transmitters. *Illinois Academy of Sciences* 107: 1-6.
42. **Yallaly, K. J.** Seibert, and Q. Phelps. 2014. Synergy between silver carp egestion and benthic fishes. *Environmental Biology of Fishes*. Online First
41. Phelps, Q.E., J.R. Ridings, and D.P. Herzog. 2014. American eel population characteristics in the Upper Mississippi River. *American Midland Naturalist* 171:165-171.
40. Phelps, Q.E., I. Vining, D. Herzog, V. Travnichek, R. Dames, S. Tripp, and M. Boone. 2013. A comparison of shovelnose sturgeon mortality estimates using multiple methods. *North American Journal of Fisheries Management* 33:754:761.
39. Phelps, Q. E., and D.W. Willis. 2013. Development of an Asian carp size structure index and application through demonstration. *North American Journal of Fisheries Management* 33:338-343.
38. **Seibert, J. R.** and Q. E. Phelps. 2013. Evaluation of silver carp ages derived from seven bony structures in Midwestern U.S. Rivers: Implications for management of invasive populations. *North American Journal of Fisheries Management* 33:839-944.
37. **Solomon, L.**, Q.E. Phelps, D.P. Herzog, C. Kennedy, and M.S. Taylor. 2013. Newly established juvenile alligator gar movement patterns in a backwater of the Mississippi River. *American Midland Naturalist* 169:336-344.
36. **Sechler, D.R.**, Q.E. Phelps, S.J. Tripp, J.E. Garvey, D.P. Herzog, D.E. Ostendorf, J.W. Ridings, J.W. Crites, R.A. Hrabik. 2013. Habitat for Age-0 Shovelnose Sturgeon and Pallid Sturgeon in a Large River: Interactions among Abiotic Factors, Food, and Energy Intake. *North American Journal of Fisheries Management* 32:24-31.
35. **Sechler, D.R.**, Q.E. Phelps, S.J. Tripp, J.E. Garvey, D.P. Herzog, D.E. Ostendorf, J.W. Ridings, J.W. Crites, R.A. Hrabik. 2012. Effects of water temperature and stage height on diet composition of age-0 sturgeon (*Scaphirhynchus* spp.): a multi-year study. *Journal of Applied Ichthyology* 29:44-50.
34. Phelps, Q.E., G.W. Whitley, S.J. Tripp, K.T. Smith, J.E. Garvey, D.P. Herzog, D. E. Ostendorf, J.W. Ridings, J.W. Crites, R.A. Hrabik, W. Doyle, and T. Hill. 2012. Identifying river of origin for age-0 *Scaphirhynchus* sturgeon in the middle Mississippi River using fin ray microchemistry. *Canadian Journal of Fisheries and Aquatic Sciences* 69:930-941.

33. McCain, K.S., J.W. Ridings, Q.E. Phelps, and R.A. Hrabik. 2011. Population Trends of Flathead Catfish (*Pylodictis olivaris*), Channel Catfish (*Ictalurus punctatus*), and Blue Catfish (*I. furcatus*) in Impounded and Unimpounded Reaches of the Upper Mississippi River (1993-2007). *Catfish 2010: Conservation, Ecology, and Management of Catfish-the second international symposium*, American Fisheries Society, Bethesda, Maryland 77:141-153.
32. Phelps, Q.E., D.P. Herzog, S.J. Tripp, J.E. Garvey, D. E. Ostendorf, J.W. Ridings, J.W. Crites, R.A. Hrabik. 2011. Juvenile channel catfish habitat use in the middle Mississippi River. *Catfish 2010: Conservation, Ecology, and Management of Catfish-the second international symposium*, American Fisheries Society, Bethesda, Maryland 77: 535-543.
31. Koch, B., R.C. Brooks, A. Oliver, D.P. Herzog, J.E. Garvey, R. Hrabik, R.E. Colombo, Q.E. Phelps, and T. Spier. 2012. Habitat use and movement of naturally reproducing pallid sturgeon in the Middle Mississippi River. *Transactions of the American Fisheries Society* 141:112-120.
30. Phelps, Q.E., M.J. Ward, and D.W. Willis. 2011. White bass population demographics in a northwestern South Dakota Reservoir. *Journal of Freshwater Ecology* 26:249-254.
29. **Seibert, J. R.**, Q. E. Phelps, S. J. Tripp, and J. E. Garvey. 2011. Seasonal diet composition of adult shovelnose sturgeon in the Middle Mississippi River. *American Midland Naturalist* 165: 355-363.
28. Crites, J.W., Q.E. Phelps, K.S. McCain, D.P. Herzog, and R.A. Hrabik . 2011. An investigation of fish community and water quality compositions in an isolated side channel of the Upper Mississippi River. *Journal of Freshwater Ecology* 27:19-29.
27. Smith, K.T., M. Noatch, N.P. Rude, D.R. Sechler, Q.E. Phelps, and G.W. Whitley. 2010. Contrasting Population Characteristics of Yellow Bass (*Morone mississippiensis*) in Two Southern Illinois Reservoirs. *Journal of Applied Ichthyology* 27:46-52.
26. Phelps, Q.E., S.J. Tripp, J.E. Garvey, D.P. Herzog, D. E. Ostendorf, J.W. Ridings, J.W. Crites, R.A. Hrabik. 2010. Water Temperature and River Stage Influence Mortality and Abundance of Naturally Occurring Mississippi River Scaphirhynchus Sturgeons North American Journal of Fisheries Management 30: 767-775.
25. Phelps, Q.E., S.J. Tripp, J.E. Garvey, D.P. Herzog, D. E. Ostendorf, J.W. Ridings, J.W. Crites, R.A. Hrabik. 2010. Habitat use during early-life history to infer recovery needs for river sturgeon. *Transactions of the American Fisheries Society* 139: 1060-1068.
24. Colombo, R.E., Q.E. Phelps, C.M. Miller, R.C. Heidinger, J.E. Garvey, and N.S. Richards. 2010. Comparison of channel catfish age estimates and resulting population demographics using two common structures. *North American Journal of Fisheries Management* 30: 305-308.

23. Phelps, Q.E., H. Lewis, D. Meyers, M. Noatch, J. Eichelberger, M. Saltzgiver, and G. Whitley. 2010. Prey Fish Otolith Chemistry Consumed by a Predator: Does Digestion Hinder Russian Doll Techniques? *Journal of Fish Biology* 75: 2606-2614.
22. Phelps, Q.E., S.J. Tripp, J.E. Garvey, D.P. Herzog, D. E. Ostendorf, J.W. Ridings, J.W. Crites, R.A. Hrabik.. 2009. Ecology and habitat use of age-0 paddlefish in the unimpounded Middle Mississippi River. Pages 423-440 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 66: 423-440.
21. Wahl, N.C., Q.E. Phelps, W.E., S. Lynott, and J.E. Garvey. 2009. Comparing Scale and Sagittal Otolith Back-Calculated Lengths at Age in Crappies. *Journal of Freshwater Ecology* 24: 469-475.
20. Phelps, Q. E., D. P. Herzog, R. C. Brooks, V. A. Barko, D. E. Ostendorf, J. W. Ridings, S. J. Tripp, J.E. Garvey, and R. A. Hrabik. 2009. Comparing sturgeon catch rates among gears and seasons in the Middle Mississippi River. *North American Journal of Fisheries Management* 29: 1487-1495.
19. Tripp, S. J., Q. E. Phelps, R. E. Colombo, J. E. Garvey, B. M. Burr, D. P. Herzog, R. A. Hrabik. 2009. Maturation and reproduction of shovelnose sturgeon in the Middle Mississippi River. *North American Journal of Fisheries Management* 29: 730-738.
18. Phelps, Q.E., A.M. Lohmeyer, N.C. Wahl, J.M. Zeigler, and G.W. Whitley. 2009. Black crappie nest site selection: habitat characteristics and anthropogenic influences in a small southern Midwest reservoir. *North American Journal of Fisheries Management* 29: 189-195.
17. Phelps, Q.E. and N.C. Wahl. 2008. Connecting with the community: Creating managers through active pond management outreach. *Fisheries* 33: 464-467.
16. **Rasmus, R.A.**, Q.E. Phelps, J.P. Duehr, and C.R. Berry. 2008. Population characteristics of lotic orangespotted sunfish. *Journal of Freshwater Ecology* 23: 459-461.
15. Rydell, J.J., J.C. Jolley, Q.E. Phelps, and D.W. Willis. 2008. Population characteristics of northern pike in a Nebraska Sandhill Lake. *Transactions of the Nebraska Academy of Science* 31: 43-49.
14. Phelps, Q.E., B.D.S. Graeb, and D.W. Willis. 2008. Influence of the Moran effect on spatio-temporal synchrony in common carp recruitment. *Transactions of the American Fisheries Society* 137: 1701-1708.
13. Phelps, Q.E., D.A. Isermann, and D.W. Willis. 2008. Influence of hatch timing and individual daily growth rates on size structure of age-0 smallmouth bass cohorts in two South Dakota glacial lakes. *Fisheries Management and Ecology* 17: 363-373.

12. Colombo, R.E., Q.E. Phelps, J.E. Garvey, R.C. Heidinger, and T. Stefanavage. 2008. Gear-specific population demographics of Channel Catfish in a large un-impounded Midwestern river. *North American Journal of Fisheries Management* 28: 241-246.
11. Phelps, Q.E., B.D.S. Graeb, and D.W. Willis. 2008. First year growth and survival of common carp in two glacial lakes. *Fisheries Management and Ecology* 15: 85-91.
10. Allen, T.C., Q.E. Phelps, R.D. Davinroy, and D.M. Lamm. 2007. A laboratory examination of substrate, water depth and light use at two water velocity levels by individual juvenile pallid (*Scaphirhynchus albus*) and shovelnose (*Scaphirhynchus platyrhynchus*) sturgeon. *Journal of Applied Ichthyology* 23: 375-381.
9. Phelps, Q.E., K. Powell, S.R. Chipps, and D.W. Willis. 2007. A method for quantifying stomach fullness in planktivorous fish. *North American Journal of Fisheries Management* 27: 932-935.
8. Phelps, Q.E., **K.R. Edwards**, and D.W. Willis. 2007. Precision of common carp age estimates using five different structures. *North American Journal of Fisheries Management* 27: 103-105.
7. **Edwards, K. R.**, Q. E. Phelps, B. D. S. Graeb, and D. W. Willis. 2007. Asynchronous bluegill recruitment in four South Dakota impoundments. *Journal of Freshwater Ecology* 22: 19-22.
6. **Gosch, N. J. C.**, Q. E. Phelps, and D. W. Willis. 2006. Bluegill nest-site selection in a South Dakota glacial lake. *Ecology of Freshwater Fish* 15: 464-469.
5. **Rasmus, R.A.**, Q.E. Phelps, J.P. Duehr. 2006. (Abstract Only) Population characteristics of lotic orangespotted sunfish. *South Dakota Academy of Science* 84: 349.
4. **Edwards, K.R.**, Q. E. Phelps, J. L. Shepherd, J. D. Jungwirth, and D. W. Willis. 2005. Comparison of scale and otolith age estimates for two South Dakota bluegill populations. *South Dakota Academy of Science* 84: 181-186.
3. Phelps, Q.E., M.J. Ward, C.P. Paukert, S.R. Chipps, and D.W. Willis. 2005. Biotic and abiotic correlates with black bullhead population characteristics in Nebraska Sandhill lakes. *Journal of Freshwater Ecology* 20: 295-302.
2. Ward, M.J., Anderson, M.R., S.J. Fisher, D.A. Isermann, Q.E. Phelps, and D.W. Willis. 2004. Relations between climatological variables and larval yellow perch abundance in eastern South Dakota glacial lakes. *Journal of Freshwater Ecology* 19: 213-218.
1. Phelps, Q.E., D.A. Isermann, and D.W. Willis. 2003. Influence of hatch timing and daily growth rate on size structure of age-0 largemouth bass cohorts in Enemy Swim Lake, South Dakota. *Proceedings of the South Dakota Academy of Science* 82: 35-41.