

MARTIN J. HAMEL

Research Assistant Professor
University of Nebraska-Lincoln
School of Natural Resources

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EDUCATION

PhD 2013 University of Nebraska, Lincoln; Natural Resource Sciences – Applied Ecology Specialization;
Dissertation: Determining *Scaphirhynchus* Sturgeon Population Demographics and Dynamics:
Implications for Range-Wide Management, Recovery, and Conservation; Advisor: M.A. Pegg

MS 2006 South Dakota State University; Wildlife and Fisheries Sciences – Fisheries Specialization;
Thesis: Behavioral Responses of Rainbow Smelt to Sensory Deterrent Systems; Advisor: M.L.
Brown

BS 2003 Upper Iowa University; Conservation Management and Biology; Senior Thesis Project:
Crepidostomum in Rock Bass (*Ambloplites rupestris*); Advisor: R. Klann

AAS 2001 Kirkwood Community College; Parks and Natural Resources

PROFESSIONAL WORK EXPERIENCE

2014-present Research Assistant Professor, School of Natural Resources, University of Nebraska-
Lincoln, 3310 Holdrege St., Lincoln, NE 68503

Duties:

- Independently plan and conduct primary research in river ecology and conservation biology
- Compile, analyze, and publish data in peer-reviewed journals
- Present research findings at conferences, workshops, and seminars
- Provide leadership to graduate students and hired technicians in order to perform project objectives
- Advise graduate students on research and participate on graduate committees
- Construct and adhere to program budgets
- Work collaboratively with state conservation agencies to formulate policies, programs, and budgets
- Advise Nebraska Game and Parks Commission on management recommendations
- Directs, supervises, and delegates supervision to subordinates; directly evaluates subordinate's work
- Assess necessary or important habitat components for species occurrence
- Independently determine anthropogenic impacts on threatened and endangered species
- Assist in providing expertise to the pallid sturgeon recovery plan
- Provide technical assistance to state and federal agencies in conservation of threatened and endangered species
- Obtain the necessary permits to carry out endangered species collections

2008-2014 Research Technologist II – River Ecology Specialist, School of Natural Resources,
University of Nebraska-Lincoln, 3310 Holdrege St., Lincoln, NE 68503.

Duties:

- Independently conducted primary research in large river ecology
- Coordinated activities pursuant to the Endangered Species Act; adhered to endangered species collector's permit and submitted annual reports as instructed
- Crew leader tasked to collect field sampling data and develop novel techniques for sampling game and non-game species
- Conducted pallid sturgeon (endangered species) status surveys in cooperation with other state and federal agencies
- Compiled, analyzed, and published data in peer-reviewed journals
- Presented research findings at conferences, workshops, and seminars
- Provided leadership to graduate students and hired technicians in order to perform project objectives; directly evaluated subordinate's work
- Constructed and adhered to program budgets
- Worked collaboratively with state conservation agencies to formulate policies, programs, and budgets
- Independently determined anthropogenic impacts on threatened and endangered species
- Assisted in providing expertise to the pallid sturgeon recovery plan
- Provided technical assistance to state and federal agencies in conservation of threatened and endangered species

2006-2008 Fisheries Biologist I, Nebraska Game and Parks Commission, 2200 N. 33rd St., Lincoln, NE 68503.

Duties:

- Crew leader tasked to collect field sampling data for an endangered species
- Conducted pallid sturgeon (endangered species) status surveys in cooperation with other state and federal agencies
- Compiled, analyzed, and published data in peer-reviewed journals
- Presented research findings at conferences
- Provided leadership to subordinate biologists and technicians
- Adhered to program budgets
- Assisted in providing expertise to the pallid sturgeon recovery plan
- Provided technical assistance to state and federal agencies in conservation of threatened and endangered species

OTHER EXPERIENCE AND SKILLS

Worked collaboratively on projects with the Nebraska Game and Parks Commission, Nebraska Department of Environmental Quality, the Nebraska Army National Guard, Nebraska's Natural Resource Districts, the United States Geological Survey, and the United States Fish and Wildlife Service.

Represented the interests of the Nebraska Chapter of the American Fisheries Society as the president on both policy and technical issues relating to water rights, habitat conservation, and fish management.

Represented the interests of the American Fisheries Society as an appointed member of the communications committee on effective dissemination of societal news, policy and technical issues.

Appointed as secretary/treasurer for the Education Section of American Fisheries Society.

Manage budgets for several grants that total several hundred thousand dollars.

Provide leadership through participation in several appointed committees or officer positions within the American Fisheries Society and the University of Nebraska. Scientific roles include the integration of

biological or ecological functions and processes into management plans and practices; whereas, administrative roles attempt to streamline decision processes on policy or regulations for others throughout the program.

Co-founder of Transition Tales, a small business that creates personalized children's books to help children achieve success through early-life milestones. Responsible for business management, including accounting, marketing, and operations.

COOPERATIVE ACTIVITIES

Pallid Sturgeon (Endangered Species) Middle Basin Workgroup (01/2005 – present) – The pallid sturgeon middle basin workgroup consists of state, federal, and university management and research agencies from the middle and lower Missouri River and middle Mississippi River. This group meets bi-annually to discuss current pallid sturgeon research and management objectives and to assist in resolving problems using our knowledge of the Endangered Species Act. I am the representative for pallid sturgeon research conducted in the Platte River, Nebraska. I provide annual summary statistics to the group and collaborate with other personal to further pallid sturgeon research.

Lower Platte River Workgroup (01/2010 – present) – The lower Platte River workgroup assesses the ecological function of the lower Platte River and its relevancy for endangered species recovery. This information is utilized for water permitting decisions relating to bridge and pier construction projects, water irrigation, and water diversions. I provide input to the workgroup as it relates to endangered species (i.e., pallid sturgeon) and present concurrent sturgeon research on an annual basis.

American Fisheries Society (12/2015 – present) – Communications Strategic Planning Committee. This committee is tasked to recommend priorities on actions within the *Communications Strategic Plan*, including resources required for implementation, to the Governing Board.

American Fisheries Society Education Section (11/2016 – present) – Secretary/treasurer. The education section improves the quality of education for scientists and students and promotes the exchange of information, techniques, and materials among educators and among educational institutions.

American Fisheries Society Fish Management Section (02/2014 – present) – Young Professional's Committee. This committee is tasked to increase enrollment and participation of young professionals who are recently employed or just finishing graduate school.

Nebraska Chapter of the American Fisheries Society (02/2007 – present) – Past Chapter President. I serve as a past-president of the chapter and work together with the other members of the executive committee to make recommendations and decisions on all matters relating to aquatic resources in the state of Nebraska.

ACADEMIC EXPERIENCE

Courses Taught:

Stream Ecology (NRES 481/881) – Fall 2015

Exploring Fisheries Opportunities and Research; Co-Instructor with Dr. Mark Pegg (NRES 163) – Annually since 2013

Guest Lecturer – Fisheries Science (NRES 463/863)
Guest Lecturer – Ichthyology (NRES 489/889)

Graduate students supervised:

- 2017-present Emily Forzono, M.S. Student – University of Nebraska
Project: Biological monitoring of restored chutes and effectiveness in offsetting adverse effects from levee construction at the Camp Ashland training site for the Nebraska Army National Guard
- 2014-2017 Caleb Uerling, M.S. Student –University of Nebraska
Project: Biological monitoring of restored chutes and effectiveness in offsetting adverse effects from levee construction at the Camp Ashland training site for the Nebraska Army National Guard

Students mentored:

- 2017-present Henry Hansen, M.S. Student (committee member) – University of Nebraska
Project: Assessing channel catfish movement and connectivity in the Red River of the North, Manitoba, Canada
- 2015-2017 Dylan Turner, M.S. student (committee member) – University of Nebraska
Project: Estimation of energy use for Flathead Catfish in the Missouri River bordering Nebraska
- 2014-2015 Stephen Siddons, M.S. student – University of Nebraska
Project: Population Dynamics of Channel Catfish in the Red River, Manitoba
- 2008-2015 Jeremy Hammen, Ph.D. candidate – University of Nebraska
Project: Population Dynamics of Shovelnose Sturgeon in the Lower Platte River, Nebraska
- 2010-2013 Mathew Rugg, M.S. student – University of Nebraska
Project: Reproductive Ecology of Shovelnose Sturgeon in the Lower Platte River, Nebraska
- 2008-2009 Tara Anderson, M.S. student – University of Nebraska
Project: Shovelnose Sturgeon Age and Growth Characteristics and Fish Community Characteristics of the Lower Platte River and Missouri River near Nebraska

PEER-REVIEWED PUBLICATIONS

Goto, D., **M.J. Hamel**, M.A. Pegg, J.J. Hammen, M.L. Rugg, and V.E. Forbes. 2017. Spatially dynamic maternal control of migratory fish recruitment pulses triggered by shifting seasonal cues. *Marine and Freshwater Research*. DOI: 10.1071/MF17082

Hammen, J.J., **M.J. Hamel**, M.L. Rugg, and M.A. Pegg. In Production. Population characteristics of Shovelnose Sturgeon during low- and high-water conditions in the lower Platte River, Nebraska. *North American Journal of Fisheries Management*.

Hamel, M.J., A.J. Blank, J.J. Spurgeon, and M.A. Pegg. 2017. Channel catfish population characteristics in lower Platte River, NE, USA. *Fisheries Management and Ecology* DOI: 10.1111/fme.12247

Phelps, Q.E., **M.J. Hamel**, S.A. Tripp, Z. Jackson, and R. Koenigs. 2017. Choice of structure – selecting the appropriate aging structure *in* M.C. Quist and D.A. Isermann, editors. *Age and growth of fishes: principles and techniques*. American Fisheries Society, Bethesda, Maryland.

Hammen, J.J., **M.J. Hamel**, M.L. Rugg, and M.A. Pegg. 2017. Habitat associations of shovelnose sturgeon *Scaphirhynchus platyrhynchus* (Rafinesque, 1820) in the lower Platte River, Nebraska. *Journal of Applied Ichthyology* DOI: 10.1111/jai.13513.

Phelps, Q.E., S.J. Tripp, **M.J. Hamel**, J. Koch, E.J. Heist, J.E. Garvey, K.M. Kappenman, and M.A.H. Webb. 2016. Status of knowledge of the Shovelnose Sturgeon (*Scaphirhynchus platyrhynchus*, Rafinesque, 1820). *Journal of Applied Ichthyology* 32:249-260.

Hamel, M.J., J.J. Spurgeon, C.J. Chizinski, K.D. Steffensen, M.A. Pegg. 2016. Variability in age estimation results in ambiguity and false understanding of population persistence. *North American Journal of Fisheries Management* 36:514-522.

Hamel, M.J., J.J. Spurgeon, M.L. Pegg, J.J. Hammen, and M.L. Rugg. 2016. Hydrologic variability influences distribution and occurrence of pallid sturgeon in a Missouri River tributary. *River Research and Application* 32:320-329.

Spurgeon, J.J., **M.J. Hamel**, M.A. Pegg. 2016. Multi-scale approach to hydrological classification provides insight to flow structure in an altered river system. *River Research and Applications*. DOI: 10.1002/rra.3041

Hamel, M.J., M.L. Rugg, J.J. Hammen, and M.A. Pegg. 2015. Reproductive traits of shovelnose sturgeon *Scaphirhynchus platyrhynchus* (Rafinesque, 1820) in the Lower Platte River, Nebraska. *Journal of Applied Ichthyology*.

Spurgeon, J.J., **M.J. Hamel**, M.A. Pegg, and K.L. Pope. 2015. The global status of freshwater fish age validation studies and a prioritization framework for further research. *Reviews in Fisheries Science and Aquaculture* 23:329-345.

Hogberg, N.P., **M.J. Hamel**, and M.A. Pegg. 2015. Age-0 channel catfish *Ictalurus punctatus* growth related to environmental conditions in the channelized Missouri River, Nebraska. *River Research and Applications*. DOI: 10.1002/rra.2890.

Hamel, M.J., M.A. Pegg, R.R. Goforth, Q.E. Phelps, K.D. Steffensen, J.J. Hammen, and M.L. Rugg. 2014. 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* 72:71-82.

Goto, D., **M.J. Hamel**, J.J. Hammen, M.L. Rugg, M.A. Pegg, and V.E. Forbes. 2014. Spatiotemporal variation in flow-dependent recruitment of long-lived riverine fish: Model development and evaluation. *Ecological Modelling* 296:79-92.

Rugg, M.L., **M.J. Hamel**, M.A. Pegg, and J.J. Hammen. 2014. Validation of annuli formation in pectoral fin rays from shovelnose sturgeon in the lower Platte River, Nebraska. *North American Journal of Fisheries Management* 34:1028-1032.

Hamel, M.J., M.A. Pegg, J.J. Hammen, and M.L. Rugg. 2014. Population characteristics of pallid sturgeon in the lower Platte River, Nebraska. *Journal of Applied Ichthyology* 30:1362-1370.

Hamel, M.J., J.D. Koch, K.D. Steffensen, M.A. Pegg, J.J. Hammen, and M.L. Rugg. 2014. Using mark-recapture information to validate and assess age and growth of long-lived fish species. *Canadian Journal of Fisheries and Aquatic Sciences* 71:559-566.

Hamel, M.J., K.D. Steffensen, J.J. Hammen, and M.A. Pegg. 2013. Evaluation of PIT Tag Retention from Two Tagging Locations in Juvenile Pallid Sturgeon. *Journal of Applied Ichthyology* 29:41-43.

Hamel, M.J., J.J. Hammen, and M.A. Pegg. 2012. Tag Retention of T-Bar Anchor Tags and Passive Integrated Transponder Tags in Shovelnose Sturgeon. *North American Journal of Fisheries Management* 32:533-538.

Hamel, M.J., N.L. Richards, M.L. Brown, and S.R. Chipps. 2010. Avoidance of Strobe Lights by Zooplankton. *Lake and Reservoir Management* 26:212-216.

Hamel, M.J., K.D. Steffensen, P.T. Horner, and S.M. Stukel. 2009. A comparison of catch rate with two different benthic trawls in the Missouri River. *Journal of Freshwater Ecology* 24:625-634.

Hamel, M.J., M.L. Brown, and S.R. Chipps. 2008. Behavioral Responses of Rainbow Smelt to *in situ* Strobe Lights. *North American Journal of Fisheries Management* 28:394-401.

Neely, B.C., **M.J. Hamel**, and K.D. Steffensen. 2008. A Proposed Standard Weight Equation for Blue Suckers. *North American Journal of Fisheries Management* 28:1450-1452.

PUBLICATIONS IN REVIEW

Spurgeon J.J., M.J. Hamel, K.D. Steffensen, and M.A. Pegg. In Review. Spatial structure of large-river fish population across main-stem and tributary habitats. *River Research and Applications*

Steffensen, K.D., and **M.J. Hamel**. In Review. Fin ray removal may be deleterious on *Scaphirhynchus* species. *North American Journal of Fisheries Management*.

Steffensen, K.D., **M.J. Hamel**, and J.J. Spurgeon. In Review. Post-stocking pallid sturgeon *Scaphirhynchus albus* growth, dispersal, and survival in the lower Missouri River. *Journal of Applied Ichthyology*.

Goto, D., **M.J. Hamel**, J.J. Hammen, M.L. Rugg, M.A. Pegg, and V.E. Forbes. In Review. Projected risks to shovelnose sturgeon population persistence in a warmer future. *Aquatic Conservation: Marine and Freshwater Ecosystems*.

Hamel, M.J., and L.L. Pierce. In preparation. A survey of attitudes and perceptions regarding membership to the American Fisheries Society. *Fisheries*.

PUBLICATIONS IN PREPARATION

Uerling, C., **M.J. Hamel**, and M.A. Pegg. In preparation. Fish community response to habitat variables in two restored side channels of the lower Platte River, Nebraska. *River Research and Applications*

Hamel, M.J., J.J. Spurgeon, and K.D. Steffensen. In preparation. Using observed growth of a long-lived fluvial specialist to determine changes in life history characteristics. *Ecology*

Hamel, M.J., and J.J. Wilhelm. In preparation. Relating long-term recruitment trends to flow in a large, modified river. *River Research and Applications*.

FUNDED GRANTS AND AWARDS

Principal or Co-Principal Investigator:

Biological Monitoring of Restored Chutes and Effectiveness in Offsetting Adverse Effects from Levee Construction at the Camp Ashland Training Site for the Nebraska Army National Guard (NEARNG) Environmental Branch. Co-PI with Dr. Mark Pegg. Nebraska Army National Guard, 2017 - 2020, (\$175,777)

Biological Monitoring of Restored Chutes and Effectiveness in Offsetting Adverse Effects from Levee Construction at the Camp Ashland Training Site for the Nebraska Army National Guard (NEARNG) Environmental Branch. Co-PI with Dr. Mark Pegg. Nebraska Army National Guard, 2014 - 2017, (\$196,946)

Riverine Sportfish Ecology and Management. Co-PI with Dr. Mark Pegg. Nebraska Game and Parks Commission, 2014 - 2019, (\$401,210).

Conservation of large-river fishes: a complementary approach to determine population structure and river-of-origin. Authored with M.A. Pegg, A.J. Burgin (co-PI's), J.A. Spurgeon, and J.J. Hammen. 2013. UNL Research Council Grant-in-Aid, 2013 (\$6,500).

Pending:

Blue Catfish Management in the Kansas River. Kansas Department of Wildlife and Parks (\$205,937)

Management of invasive carps in the Kansas River. Kansas Department of Wildlife and Parks (\$200,187)

Awards:

2016 – Institute of Agriculture and Natural Resources Travel Award, University of Nebraska.

2016 - Award of Merit – Fish Management Section of the American Fisheries Society. Awarded for significant achievement and contribution to fisheries science.

2015 – Service Award – Nebraska Chapter of the American Fisheries Society. Awarded for recognition of personal contributions to the achievement and enhancement of fisheries science.

2011 – Best Oral Presentation – Nebraska Chapter of the American Fisheries Society. Awarded for the presentation entitled, “Tag retention of t-bar anchor tags and PIT tags in shovelnose sturgeon.”

2007 – Best Professional Poster Presentation Award. Missouri River Natural Resource Conference

ORAL PRESENTATIONS (1st author only)

Hamel, M.J., J.J. Spurgeon, M.A. Pegg, and K.D. Steffensen. 2017. Diverging life history characteristics of pallid sturgeon throughout the Missouri River basin. Midwest Fish and Wildlife Conference, Lincoln, NE

- Hamel, M.J.** 2016. University of Nebraska-Lincoln Research. What we have learned and where we are going. Nebraska Rivers and Streams Technical Committee meeting. Gretna, NE
- Hamel, M.J.,** J.J. Spurgeon, M.A. Pegg, and K.D. Steffensen. 2016. Examination of life history characteristics of pallid sturgeon throughout the Missouri River basin. American Fisheries Society annual meeting – Invited symposium speaker. Kansas City, MO
- Hamel, M.J.,** and J.D. Koch. 2016. Age and Growth Workshop for the NE/IA AFS joint chapter meeting. Manhattan, KS
- Hamel, M.J.,** M.A. Pegg, R.R. Goforth, Q.E. Phelps, K.D. Steffensen, J.J. Hammen, and M.L. Rugg. 2014. Range-Wide Age and Growth Characteristics of Shovelnose Sturgeon from Mark-Recapture Data: Implications for Conservation and Management. Midwest Fish and Wildlife Conference, Kansas City, MO.
- Hamel, M.J.,** M.A. Pegg, R.R. Goforth, Q.E. Phelps, K.D. Steffensen, J.J. Hammen, and M.L. Rugg. 2014. Using Mark-Recapture to Determine Population Dynamics of *Scaphirhynchus* Sturgeon: Implications for Pallid Sturgeon Recovery. Missouri River Natural Resources Conference, Nebraska City, NE.
- Hamel, M.J.,** J.J. Hammen, M.L. Rugg, and M.A. Pegg. 2013. Hydrologic Variability Influences Distribution and Occurrence of Pallid Sturgeon in the Lower Platte River. The Missouri River Natural Resources Conference, Jefferson City, MO.
- Hamel, M.J.,** J.J. Hammen, M.L. Rugg, and M.A. Pegg. 2013. Hydrologic Variability Influences Distribution and Occurrence of Pallid Sturgeon in the Lower Platte River. NE Chapter of the American Fisheries Society, Gretna, NE.
- Hamel, M.J.,** J.J. Hammen, and M.A. Pegg. 2012. Sturgeon growth characteristics: The good, the bad, and the ugly. NE Chapter of the American Fisheries Society, Gretna, NE.
- Hamel, M.J.,** M.A. Pegg, and J.J. Hammen. 2011. Tag retention of T-bar anchor tags and PIT tags in shovelnose sturgeon. American Fisheries Society national meeting, Seattle, WA.
- Hamel, M.J.,** M.A. Pegg, and J.J. Hammen. 2011. Tag retention of T-bar anchor tags and PIT tags in shovelnose sturgeon. Missouri River Natural Resources Committee meeting, Nebraska City, NE.
- Hamel, M.J.,** M.A. Pegg, and J.J. Hammen. 2011. Tag retention of T-bar anchor tags and PIT tags in shovelnose sturgeon. NE chapter of the American Fisheries Society, Gretna, NE.
- Hamel, M.J.,** M.A. Pegg, J.J. Hammen, and T.L. Anderson. 2010. Population characteristics of pallid sturgeon in the lower Platte River, Nebraska. NE chapter of the American Fisheries Society, Ponca, NE.
- Hamel, M.J.,** M.A. Pegg, J.J. Hammen, and T.L. Anderson. 2010. Population characteristics of pallid sturgeon in the lower Platte River, Nebraska. Missouri River Natural Resources Committee meeting, Nebraska City, NE.
- Hamel, M.J.,** M.A. Pegg, J.J. Hammen, and T.L. Anderson. 2009. Population characteristics of pallid sturgeon in the lower Platte River, Nebraska. Midwest Fish and Wildlife Conference, Springfield, IL.
- Hamel, M.J.,** and K.D. Steffensen. 2008. Age and growth of shovelnose sturgeon in the Missouri River. American Fisheries Society national meeting, Ottawa, Ontario.
- Hamel, M.J.,** and K.D. Steffensen. 2008. Influence of mesh size and trawling techniques on catch of benthic fish species of the Missouri River. NE chapter of the American Fisheries Society, Gretna, NE
- Hamel, M.J.,** and K.D. Steffensen. 2007. Influence of mesh size and trawling techniques on catch of

benthic fish species of the Missouri River. Midwest Fish and Wildlife Conference, Madison, WI.

Hamel, M.J., M.L. Brown, and S.R. Chipps. 2007. Use of hydroacoustics to assess free-ranging rainbow smelt responses to sensory deterrents. Midwest Fish and Wildlife Conference, Madison, WI – Invited symposium speaker.

Hamel, M.J., M.L. Brown, and S.R. Chipps. 2006. Behavioral Responses of Rainbow Smelt to Sensory Deterrence Systems. Midwest Fish and Wildlife Conference, Omaha, NE.

Hamel, M.J., N.S. Richards, M.L. Brown, and S.R. Chipps. 2006. Rainbow Smelt Responses to Sensory Deterrence Systems. AFS Dakota Chapter Annual Meeting, Chamberlain, SD.

Hamel, M.J., and N.S. Richards. 2005. Influence of Underwater Sound and Strobe Lights on Deterrence Behavior of Rainbow Smelt in Lake Oahe, South Dakota. SDGFP Annual Winter Fisheries Meeting. Yankton, SD.

POSTER PRESENTATIONS

Hamel, M.J., J.J. Spurgeon, C.J. Chizinski, K.D. Steffensen, and M.A. Pegg. 2015. Ignorance is bliss: Poor aging precision from an un-validated fish aging structure has deleterious effects on understanding population dynamics. Missouri River Natural Resources Conference, Nebraska City, NE.

Hamel, M.J., J.J. Spurgeon, C.J. Chizinski, K.D. Steffensen, and M.A. Pegg. 2015. Ignorance is bliss: Poor aging precision from an un-validated fish aging structure has deleterious effects on understanding population dynamics. NE chapter of the American Fisheries Society, Nebraska City, NE.

Hamel, M.J., K.D. Steffensen, J.J. Hammen, and M.A. Pegg. 2012. Evaluation of two tagging locations for injection of PIT tags in pallid sturgeon. Missouri River Natural Resources Conference, Pierre, SD.

Hamel, M.J., K.D. Steffensen, J.J. Hammen, and M.A. Pegg. 2012. Evaluation of two tagging locations for injection of PIT tags in pallid sturgeon. NE chapter of the American Fisheries Society, Gretna, NE.

Hamel, M.J., M.A. Pegg, and J.J. Hammen. 2010. Tag retention of T-bar anchor tags and PIT tags in shovelnose sturgeon. Midwest Fish and Wildlife Conference, Minneapolis, MN.

Hamel, M.J., M.A. Pegg, J.J. Hammen, and T.L. Anderson. 2010. Sturgeon management in the lower Platte River, Nebraska. Platte River Symposium, Lincoln, NE

Hamel, M.J., M.A. Pegg, J.J. Hammen, and T.L. Anderson. 2009. Population characteristics of pallid sturgeon in the lower Platte River. Platte River Symposium, Lincoln, NE

Hamel, M.J., K.D. Steffensen, P. Horner, and S. Stukel. 2008. Influence of mesh size and trawling techniques on catch of benthic fish species of the Missouri River. Missouri River Natural Resources Conference (MRNRC) & BiOp Forum, Nebraska City, NE

Hamel, M.J., D.W. Everitt, and J.D. Haas. 2007. Intensive and extensive tracking of pallid and shovelnose sturgeon movements in the middle Missouri River. MRNRC & BiOp Forum, Nebraska City, NE

Hamel, M.J., D.W. Everitt, and J.D. Haas. 2007. Intensive and extensive tracking of pallid and shovelnose sturgeon movements in the middle Missouri River. AFS Tri-State (Nebraska, Kansas, and Iowa) Chapter Annual Meeting, Council Bluffs, IA.

ACADEMIC SERVICE

- 2015-present Member of the Community Engagement Committee for the UNL School of Natural Resources
- 2015-present Member of the Safety and Facilities Committee for the UNL School of Natural Resources
- 2012-2013 Member of the Staff Advisory Professional Development Committee for the UNL School of Natural Resources
- 2012-2013 Member of the Staff and Professional/Managerial Committee for the UNL School of Natural Resources

CONTINUING EDUCATION AND JOB-RELATED TRAINING COURSES

- Leadership workshop, Midwest Fish and Wildlife Conference, Lincoln, NE (02/2017)
- Leadership workshop, *Becoming an EPIIC Leader*, by Marquita Qualls - Entropia Consulting (10/2016)
- Mentoring workshop, *Enhancing Productivity and Professional Relationships*, UNL, (09/2016)
- Leadership workshop, Midwest Fish and Wildlife Conference, Grand Rapids, MI (02/2016)
- Personal Income Taxation, CYAF 840, University of Nebraska-Lincoln, Spring semester 2017
- Principles of Risk Management, CYAF 824, University of Nebraska-Lincoln, Spring semester 2016
- Foundations in Financial Planning CYAF 821, University of Nebraska-Lincoln, Spring semester 2016
- Investing for the Family's Future, CYAF 883, University of Nebraska-Lincoln, Summer semester 2016
- Estate Planning, CYAF 823, University of Nebraska-Lincoln, Fall semester 2016

CURRENT PROFESSIONAL MEMBERSHIPS

- 2004-present American Fisheries Society
- 2006-present Nebraska Chapter of the American Fisheries Society
- 2010-present American Fisheries Society Fish Management Section
- 2010-present American Fisheries Society North Central Division
- 2010-present American Fisheries Society Education Section
- 2012-present Advancing Science Serving Society (AAAS)
- 2011-2014 Iowa Chapter of the American Fisheries Society
- 2012-2014 North American Sturgeon and Paddlefish Society

REFERENCES

Dr. Mark A. Pegg
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Assistant Division Administrator: Fisheries Division
Nebraska Game and Parks Commission
2200 North 33rd St.
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