

NICKY M. HAHN

1951 AQUARENA SPRINGS DR. APT. 6204 ~ SAN MARCOS, TX 78666
(601)831-1047 ~ NMH48@TXSTATE.EDU

EDUCATION

Texas State University.

Expected Graduation: August 2017.

GPA: 4.0

Master of Science – Aquatic Resources, Aquatic Biology Emphasis.

Major Advisor – Dr. Timothy H. Bonner

Tentative Thesis Title: Rapid Quantitative Assessment to Identify Imperiled Fishes

Louisiana Tech University - May 2015.

GPA: 3.87 *Magna cum Laude*

Bachelor of Science – Environmental Science

Chemistry Minor, Biology Minor, Honors Program

GRE : Verbal: 163, Quantitative: 156. January 2015

WORK EXPERIENCE

Graduate Research Assistant

August 2015 through Present

Extensive fieldwork throughout Texas rivers: seining, electroshocking, Hess sampling, habitat and water quality quantification. Collaborated with colleagues to develop a new dichotomous key to Texas fishes. Maintained and aided in expansion of the ichthyology collection for Texas State University.

Texas State University

Graduate Instructional Assistant

January 2016 through Present

Taught undergraduate biology laboratory courses. Provided instruction for identifications, dissections, titrations, spectrophotometry. Ichthyology: 2 sections; Zoology: 4 sections; Functional Biology: 1 section.

Texas State University.

Fisheries Laboratory Technician

August 2010 through January 2016

Maintained live laboratory animals in the Fish Ecology Laboratory. Gill netting, seining, electroshocking for specimens. Conducted behavioral experiments with several taxa including carp, shad, lamprey, and sturgeon. Data entry and analysis in Excel and R. During summers and breaks: Fifteen - forty hours per week.

US Army Engineer Research and Development Center.

TECHNICAL SKILLS

- Fisheries Techniques: seining, gill netting, hoop netting, electrofishing, Hess sampler, calibration and use of water quality meters, Texas fish identification to the species level.
- Lab maintenance and specimen care, from designing holding tanks to everyday maintenance.
- Knowledge of statistical programs: *Excel* and *R*.

PUBLICATIONS

- Ruppel, D. S, **N. M. Hahn**, J. D. Maikoetter, and Timothy H. Bonner. In review. Prairie Stream Minnows: Smalleye Shiner *Notropis buccula*, Arkansas River Shiner *Notropis girardi*, and Sharpnose Shiner *Notropis oxyrhynchus* B. Chapman and W. Lutterschmidt, editors. Texans on the Brink: The Threatened and Endangered Fauna of Texas. Texas A&M Press.
- Wilkins, J L., A W. Katzenmeyer, **N M. Hahn**, J J. Hoover, and B C. Suedel. 2015. Laboratory test of suspended sediment effects on short-term survival and swimming performance of juvenile Atlantic sturgeon. Journal of Applied Ichthyology.

REPORTS

- Hoover, J.J., **N.M. Hahn**, and J.A. Collins. 2013. *Demonstrating the ecosystem effects of armored suckermouth catfishes (Loricariidae): A feasibility study using mesocosms*. ANSRP Technical Notes Collection. ERDC/TN ANSRP-13-2. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- Hoover, J. J., W. Southern, A. W. Katzenmeyer, and **N. M. Hahn**. 2012. *Swimming performance of bighead carp and silver carp: Methodology, metrics, and management applications*. ANSRP Technical Notes Collection. ERDC/TN ANSRP-12-3. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

PRESENTATIONS

- Hahn, N.M.** C. A. Craig, and T. H. Bonner. 2017. Rapid quantitative assessment to identify imperiled fishes. Texas Chapter of the American Fisheries Society- Corpus Christi TX (oral presentation)
- Craig, C. A., **N. M. Hahn**, and T. H. Bonner. 2017. Drainage basin keys for inland fishes of Texas. Texas Chapter of the American Fisheries Society-Corpus Christi (poster presentation).
- Hahn, N.M.** 2016. Conservation of Texas Fishes. Texas State University Aquatic Biology Society- San Marcos TX (oral presentation)
- Hahn, N.M.** and Hoover, J. 2012. Demonstrating the Ecosystem Effects of Armored Suckermouth Catfishes (Loricariidae): A Feasibility Study Using Mesocosms. Southern Division of the American Fisheries Society-Biloxi MS (oral presentation)

REFERENCES

Timothy H. Bonner, Ph.D.

Professor and Director of BS-Aquatic Biology Program
Department of Biology/Aquatic Station
512-245-2284
TBonner@txstate.edu

Jan J. Hoover, Ph.D.

Research Fishery Biologist
US Army Engineer Research and Development Center
Waterways Experiment Station
601-634-3996
Jan.J.Hoover@usace.army.mil

K. Jack Killgore, Ph.D.

Team Leader – Aquatic Ecology and Invasive Species Branch
US Army Engineer Research and Development Center
Waterways Experiment Station
601-634-3397
Jack.Killgore@usace.army.mil