

CURRICULUM VITAE

Matthew R. McClure, Ph.D.

- EMPLOYMENT:** **Lamar State College - Orange**, Orange Texas, August 1994-present.
Current Rank: Professor of Biology
Taught courses in Biology for science majors, Biology for non-science majors, Anatomy & Physiology, Environmental Biology, Geology, Water Environments, Entomology, Nutrition, and Health & Wellness; Served on committees and participated in curriculum development.
- Lamar University - Beaumont**, Beaumont Texas, June-August 1995
Adjunct Instructor, Department of Biology; Taught Anatomy & Physiology
- Blinn College**, Bryan, Texas, Summer 1992 and Summer 1993
Instructor Part-time, Department of Biology; Taught courses in General Biology and Zoology.
- Texas A&M University, Department of Biology**, College Station, Texas, August 1988-August 1994
Graduate Teaching Assistant, Part-time; Taught laboratories for courses in Biology, Ecology, Invertebrate Zoology, Biology of the Invertebrates (a graduate-level course), Anatomy & Physiology.
- EDUCATION:** **Doctor of Philosophy**, Texas A&M University, College Station, Texas, August 1994
Major: Zoology (areas of concentration: marine invertebrate zoology, oceanography, genetics, biogeography, biosystematics, evolution)
Ph.D. Dissertation: Systematics and biogeography of the coastal water snapping shrimps *Alpheus* (Crustacea: Alpheidae).
- Master of Science**, Texas A&M University, College Station, Texas, August 1990
Major: Zoology (areas of concentration: ichthyology, biogeography, biosystematics, evolution)
Masters Thesis: Systematics of the *Prionotus alatus* species group (Pisces: Triglidae).
- Bachelor of Science**, Lamar University, Beaumont, Texas, May 1988
Major: Oceanographic Technology - Marine Biology Emphasis
- PUBLICATIONS:**
- McClure, M.R. & C.L. Dando 2014. Undergraduate research with students at a two-year commuter college. Chapter 5, pp. 36-40 in: Tapping the potential of all: Undergraduate research at community colleges. N.H. Hensel & B. D. Cjeda, Eds. The Council on Undergraduate Research, Washington, D.C.
- Rector, B.S. & M.R. McClure (In press). The Nature of Naming. in The Texas Master Naturalist Statewide Curriculum, 2nd Edition, M.M. Haggerty, Editor.
- Wicksten, M.K. & M.R. McClure 2007. Snapping Shrimp (Decapoda: Caridea: Alpheidae) from the Dampier Archipelago Expedition, Western Australia. Pp. 61-83 In: Marine Biodiversity of the Dampier Archipelago, Western Australia 1998-2002. Records of the Australian Museum, Supplement No. 73, Diana S. Jones Ed. (copyright 2007, published Aug. 2008)
- McClure, M.R. 2005. Snapping Shrimps, pp. 119-201 In: Camarones, Langostas y Cangrejos de la Costa Este de Mexico, Volumen I (Shrimps, Lobsters, and Crabs of the East Coast of Mexico, Volume I) J. L. Hernandez-Aguilera, J. A. Ruiz-Nuno, R.E. Toral-Almazan, and V. Arenas-Fuentes (Eds.). Estudio y Conservacion de la Naturaleza, A.C. Mexico, D.F.
- Wicksten, M.K. & M.R. McClure 2003. A new species of *Alpheus* (Crustacea: Alpheidae) from the Gulf of Mexico. Crustacean Research 32:26-31.
- McClure, M.R. 2002. Revised nomenclature for *Alpheus angulatus* McClure 1995 (Crustacea: Alpheidae). Proceedings of the Biological Society of Washington 115(2):368-370.

McClure, M.R. & M.K. Wicksten. 2000. Taxonomic studies of snapping shrimp of the *Alpheus* Edwardsii group at the Galapagos Islands (Decapoda: Caridea: Alpheidae). Proceedings of the Biological Society of Washington 113(4):964-973.

McClure, M.R. & I.F. Greenbaum. 1999. Electrophoretic variation in *Alpheus heterochaelis* Say 1818 and *A. angulatus* McClure 1995 (Decapoda: Caridea: Alpheidae). The Southwestern Naturalist 44(4):463-470.

McClure, M.R. & M. K. Wicksten. 1997. Morphological variation of species of the Edwardsii group of *Alpheus* inhabiting the coastal waters of the northern Gulf of Mexico and northwestern Atlantic (Decapoda: Caridea: Alpheidae). Journal of Crustacean Biology 17(3):480-487.

McClure, M.R. 1996. Symmetry of large claws in snapping shrimp in nature (Crustacea: Decapoda: Alpheidae). Crustaceana 69(7): 920-921.

McClure, M.R. 1995. *Alpheus angulatus*, a new species of snapping shrimp from the Gulf of Mexico, with a redescription of *Alpheus heterochaelis* Say, 1818 (Decapoda: Caridea: Alpheidae). Proceedings of the Biological Society of Washington 108(1):84-97.

McClure, M.R. & I.F. Greenbaum. 1994. Biochemical variation in *Alpheus* (Decapoda, Caridea, Alpheidae) from the coast of Texas: evidence for cryptic species. The Southwestern Naturalist 39(1):63-66.

McClure, M.R. & J.D. McEachran. 1992. Hybridization between *Prionotus alatus* and *P. paralatus* in the northern Gulf of Mexico (Pisces: Triglidae). Copeia 1992(4):1039-1046.

PRESENTATIONS:

Senior Biology Departmental Seminar, Harding University

Searcy, Arkansas, November 14th, 2014

“Adventures in Alpha Taxonomy of Snapping Shrimp”

13th Annual Statewide Texas Master Naturalist Meeting

Navasota, Texas, October 26-28, 2012

“Nature of Naming” and “Texas Coastal Ecology”

The Crustacean Society, Galveston, Texas, June 9-13, 2008

“Application of a Crayfish Marking Method on Snapping Shrimp”

Human Anatomy & Physiology Society, St. Louis, Missouri, May 1995

“Integration of cooperative learning groups method with A.D.A.M. software in the Anatomy & Physiology laboratory” (poster session contributed by W.K. Klein, J. Norton, B. J. Eidemiller, and M. R. McClure).

Gulf Estuarine Research Society, Lamar University, Beaumont, Texas, April 1994

“Electrophoresis reveals cryptic species of *Alpheus* in the Gulf of Mexico”

American Society of Ichthyologists and Herpetologists, Charleston, South Carolina, June 1990

“Hybridization between *Prionotus alatus* and *P. paralatus* in the Gulf of Mexico”

American Fisheries Society, Texas A&M University, College Station, Texas, April 1990

“Systematics of the *Prionotus alatus* species group”

OTHER PROFESSIONAL ACTIVITIES:

Participating researcher, TSUS Texas Invasive Species Institute (TISI) (Fall 2011-present)

External Advisory Committee member of the NSF-ESTEEM grant program, Lamar University (grand pending)

Member of the TSUS Advisory Committee for the Christmas Mountains (Fall 2011-present)

Peer reviewer for the journal *Zootaxa* (2006-present)

Subrecipient Principal Investigator, Aquatic Ecosystem Health and Rare Species Surveys at Texas National Guard Training Centers. (PI, Dr. Jerry Cook, Ham Houston State University) May 2013 - May 2014.

Reviewer for the 7th Edition of *A Photographic Atlas for the Biology Laboratory*, by Van de Graaff , Adams, and Crawley (February 2012)
Served as peer reviewer for the *Journal of Crustacean Biology* (2000, 2008)
Served as Section Host for the Crustacean Society meeting in Galveston, TX (June 10, 2008)
Served as peer reviewer to the journal *Southeastern Naturalist* (2007)
Served on the Organizing Committee for the Crustacean Society annual summer meeting scheduled for 2008 in Galveston, TX (Spring 2006-Summer 2008)
Identified crustaceans for the Texas A&M Oceanography collection (2001-2)
Served as reviewer for the textbook *Inquiry into Life* 9th Edition, by S. Mader (1996)
Served as peer reviewer for the journal *Hydrobiologia* (1994)

RECENT COMMUNITY SERVICE ACTIVITIES:

I am a regular guest speaker for both the Sabine-Neches and Piney Wood Lakes Chapters of the Texas Master Naturalist Program, where I discuss biological nomenclature, ichthyology, coastal biology, and invasive species.

ACADEMIC AWARDS RECEIVED AT LAMAR STATE COLLEGE-ORANGE:

Award in Excellence in Distance Education (2011)
Campus nominee to Minnie Stevens Piper Award (1998, 2006)
Faculty Incentive Award (2005, 2006, 2008, 2012, 2013, 2014)
Professional Excellence Award (2000, 2002, 2007, 2014)
President's Faculty Service Award (2012)
Teaching Excellence Award (1997, 2005)
Excellence in Teaching Award (1997, 1999)