

Dr. Frank L. Pezold III

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Science & Engineering, Life Sciences

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Education

PhD, The University of Texas at Austin, 1984.

MS, University of New Orleans, 1979.

BA, University of New Orleans, 1974.

Professional Employment

Dean, College of Science and Technology, Texas A&M University - Corpus Christi. (January 2006 - Present).

Professor of Biology, Texas A&M University - Corpus Christi. (January 2006 - Present).

Director, Museum of Natural History, University of Louisiana - Monroe. (2000 - 2005).

Director, ULM/ Howard Hughes Undergraduate Science Education Program, University of Louisiana - Monroe. (2000 - 2005).

Professor of Biology, Northeast Louisiana University (University of Louisiana - Monroe). (1996 - 2005).

Co-Director, Bioinformatics Core, Louisiana Biomedical Research Network. (2000 - 2004).

Associate Dean, College of Pure and Applied Sciences, Northeast Louisiana University (University of Louisiana - Monroe). (1998 - 2002).

Director/Curator, Museum of Zoology, Northeast Louisiana University (University of Louisiana - Monroe). (1998 - 2002).

Visiting Faculty, University of Oklahoma Biological Station. (1994 - 1997).

Associate Professor of Biology, Northeast Louisiana University (University of Louisiana - Monroe). (1992 - 1996).

Visiting Professor, Louisiana Universities Marine Consortium. (1994).

Assistant Professor of Biology, Northeast Louisiana University (University of Louisiana - Monroe). (1988 - 1992).

Assistant Professor of Biology, Mississippi State University. (1984 - 1987).

Curator of Fishes, Mississippi State University. (1984 - 1987).

Assistant Instructor of Zoology, University of Texas at Austin. (1980 - 1983).

Curatorial Assistant, Texas Memorial Museum, University of Texas at Austin. (1981 - 1982).

Teaching Assistant, Department of Zoology, University of Texas at Austin. (1979 - 1980).

Curatorial Assistant, Department of Biological Sciences, University of New Orleans. (1978 - 1979).

Teaching Assistant, Department of Biological Sciences, University of New Orleans. (1977 - 1979).

Professional Memberships

American Fisheries Society
American Society of Ichthyologists and Herpetologists
Council of Colleges of Arts and Sciences
Fisheries Society of the British Isles
Society for Conservation Biology
Society of Systematic Biologists
Texas Association of Deans of Liberal Arts and Sciences

TEACHING

Teaching Experience

BIMS 4396, DIR IND STUDY: ID of the Death Valley Cyprinodon Populations Using SNP and Microsatellite Markers
BIOL 4396, DIRECTED INDEPENDENT STUDY
BIOL 5102, GRADUATE RESEARCH SEMINAR
BIOL 5392, THESIS PROPOSAL
BIOL 5393, THESIS RESEARCH
BIOL 5394, THESIS SUBMISSION
BIOL 5396, DiS: Genetic analysis of Death Valley Region Speckled Dace
BIOL 5940, PROJECT RESEARCH
CMSS 6596, DIS: Cryptobenthic fish ecology in French Polynesia
CMSS 6699, DISSERTATION DEFENSE
CMSS 6940, DISSERTATION PROJECT RESEARCH
CMSS 6996, RESEARCH
CMSS 6998, DISSERTATION RESEARCH
ESCI 5397, DIRECTED RESEARCH
ESCI 5596, Direct Independent Study: Pacific Island Freshwater Fish Conservation Legislation
ESCI 5940, PROJECT RESEARCH.
FAMA 5392, THESIS PROPOSAL
FAMA 5393, THESIS RESEARCH
FAMA 5398, INTERNSHIP
FAMA 5399, MARICULTURE RESEARCH
FAMA 5940, PROJECT RESEARCH
MARB 5392, THESIS PROPOSAL
MARB 5393, THESIS RESEARCH
MARB 5394, THESIS SUBMISSION
MARB 5397, DIRECTED RESEARCH
MARB 5596, DIRECTED INDEPENDENT STUDY
MARB 5940, THESIS PROJECT RESEARCH
MARB 6392, DISSERTATION PROPOSAL
MARB 6393, DISSERTATION RESEARCH
MARB 6394, DISSERTATION SUBMISSION
MARB 6590, SPECIAL TOPICS: SYSTEMATICS
MARB 6596, DIS:
MARB 6940, DISSERTATION PROJECT RESEARCH

SCHOLARLY AND CREATIVE ACTIVITIES

Publications

Refereed

Book Chapters

Pezold, F. L. (2011). In R.A. Patzner, J.L. Van Tassell, M. Kovacic and B.G. Kapoor (Ed.), *Systematics of the Family Gobionellidae. In: The Biology of Gobies*. Science Publisher Inc.

Journal Articles

Guimaraes-Costa, A., Vallinoto, M., Giarrizzo, T., Pezold, F. L., Schneider, H., Sampaio, I. (2016). Molecular evidence of two new species of Eleotris (Gobiiformes: Eleotridae) in the western Atlantic. *Molecular Phylogenetics and Evolution*, 98, 52-56.

Larson, H., Pezold, F. L. (2016). The correct name for *Oxyurichthys longicauda* Steindachner and a few other errors. *Zootaxa*, 4066(2), 171-172.

Pezold, F. L., Larson, H. (2015). A revision of the fish genus *Oxyurichthys* (Gobioidei: Gobiidae) with descriptions of four new species. *Zootaxa*, 3988(1), 1-95.

Tornabene, L. M., Valdez, S., Erdmann, M. V., Pezold, F. L. (2015). Support for a 'Center of Origin' in the Coral Triangle: cryptic diversity, recent speciation, and local endemism in a diverse lineage of reef fishes (Gobiidae: Eviota). *Molecular Phylogenetics and Evolution*, 82, 200-210.

Chabbarria, R. E., Furiness, S., Patterson, L., Hall, J., Chen, Y., Lynch, B., Pezold, F. L. (2014). Genetic Structure and Demographic History of Endemic Micronesian Blue Riffle Goby, *Stiphodon caeruleus* (Gobiidae) Inferred from Mitochondrial DNA Sequence Analysis. *Copeia*, 2014(1), 23-37.

Lynch, D. B., Keith, P., Pezold, F. L. (2013). A new species of freshwater goby from Pohnpei, Micronesia (Gobioidei: Sicydiinae). *Cybium*, 37(3), 171-177.

Tornabene, L. M., Chen, Y., Pezold, F. L. (2013). Gobies are deeply divided: phylogenetic evidence from nuclear DNA (Teleostei: Gobioidei: Gobiidae). *Systematics and Biodiversity*(2013), 1-17.

Chabbarria, R. E., Pezold, F. L. (2013). Phylogeography and historical demography of *Sicydium salvini* in the eastern Pacific. *Ichthyological Research*, 60(4), 353-362.

Ahmadia, G. N., Sheard, L. J., Jompa, J., Pezold, F. L., Smith, D. J. (2012). Microhabitat use of cryptobenthic fish across a coral reef-seagrass continuum in SE Sulawesi, Indonesia. *Aquatic Biology*, 16, 125-135.

Donovan, S., Pezold, F. L., Chen, Y., Lynch, B. (2012). Phylogeography of *Anguilla marmorata* (Teleostei: Anguilliformes) from the eastern Caroline Islands. *Ichthyological Research*, 59(1), 70-76.

Fluker, B. L., Pezold, F. L., Minton, R. L. (2011). Molecular and morphological divergence in the inland silverside, *Menidia beryllina*, along a freshwater-estuarine interface. *Environmental Biology of Fishes*.

Schmidt, R. C., Pezold, F. L. (2011). Morphometric and molecular variation in mountain catfishes (Amphiliidae: Amphilius) in Guinea, West Africa. *Journal of Natural History*, 45(9–10), 521–552.

Tornabene, L., Baldwin, C., Weigt, L., Pezold, F. L. (2010). Exploring the diversity of western Atlantic Bathygobius (Teleostei: Gobiidae) using cytochrome-c oxidase subunit I, with descriptions of two new species. *Aqua, International Journal of Ichthyology*, 16(4), 141-170.

Non-Refereed

Journal Articles

Pezold, F. L. (2012). Cryptobenthic fish biodiversity and microhabitat use in healthy and degraded coral reefs in SE Sulawesi, Indonesia. *Marine Biodiversity*, 42, 433-442.

Presentations

Tornabene, L. M., Ahmadi, G. N., Berumen, M., Smith, D. J., Jompa, J., Pezold, F. L., "Evolution of microhabitat association and morphology in a diverse group of cryptobenthic coral reef fishes (Teleostei: Gobiidae: Eviota)," 9th Indo-Pacific Fishes Conference, Okinawa, Japan. (2013).

Boseto, D. (Author & Presenter), Pezold, F. L. (Author), "Population structure of *Stiphodon rutilaureus* (Gobiiformes: Sicydiinae) in the New Georgian Islands, Solomon Islands," 9th Indo-Pacific Fishes Conference, Okinawa, Japan. (2013).

Ahmadi, G. N. (Author & Presenter), Pezold, F. L. (Author), "Effectiveness of a no-take zone on benthic reef fish populations in the Wakatobi National Park, SE Sulawesi," Annual Meeting of the Texas Chapter of the American Fisheries Society, Texas Chapter of the American Fisheries Society, Athens, TX. (2010).

Thiyagarajan, M. (Panelist), Pezold, F. L. (Panelist), Lyle, S. D. (Panelist), Lyle, C., Martin, G., Murphy, O., "SBIR/STTR Panel Discussion," SBIR/STTR Workshop, Coastal Bend Business Innovation Center, Texas A&M University Corpus Christi. (September 24, 2010).

Chabarría, R. (Author & Presenter), Pezold, F. L. (Author), "A review of the Caribbean species in the genus *Sicydium* (Gobiiformes: Sicydiinae) using morphological and molecular data.," Joint Meetings of Ichthyologists and Herpetologists, American Society of Ichthyologists and Herpetologists, Providence, RI. (July 2010).

Tornabene, L. (Author & Presenter), Baldwin, C. (Author), Weigt, L. (Author), Pezold, F. L. (Author), "Exploring the diversity of western Atlantic *Bathygobius* (Teleostei: Gobiidae) with cytochrome c oxidase-I," Joint Meetings of Ichthyologists and Herpetologists, American Society of Ichthyologists and Herpetologists, Providence, RI. (July 2010).

Luke, T. (Author & Presenter), Pezold, F. L. (Author), "Phylogenetic analysis of western Atlantic *Bathygobius* (Teleostei: Gobiidae): a total evidence approach.," Joint Meetings of Ichthyologists and Herpetologists, American Society of Ichthyologists and Herpetologists, Providence, RI. (July 2010).

Chen, Y. (Author), Pezold, F. L. (Author & Presenter), "Phylogeny Of The Gobiidae (Gobiiformes) Inferred From," Joint Meetings of Ichthyologists and Herpetologists, American Society of Ichthyologists and Herpetologists, Providence, RI. (July 2010).

Ahmadia, G. N. (Author & Presenter), Pezold, F. L. (Author), "Cryptobenthic Coral Reef Assemblages in the Banda Sea, Hoga Island, SE Sulawesi," 8th Indo-Pacific Fish Conference, Australian Society for Fish Biology, Fremantle, Australia. (2009).

Boseto, D. (Author & Presenter), Pezold, F. L. (Author), "Freshwater fish conservation legislation in the South Pacific island nation. A case study of the Republic of Fiji and Solomon Islands.," 8th Indo-Pacific Fish Conference, Australian Society for Fish Biology, Fremantle, Australia. (2009).

Ahmadia, G. N. (Author & Presenter), Pezold, F. L. (Author), "Effects of habitat degradation on cryptobenthic fish communities in the Wakatobi Marine National Park, SE Sulawesi," Annual Meeting Benthic Ecology Society, Benthic Ecology Society, Corpus Christi, TX. (2009).

Boseto, D. (Author & Presenter), Pezold, F. L. (Author), "Mountain climbing marine fishes.," Center for Coral Reef Excellence Studies, James Cook University, Townsville, Australia. (2009).

Steve, P. (Author & Presenter), Chen, Y. (Author), Pezold, F. L. (Author), "Genetic characterization and conservation status of River Springs pupfish," Desert Fishes Council, Desert Fishes Council, Death Valley, CA. (November 2009).

Pezold, F. L. (Author & Presenter), Chen, Y. (Author), "Genetic Variation in the Genus *Kribia* Herre 1946 (Eleotridae, Butinae) in Guinea, West Africa," Joint Meeting of Ichthyologists and Herpetologists, American Society of Ichthyologists and Herpetologists, Portland, OR. (July 2009).

Tornabene, L. (Author), Chabarría, R. (Author & Presenter), Pezold, F. L. (Author), "Preliminary Phylogeny of the Atlantic Members of the Goby Genus *Bathygobius* (Teleostei: Gobiidae).," Joint Meetings of Ichthyologists and Herpetologists, American Society of Ichthyologists and Herpetologists, Portland, OR. (July 2009).

Buck, G. W. (Author & Presenter), Fernandez, J. D. (Author), Wisner, L. M. (Author), Pezold, F. L. (Author), "The Louis Stokes Alliance for Minority Participation: A mechanism for institutionalizing undergraduate research and strengthening minority participation in science.," Diversity in the Sciences Symposium IV, Howard Hughes Medical Institute, Chevy Chase, MD. (January 28, 2008).

Scholarly and Creative Awards and Honors

Research Associate, Harte Research Institute for Gulf of Mexico Studies. (2006).

Research Associate, American Museum of Natural History. (2005).

Research Associate and Adjunct Faculty, Idaho State University. (1987).

SERVICE

University

Committee Member, Independent Safety Review Board, Lone Star UAS Center. (June 2014 - Present).

Committee Member, Coastal Bend Business Innovation Center Advisory Board. (2009 - Present).

Committee Member, Strategic Planning and Continuous Planning Council. (2012 - 2014).

Committee Chair, Founding Dean of Graduate College Search Committee. (2012 - 2013).

Committee Chair, STEP Internal Advisory Committee. (2009 - 2013).

Co-chair, Emerging Research Institution Task Force. (October 2011 - April 2013).

Committee Chair, Indirect Costs (IDC) Task Force. (2010 - 2011).

Professional

Member, Board of Governors, American Society of Ichthyologists and Herpetologists. (2009 - Present).

Committee Member, Endowment and Finances Committee, American Society of Ichthyologists and Herpetologists. (2009 - 2014).

Workshop Organizer, International Union for the Conservation of Nature/Conservation International. (August 2011).

Workshop member, International Union for the Conservation of Nature/Conservation International. (March 2011).

Workshop member, International Union for the Conservation of Nature/Conservation International. (January 2011).

Board of Governors, Board of Governors, American Society of Ichthyologists and Herpetologists. (2002 - 2007).

Service Awards and Honors

Board of Governors, American Society of Ichthyologists & Herpetologists. (2002).