

CURRICULUM VITAE

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Education:

B.S. Marine Biology/Marine Fisheries – 1998 – Texas A & M University at Galveston

M.S. Biology – in progress – Texas A & M University – Corpus Christi

Present Position:

Jan 2009 – present Graduate Research Assistant, Texas A & M University - Corpus Christi,
Fisheries Ecology Lab

Teaching Experience:

Aug 2008 – Dec 2008 Teaching Assistant for Introduction to Biology, College of Science and
Technology, Texas A & M University – Corpus Christi, Texas

Professional Background:

2003 – 2008 Research Staff, Marine Finfish Biology, Florida Fish and Wildlife Research Institute,
Florida Fish and Wildlife Conservation Commission, Tequesta, Florida

2001 – 2007 Veterinary Technician, Bluffs Animal Hospital, Jupiter, Florida

2000 – 2003 Research Staff, Fisheries Dependent Monitoring, Florida Fish and Wildlife Research
Institute, Florida Fish and Wildlife Conservation Commission, Tequesta, Florida

1996 – 1998 Research Technician, Texas A & M University at Galveston, Texas

1993 – 1996 Undergraduate Assistant, Los Alamos National Laboratory, Los Alamos, New Mexico

1992 – 1993 Los Alamos National Laboratory Science Internship Program, Los Alamos, New Mexico
Mentor: Dr. Teralene Foxx

Technical Publications and Reports:

- Biggs, J., K. Bennett, T. Foxx, M. Salisbury, E. Pacheco, **L. Payne**, A. Banar, D. Raymer, T. Haarmann, D. Keller, D. Dunham. "Hantavirus Testing in Small Mammal Populations of North-Central New Mexico", Los Alamos National Laboratory report LA-12966-MS (1995).
- Biggs, J., K. Bennett, M. Salisbury, D. Keller, E. Pacheco, **L. Payne**. "Hantavirus Testing in Rodents of North-Central New Mexico 1993-1995", Los Alamos National Laboratory report LA-13136-MS (1996).

Conference Publications/Presentations:

- Thomas, M., J. Whittington, **L. Lambremont**, C. Bohnsack. 2006. Catch and Release: Simulation of the Recreational Fishery. Snook V Symposium: The Status and Management of the Common Snook Fishery in Florida. St. Petersburg, Florida.
- Fargas-Lozada, L. V., G. W. Stunz and **L. Bivins** 2009. Evaluation of surgical methods of acoustic tag implantation in spotted seatrout, *Cynoscion nebulosus*. Summer Undergraduate Research Focus, NSF Research Experience for Undergraduates. Corpus Christi, TX.

Volunteer Activities:

- 2000 – 2001 Manatee Boater Compliance Survey; Florida Fish and Wildlife Conservation Commission
Collected data regarding boater's use of and compliance with manatee caution zones.
- 2001 Sea Turtle Nesting Survey; Palm Beach County Department of Environmental Resource
Management - Conducted weekly surveys to document sea turtle nesting activity.
- 2003 Kids Fishing Clinic, Florida Fish and Wildlife Conservation Commission
Taught children about the importance of habitats in the marine environment.
- 2004 Trailblazers Adventure Day - Taught children about the importance of habitats in the
marine environment.
- 2009 Texas Math and Science Coaches Assoc. Meet – Graded math tests for 1st- 8th grade math
competition

Research Experience:

- Evaluation of surgical techniques for implantation of acoustic transmitters in spotted seatrout (*Cynoscion nebulosus*).
- Movements and exchange rates of common snook (*Centropomus undecimalis*) on Florida's East Coast.
- Movements of large mouth bass (*Micropterus salmoides*) and fat snook (*Centropomus parallelus*) on Florida's East Coast.
- Catch and release simulation of the common snook (*Centropomus undecimalis*) recreational fishery.

- Laboratory and field experimentation to assess habitat use of juvenile red drum (*Sciaenops ocellatus*).
- Population density and radio/GPS telemetry of large terrestrial mammals: mule deer (*Odocoileus hemionus*) and elk (*Cervus canadensis*).
- Population density and Hantavirus studies of small mammals in North-Central New Mexico.

Specialized Training:

- SCUBA Open Water certification
- AAUS scientific diver
- Extensive Field Research Experience
 - Operated and maintained boats (up to 27'), motors, and trailers
 - Coordinated sampling schedules, trained personnel, maintenance of sampling gear
 - Familiar with marine fish species of the Southeastern United States.
 - Proficient with numerous fishery sampling techniques/gear: Vemco acoustic systems, electro-fishing, seines (to 600'), epibenthic sled, drop sampler, fish tagging (Floy and Hallprint), otolith extraction from numerous commercial and recreational fish species.
 - Terrestrial sampling techniques/gear: radio/GPS tracking, Sherman and snap traps, habitat delineation (line and quadrat), reptile, amphibian, bird, and insect sampling techniques
- Laboratory Techniques
 - Age determination from otolith analysis, processing and preservation of field samples, laboratory mesocosms
- Veterinary Techniques
 - Patient care, dosing and administration of medications, clinical cytology interpretation, patient anesthesia and recovery, client education.
- Computer Skills
 - Experience with all popular software programs including statistical packages, ArcMap, and Vemco Ltd. Vue software. Maintained numerous large scale datasets.
- Communication Skills
 - Conducted numerous commercial and recreational fishery dependant monitoring surveys. Provided timely information to appropriate principal investigators.

Professional Organizations:

2008-present Coastal Estuarine Research Foundation

2008-present American Fisheries Society

References:

James Biggs, Ph.D.
Los Alamos National Laboratory, ESH-20
P.O. Box 1663 MS M887
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Greg Stunz, Ph.D.
Assistant Professor of Marine Biology
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