

October 2019

CURRICULUM VITAE - JARROD H. FOGARTY

Mississippi State University – Meridian Campus
Division of Arts and Sciences
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EDUCATION:

Mississippi State University	May 2005	Ph.D. Forest Resources/27 hrs/GPA: 3.9 (Wildlife Concentration)
Mississippi State University	Dec 1999	M.S. Wildlife Ecology/30 hrs/GPA: 4.0
University of South Alabama	June 1995	B.S. Biology-Major/Chemistry-Minor/ 128 hrs/GPA: 3.9

PROFESSIONAL EXPERIENCE:

Jan 2009-Present	Instructor. Teach a variety of courses in Biology and Statistics, Mississippi State University – Meridian Campus, Dr. Richard Damms. Courses: Biology of Trees Biology of Reptiles and Amphibians Biology of Fishes Biology of Birds Evolutionary Biology Environmental Quality Ecosystems of Mississippi Ecology Human Heredity (Genetics) Intro to Statistics Intro to Business Statistics Intro to Wildlife and Fisheries Science Marine Ecosystems Plants and Humans Professional Seminar for Interdisciplinary Studies
Spring 2007-2012	Guest Lecturer: Herpetology (Spring Semesters) Mississippi State University-Main Campus, Department of Wildlife and Fisheries, Dr. Bruce Leopold.

- July 2005-Dec 2008 Postdoctoral Associate. Develop proposals to recruit funding for wildlife research, supervise undergraduate technicians and graduate students, analyze wildlife related data and disseminate findings, Mississippi State University, Dr. Jeanne C. Jones.
- Aug 2001-Dec 2008 Adjunct Faculty.
 Courses: Intro to Wildlife and Fisheries Science
 Natural History of Mississippi
 Biology of Vertebrates
 Basics of Ecology
 Ecosystems of Mississippi
 Studies in Ornithology
 Marine Biology
 Intro to Herpetology
- Mississippi State University-Meridian Campus, Division of Arts and Sciences, Dr. Dennis Mitchell.
- Aug 2002-July 2005 Research Associate I. Research focused primarily on reptiles and amphibians but also including fish and birds, Mississippi State University, Dr. Jeanne C. Jones.
- Jan 2000-Aug 2002 Graduate Research Assistant/Ph.D. Student. Habitat Associations of Reptiles, Amphibians, and Fishes on Public Forest Lands of Central Mississippi. Dr. Jeanne C. Jones.
- Dec 1998-Dec 1999 Interim Coordinator of the Mississippi Herpetological Atlas for GAP Analysis. Mississippi State University, Dr. Francisco J. Vilella.
- Aug 1996-Dec 1999 Graduate Research Assistant/M.S. Student. Population Ecology and Survey Evaluations of the Puerto Rican Frog *Eleutherodactylus coqui*. Mississippi State University, Dr. Francisco J. Vilella.
- May 1994-Oct 1995 Research and Museum Technician. Survey of the Geographic Distribution of the Alabama Redbelly Turtle, University of South Alabama, Dr. David H. Nelson.

HONORS AND AWARDS:

Graduated Summa Cum Laude - 1995 - University of South Alabama

Alpha Chi Honor Society - 1995 - University of South Alabama

John M. Rawls Award (Outstanding Senior in Biology) - 1995 - University of South Alabama

Xi Sigma Pi (National Forestry Honor Society) - 2004 - Mississippi State University

PRESENTATIONS (includes only those where I was presenter):

Oral Presentations

- Fogarty, J.H. 2011. Invited speaker: Workshop on status of herpetology (research and classification of reptile and amphibian species) in Mississippi. Annual Meeting of the Mississippi Chapter of The Wildlife Society. Louisville, MS.
- Fogarty, J.H. and J. C. Jones. 2007. Population demographics of American beaver populations in three physiographic regions of the southeastern U.S. Annual Conference on American Beaver. Chandler, AZ.
- Fogarty, J.H. and J.C. Jones. 2006. Reptile and amphibian habitat associations on public lands of east-central Mississippi. 7th Annual Meeting of Partners for Amphibian and Reptile Conservation. Andalusia, AL.
- Fogarty, J.H. and J.C. Jones. 2004. Reptile and amphibian habitat associations on public forest lands of east central Mississippi. 84th Annual Meeting of the American Society of Ichthyologists and Herpetologists. Norman, OK.
- Fogarty, J.H. and J.C. Jones. 2003. Pitfall traps versus area searches for herpetofauna research. 57th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Mobile, AL.
- Fogarty, J.H., C.H. Taylor, and J.C. Jones. 2002. The relationship between fish abundance and environmental gradients in low order streams of public forest lands in Winston County, MS. 82nd Annual Meeting of the American Society of Ichthyologists and Herpetologists. Kansas City, MO.
- Fogarty, J.H. and J.C. Jones. 2001. Reptile and Amphibian Diversity and Associated Habitat Conditions on Public Forest Lands of Northeast Mississippi. 81st Annual Meeting of the American Society of Ichthyologists and Herpetologists. State College, PA.
- Fogarty, J.H. and F.J. Vilella. 1999. Population Dynamics and Evaluation of Survey Methodologies for *Eleutherodactylus coqui* in Cordillera Forests of Puerto Rico. 79th Annual Meeting of the American Society of Ichthyologists and Herpetologists. State College, PA.
- Fogarty, J.H. and F.J. Vilella. 1999. Population Dynamics and Evaluation of Survey Methods for *Eleutherodactylus coqui* in Cordillera Forests of Puerto Rico. XVIII Symposium of Flora and Fauna of the Caribbean, Humacao, PR.
- Fogarty, J.H. and F.J. Vilella. 1997. Population Status and Survey Evaluations for *Eleutherodactylus* Frogs in Puerto Rico. 7th Symposium of the Maricao Forest, Maricao, PR.
- Fogarty, J.H. and D.H. Nelson, W. Turner. 1995. Geographic Distribution of the Alabama Redbelly Turtle (*Pseudemys alabamensis*). Annual Meeting of Alabama Academy of Sciences, Tuskegee, AL.

Posters

- Fogarty, J. H. and J.C. Jones. 2009. Factors affecting dispersion of herpetofauna around low-order streams east-central Mississippi. Annual Meeting of the Mississippi Chapter of The Wildlife Society. Jackson, MS.
- Fogarty, J. H., J. C. Jones, T. Harris, and D. Prevost. 2008. The white-tailed deer population on Stennis Space Center, a wildlife management challenge. Annual Meeting of the Mississippi Chapter of The Wildlife Society. Jackson, MS.
- Fogarty, J. H., J. C. Jones, T. Harris, and D. Prevost. 2007. The white-tailed deer population on Stennis Space Center, a growing problem. 60th Conference of the Southeastern Association of Fish and Wildlife Agencies. Charleston, WV.
- Fogarty, J.H., A.E. Barras, J.C. Jones, D.L. Nolte, B. West, C. Culpepper, and L. Shearer. 2006. Beaver colony demographics in three physiographic regions of the southeastern United States. The Wildlife Society 13th Annual Conference. Anchorage, AK.
- Fogarty, J.H. and F.J. Vilella. 2003. Short-term effects of Hurricane Georges on frog populations of the Cordillera Central, Puerto Rico. 83rd Annual Meeting of the American Society of Ichthyologists and Herpetologists. Manaus, Brazil.
- Fogarty, J.H. and J.C. Jones. 2003. Efficacy of pitfall traps versus area searches for herpetofaunal research. 83rd Annual Meeting of the American Society of Ichthyologists and Herpetologists. Manaus, Brazil.
- Nelson, D.H. and J.H. Fogarty. 1995. Geographic Distribution of the Alabama Redbelly Turtle (*Pseudemys alabamensis*) in the Mobile Delta. University of South Alabama 2nd Annual Research Forum, Mobile, AL.

PUBLICATIONS:

- Jones, J.C., K.E. Edwards, J.H. Fogarty, and K. Shelton. 2011. Bird communities of beaver wetlands and forested riparian slopes. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. 65:62-70.
- Fogarty, J.H., J.C. Jones, K.E. Edwards, and C.M. Dacus. 2010. Hurricane Katrina impacts to white-tailed deer (*Odocoileus virginianus*) on John C. Stennis Space Center. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. 64:50-55.
- Jones, J.C., D.H. Arner, J.D. Taylor, D. Godwin, and J.H. Fogarty. 2006. Bird communities on conservation buffers and mowed field edges. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. 60:8-14.

- Barras, A., J. Jones, D. Nolte, C. Culpepper, L. Shearer, and J. Fogarty. 2005. Wildlife damage to seedlings in reforested hardwood sites in Mississippi. Proceedings of the Wildlife Damage Management Conferences. Paper 107. http://digitalcommons.unl.edu/icwdm_wdmconf_proc/107.
- Vilella, F.J. and J.H. Fogarty. 2005. Diversity and abundance of forest frogs (Anura: Leptodactylidae) before and after Hurricane Georges in the Cordillera Central of Puerto Rico. Caribbean Journal of Science. 41(1):157-162.
- Fogarty, J.H. and J.C. Jones. 2003. Pitfall traps versus area searches for herpetofauna research. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. 57:268-279.
- Fogarty, J.H. and F.J. Vilella. 2003. Use of native forest and eucalyptus plantations by *Eleutherodactylus* frogs. Journal of Wildlife Management 67(1):186-195.
- Fogarty, J.H. and F.J. Vilella. 2002. Population dynamics of *Eleutherodactylus coqui* in Cordillera Forest Reserves of Puerto Rico. Journal of Herpetology 36(2):193-201.
- Fogarty, J.H. and F.J. Vilella. 2001. Evaluating methodologies to survey *Eleutherodactylus* frogs in montane forests of Puerto Rico. Wildlife Society Bulletin 29(3):948-955.

SCIENCE and MATH COURSES:

Biology/Ecology

General Biology
Introductory Zoology
Introductory Botany
Comparative Vertebrate Anatomy
Introductory to Non-vascular Plants
Molecular Microbiology
Genetics
Dendrology
Ornithology
Herpetology
Ichthyology
Wildlife Habitat Management
Principles of Game Conservation
Wildlife Research Techniques
Conservation Biology
Plant Ecology
Landscape Ecology
Upland Avian Ecology
Introduction to Marine Science

Chemistry

General Chemistry I, II, and III
Organic Chemistry I, II, and III
Organic Chemistry Lab
Introductory to Chemical Analysis

Math and Statistics

Calculus I, II, III, and IV
Linear Differential Equations
Basic Statistics
Introductory to Experimental Statistics
Statistical Design and Analysis
Multivariate Statistics
Non-Parametric Statistical Methods
Regression Analysis
Advanced Ecology (Analytical Methods)
Population Dynamics

Others

Physics I and II
Geology I, II, and III
Geology of National Parks
Geography: Oceania
Introductory to Human Geography