

JESSICA SUZANNE THOMPSON
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Education

Doctor of Philosophy, 2006

North Carolina State University, Raleigh, NC

Major in Zoology, Overall GPA: 4.00, GPA in major: 4.00

Dissertation Advisor: Dr. James A. Rice

Dissertation: *The Relative Influence of Temperature and Forage Availability on Growth and Habitat Selection of a Pelagic Piscivore*

Bachelor of Arts, 2000

Bard College, Annandale-on-Hudson, NY

Major in Ecology and Organismal Biology, Overall GPA: 3.85, GPA in major: 3.90

Senior Thesis: *The Use of Emergent Vegetation by Small Fishes in Tivoli South Bay, A Freshwater Tidal Marsh in the Hudson River Estuary*

Teaching Experience

Assistant Professor, Christopher Newport University, Newport News, VA

Fall 2008: Evolution and Ecology (Biol 202), One section (lecture)

Fall 2008: Evolution and Ecology Laboratory (Biol 202L), Two sections (laboratory)

Spring 2008: Evolution and Ecology (Biol 202), One section (lecture)

Spring 2008: Evolution and Ecology Laboratory (Biol 202L), Four sections (laboratory)

Fall 2007: General Zoology Laboratory (Biol 151L), Two sections (laboratory)

Fall 2007: Limnology and Aquatic Ecology (Biol 495/Envs 538), One section (combined lecture and laboratory)

Instructor, North Carolina State University, Raleigh, NC

Spring 2007: Evolution, Behavior, and Ecology (ZO 260), One section (lecture)

Spring 2007: Evolution, Behavior, and Ecology Laboratory (ZO 260L), Ten sections (supervision of graduate teaching assistants)

Fall 2004: Introduction to Fisheries Science (ZO 420), One section (lecture)

Fall 2004: Introduction to Fisheries Science Laboratory (ZO 423), One section (supervision of graduate teaching assistant)

Teaching Assistant, North Carolina State University, Raleigh, NC

Spring 2005: Evolution, Behavior, and Ecology Laboratory (ZO 260L), Two sections (laboratory)

Research Experience

Aquatic Ecology Advisor, Hoffer Creek Wildlife Foundation, Portsmouth, VA, 2008-present

National Science Foundation Graduate Research Fellow, 2001-2004

Graduate Research Assistant, North Carolina State University, Advisor: Dr. James A. Rice, 2000-2006

Intern, Mote Aquaculture, Mote Marine Laboratory, Sarasota, FL, Fall 1998

Grants

College of Liberal Arts and Sciences Dean's Office Grant, Christopher Newport University, US\$1,800, Project: Preparation of Lab Manual for Biol 202L Evolution and Ecology Laboratory, 2008

Publications

Thompson, J. S. 2008. Laboratory Manual: Evolution and Ecology Biol 202L Fall 2008. Academx Publishing: Lynchburg, Virginia.

Thompson, J. S., D. S. Waters, J. A. Rice, and J. E. Hightower. 2007. Seasonal fishing and natural mortality of adult striped bass in a southeastern reservoir. *North American Journal of Fisheries Management* 27:681-694.

Taylor, J. C., J. S. Thompson, P. S. Rand, and M. Fuentes. 2005. Sampling and statistical considerations for hydroacoustic surveys used in estimating abundance of forage fishes in reservoirs. *North American Journal of Fisheries Management* 25:73-85.

Manuscripts In Review or Preparation

Thompson, J. S., D. S. Waters, and J. A. Rice. In Review. Reservoir striped bass display consistent habitat selection decisions but the consequences for growth depend on interactions with prey resources. *Transactions of the American Fisheries Society*.

Thompson, J. S., and J. A. Rice. In Preparation. Energy density and relative weight of striped bass in southeastern reservoirs.

Government Reports

Thompson, J. S., J. A. Rice, D. S. Waters, J. C. Taylor, J. E. Hightower, L. A. Davias, and P. S. Rand. 2005. Energetics of Reservoir Striped Bass Populations: Phase 1 Final Report. Federal Aid in Sport Fish Restoration Project F-68-04. Submitted to the Division of Inland Fisheries, North Carolina Wildlife Resources Commission, Raleigh, NC. 316 pages.

Selected Presentations

Thompson, J. S., and J. A. Rice. 2006. The effect of temperature and forage fish density on distribution of an aquatic piscivore. Presented at the 91st Annual Meeting of the Ecological Society of America, Memphis, TN.

Thompson, J. S. and J. A. Rice. 2006. The effect of temperature and forage fish abundance on reservoir striped bass distribution. Presented at the 14th Annual Meeting of the Southern Division of the American Fisheries Society, San Antonio, TX.

Thompson, J. S., L. A. Davias, and J. A. Rice. 2005. Assessing the interacting effects of population size, forage availability, and summer habitat conditions on growth of reservoir striped bass. Presented at the 13th Annual Meeting of the Southern Division of the American Fisheries Society, Virginia Beach, VA.

Thompson, J. S. and J. A. Rice. 2004. Energetic consequences of habitat constraints on reservoir striped bass. Presented at the 134th Annual Meeting of the American Fisheries Society, Madison, WI.

Thompson, J. S., D. S. Waters, and J. A. Rice. 2004. Fishing and natural mortality of reservoir striped bass. Presented at the Annual Meeting of the North Carolina Chapter of the American Fisheries Society, Asheville, NC.

Thompson, J. S. and J. A. Rice. 2003. A bioenergetics analysis of the factors influencing growth in reservoir striped bass populations. Presented at the 11th Annual Meeting of the Southern Division of the American Fisheries Society, Wilmington, NC.

Finley, J. S. 2000. The use of emergent vegetation by small fishes in Tivoli South Bay, a freshwater tidal marsh in the Hudson River Estuary. Presented at the 5th Annual Marine and Estuarine Shallow Water Conference hosted by the U.S. Environmental Protection Agency, Atlantic City, NJ. (presented under maiden name)

Honors and Awards

Outstanding Teaching Assistant Award, North Carolina State University, 2005

National Science Foundation Graduate Research Fellowship, 2001-2004

Selected to attend the 53rd Annual Meeting of Nobel Laureates in Lindau, Germany, 2003

Robert M. Jenkins Memorial Reservoir Research Scholarship, Southern Division of the American Fisheries Society, 2002-2003

Alumni Fellowship, North Carolina State University, 2000-2001

Honorable Mention, Best Student Presentation, Southern Division of the American Fisheries Society, 2003

Honorable Mention, Richard L. Noble Best Student Paper, North Carolina Chapter of the American Fisheries Society, 2003

Honorable Mention, W. Don Baker Memorial Award, North Carolina Chapter of the American Fisheries Society, 2003

Professional Service

Faculty Sponsor, Roots and Shoots Club, Christopher Newport University, 2008-present

Speaker, Creek Critters Day, Hoffer Creek Wildlife Preserve, Portsmouth, VA, 2008

Member, General Biology Search Committee, Christopher Newport University, 2008

Member, Biol 202 Curriculum Development Committee, Christopher Newport University, 2007-2008

Vice-President, Student Fisheries Society, A Subunit of the North Carolina Chapter of the American Fisheries Society located at North Carolina State University, 2003

Vice-President, Zoology Graduate Student Association, North Carolina State University, 2002-2003

Brandt Lecture Coordinator, Zoology Graduate Student Association, North Carolina State University, 2002-2003

Teaching Peer-Review of Dr. Tom Wentworth, North Carolina State University, 2006

Journal Referee, Fisheries, 2005

Journal Referee, Transactions of the American Fisheries Society, 2003

Journal Referee, Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, 2001 and 2003

Professional Affiliations

American Association for the Advancement of Science, 2005-present

Ecological Society of America, 2002-present

American Fisheries Society, 2002-present