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EDUCATION:

University of Maryland	Postdoctoral	Fish Ecology	(1992-94)
College of William and Mary	Ph.D.	Marine Science	(1985-91)
Shanghai Fisheries University	B.S.	Fish. Res. Magt.	(1978-82)

EXPERIENCE:

2001-Present. Scientist, Division of Marine Biology and Fisheries, Rosenstiel School of Marine and Atmospheric Science, University of Miami.

1997-2000. Associate scientist, Division of Marine Biology and Fisheries, Rosenstiel School of Marine and Atmospheric Science, University of Miami.

1994-1996. Research Scientist and Computer Network System Administrator, Great Lakes Center, SUNY Research Foundation

1992-1994. Assistant Research Scientist, Chesapeake Biological Laboratory, Center for Environmental & Estuarine Studies, University of Maryland

1985-1991 Graduate Research Assistant, Virginia Institute of Marine Science, College of William and Mary.

1982-1985 Assistant teacher in Shanghai Fisheries College, Shanghai, China.

SELECTED PUBLICATIONS:

- Ault J.S., Smith S.G., Bohnsack J.A., Patterson M., Feeley M.W., McClellan D.B., Ruttenberg B.I., Hallac D., Ziegler T., Hunt J., Kimball D., **Luo J.**, Zurcher N., Causey B. 2012. Assessing coral reef fish changes and marine reserve dynamics in the Dry Tortugas, Florida USA. *Fisherie Research*, *in press*.
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- Hammerschlag N, **Luo J**, Irschick D, Ault JS (2012). Comparison of Spatial and Movement Patterns between Sympatric Predators: Bull Sharks (*Carcharhinus leucas*) and Atlantic Tarpon (*Mealops atlanticus*). *PLoS ONE* 7(9):e45958. Doi:10.1371/journal.pone.0045958.
- Hammerschlag, N., Gallagher, A.J., Wester, J., **Luo, J.** Ault, J.S. (2012). Don't bite the hand that feeds: assessing ecological impacts of provisioning ecotourism on an apex marine predator. *Functional Ecology*, doi:10.1111/j.1365-2435.2012.01973.x

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- Hoolihan, J.P., **Luo, J.**, Goodyear, C.P., Orbesen, E.S., Prince, E.D. (2011). Vertical habitat use of sailfish (*Istiophorus platypterus*) in the Atlantic and eastern Pacific, derived from pop-up satellite archival tag data. *Fisheries Oceanography*, 20 (3), pp. 192-205.
- Smith, S.G., Ault, J.S., Bohnsack, J.A., Harper, D.E., **Luo, J.**, McClellan, D.B. (2011). Multispecies survey design for assessing reef-fish stocks, spatially explicit management performance, and ecosystem condition. *Fisheries Research*, 109 (1), pp. 25-41.
- Prince, E.D., **Luo, J.**, Phillip Goodyear, C., Hoolihan, J.P., Snodgrass, D., Orbesen, E.S., Serafy, J.E., Ortiz, M., Schirripa, M.J. (2010) Ocean scale hypoxia-based habitat compression of Atlantic istiophorid billfishes. *Fisheries Oceanography*, 19 (6), pp. 448-462. Cited 1 time.
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- Ault, J.S., R. Humston, M.F. Larkin, E. Perusquia, N.A. Farmer, **J. Luo**, N. Zurcher, S.G. Smith, L. Barbieri, and J. Posada. (2008). Population dynamics and resource ecology of Atlantic tarpon and bonefish. Chapter 16 in Ault, J.S. (ed.) *Biology and Management of the World Tarpon and Bonefish Fisheries*. Taylor & Francis Group, CRC Series in Marine Science, Volume 9. Oxford, UK. 428 p.
- Larkin, M.F., Ault, J.S., Humston, R, **Luo, J.**, and Zurcher N. (2008). Tagging of bonefish in South Florida to study population movement and stock dynamics. Population dynamics and resource ecology of Atlantic tarpon and bonefish. Chapter 16 in Ault, J.S. (ed.) *Biology and Management of the World Tarpon and Bonefish Fisheries*. Taylor & Francis Group, CRC Series in Marine Science, Volume 9. Oxford, UK. 428 p.
- Ault, J.S., Moret, S., **Luo, J.**, Larkin, M.F., Zurcher, N., and Smith, S.G. (2008). Florida Keys bonefish population census. Population dynamics and resource ecology of Atlantic tarpon and bonefish. Chapter 16 in Ault, J.S. (ed.) *Biology and Management of the World Tarpon and Bonefish Fisheries*. Taylor & Francis Group, CRC Series in Marine Science, Volume 9. Oxford, UK. 428 p.
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- Wang, J. D., **Luo, J.**, Ault, J.S. 2003. Flows, salinity and some implications on larval transport in South Biscayne Bay, Florida. *Bulletin of Marine Science*. 72:695-723
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- Luo, J.**, Hartman, K.J., Brandt, S.B., Cerco, C. F, Rippetoe, T.H. (2001). A spatially-explicit approach for estimating carrying capacity: An application for the Atlantic menhaden (*Brevoortia tyrannus*) in Chesapeake Bay. *Estuaries*. 24 (4) 545-556
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- Luo, J.** and S. B. Brandt. 1993. Bay anchovy, *Anchoa mitchilli*, production and consumption in mid-Chesapeake Bay based on a bioenergetics model and acoustic measures of fish abundance. *Mar. Ecol. Prog. Ser.* 98:223-236.
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- Luo, J.**, and J. A. Musick. 1991. Reproductive biology of the bay anchovy in Chesapeake Bay. *Transaction of American Fisheries Society.* 120(6):701-710.

HONORS AND AWARDS

- X Lerner-Gray Award for Marine Research, American Museum of Natural History, June, 1989.
- X Oversea scholarship award from the Ministry of Fisheries and Agriculture of China to study marine science in United States. August, 1985 - August, 1987.

THESIS AND DISSERTATION ADVISING

- X Committee member for R.C. Tipton, (Ph.D.), Wildlife and Fisheries, West Virginia University, Morgantown, WV. Bay anchovy population dynamics in Hudson River. Diel distributional Ecology of fish in the Vicinity of Power Plants.
- X Committee member for Rob Robbins, (Ph.D.), RSMAS, University of Miami. The Effects of Salinity Fluctuation on the Productivity of Mangrove Fishes in the Southeastern Everglades.

COLLABORATORS:

Jerald S. Ault, University of Miami, Stephen Brandt, NOAA/GLERL, Kyle Hartman, West Virginia University, J. Mike Jech, NMFS/Northeast Science Center, Peter Ortner, NOAA/AOML, Jim Colvocoresses, FMRI/Florida Fish and Wildlife Conservation.