

**JOHN SCARPA**

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**EDUCATION:**

Ph.D. Wildlife and Fisheries Sciences, Texas A&M University, College Station, Texas.

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**Committee Member:**

Ms. Panayiota Makris, University of Central Florida, Biology (expected May 2016)  
Ms. Phyllis Klarmann, FAU, Biology, MS current (expected May 2015)  
Mr. Pedro Lara, FAU, Biology, MS current (expected Dec 2014)  
Ms. Wei Samantha Wright Yuan, University of Central Florida, Biology, MS 2014  
Ms. Melissa Broderick, University of Florida, Fisheries & Aquatic Sciences, MS 2011  
Ms. Hilde Zenil Becerra, FAU, Environmental Sciences, MS 2011  
Ms. Lisa Draughon, FAU, Integrative Biology, Ph.D. 2010  
Mr. Julian DiGialleanardo, FAU, Biology, MS 2007  
Ms. Krystal Baird, FAU, Biology, MS 2006

**Undergraduate/Graduate Intern Mentor:**

Phyllis Klarmann, Florida Atlantic University, HBOI Link 2014  
Madelyn E. Russell, Florida Atlantic University, Directed Independent Study 2013  
Joseph Brooker, Florida Atlantic University, HBOI Link 2013 (co-mentor with Dr. P. Wills)  
Lawrence Baur, Indian River State College, FL COSEE 2013  
Tara Ferland, Indian River State College, FL COSEE 2013  
Matthew Russell, Florida Atlantic University, HBOI Link 2012  
Hannah Kolb, Florida Tech, HBOI Link 2011  
Rebecca Wayne, Indian River State College, FL COSEE 2011  
Christopher Tolliver, Indian River State College, FL COSEE 2011  
Michelle Harangody, Miami University, HBOI Link 2008  
Lisa Draughon, Florida Atlantic University, HBOI Link 2005  
Blake Carrington, Novozymes Biologicals 2003  
Eman El-Wazzan, Florida Tech, HBOI Link 2003  
Carla Lema Tome, Florida Tech, PharmaMar 2002 (with Dr. A. Duckworth)  
Carla Lema Tome, Florida Tech, HBOI Link 2001  
Janine L. Ladson, NSF Bridge to Research 1999  
Nikita Stodghill, NSF Bridge to Research 1999



**PUBLICATIONS:**

- Burford, M.O., Scarpa, J., Cook, B.J. and Hare, M.P. 2014. Local adaptation of a marine invertebrate with a high dispersal potential: evidence from a reciprocal transplant experiment of the eastern oyster *Crassostrea virginica*. Marine Ecology Progress Series, 505: 161-175.
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- Kelly, C.J., Laramore, S.E., Scarpa, J. and Newell, R.I.E. 2011. Seasonal comparison of physiological adaptation and growth of Suminoe (*Crassostrea ariakensis*) and eastern oysters (*Crassostrea virginica*). J. Shellfish Res., 30: 1-13.
- Zhang, H., Scarpa, J. and Hare, M.P. 2010. Differential fertilization success between two populations of eastern oyster, *Crassostrea virginica*. Biol. Bull., 219: 142-150.
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- El-Wazzan, E. and Scarpa, J. 2009. Improving triploidy induction in the hard clam *Mercenaria mercenaria notata*: Cytological evaluation of fertilized eggs. Egyptian J. Aquatic Res., 35(3): 385-403.
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- Draughon, L., Scarpa, J., Keating, P. and Hartmann, J.X. 2008. Potential estuarine water quality improvement via marine invertebrate bioremediation. pp. 97-112 (Chap 9), In: M. Theophanides and T. Theophanides (eds.) Environmental Awareness and Management, ISBN 978-960-6672-39-2. 240pp. Athens Institute for Education and Research, Athens, Greece.
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Scarpa, J. and Allen, Jr., S.K. 1992. Comparative kinetics of meiosis in hybrid crosses of Pacific oyster *Crassostrea gigas* and Suminoe oyster *C. rivularis* with the American oyster *C. virginica*. *J. Exp. Zool.*, 263: 316-322.

Longo, F.J. and Scarpa, J. 1991. Sperm nuclear expansion and association of the maternal and paternal genomes in fertilized *Mulinia lateralis* eggs. *Biol. Bull.*, 180: 56-64.

Gatlin, D.M., III, O'Connell, J.P. and Scarpa, J. 1991. Dietary zinc requirement of the red drum, *Sciaenops ocellatus*. *Aquaculture*, 92: 259-265.

Wada, K.T., Scarpa, J. and Allen, Jr., S.K. 1990. Karyotype of the dwarf surf clam *Mulinia lateralis* (Say, 1822) (Mactridae, Bivalvia). *J. Shellfish Res.*, 9: 279-281.

#### **POPULAR ARTICLES:**

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Scarpa, J., S. Baker, L. Sturmer, S. Laramore, E. El-Wazzan, E. Hoover and K. Weber. 2009. Evaluation of triploid hard clams for Florida Aquaculture. *Global Aquaculture Advocate*, March/April: 48-50.

Landau, M. and J. Scarpa. 2009. Demonstrations and Laboratory Exercises in Aquaculture. VI. Fish Pond Inventory and Feed Budgets. *World Aquaculture*, 40(1): 8-11.

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A new laboratory exercise for college aquaculture students: aeration. Landau, M., Scarpa, J. and Pendoley, P. Aquaculture 2004, Honolulu, HI, 1-5 March 2004.

Characterization of water quality, oyster reproduction and health in the St. Lucie Estuary: A one year monitoring study. Scott, L., Wilson, C., Scarpa, J., Volety, A., Laramore, S. and Haunert, D. Gulf of Mexico, Florida East Coast, and Caribbean Regional Fisheries Workshop, Melbourne, FL, 4-5 September 2003.

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