

Vanessa Maxwell Weldon

421 Wood Park Way #103
Longwood, FL 32779
(615) 294-3830
vmaxwell24@gmail.com

Education

Aug '97 to May '01 B.S., Biology, Florida Institute of Technology, major emphasis: marine biology and aquaculture, graduated 2001.

Aug '01 to Aug' 03 M.S., Fisheries and Allied Aquaculture, Auburn University, thesis title: "Probiotics in Red Snapper Larviculture," graduated 2003.

Aug '04 to Aug. '07 Ph.D., Wildlife and Fisheries Science, Louisiana State University, Environmental Planning and Management minor, Dissertation: "An Evaluation of an Inshore Aquaculture Park for Sustainable Coastal Community Development," graduated 2007.

Work History

7-1-2015 - present Pentair Aquatic Ecosystem
Gmerice Lafayette

Apopka, FL
407-992-5516

Aquaculture Biologist

- Aquaculture technical support
- Customer education
- Aquaculture system design
- Web support
- Administrative support
- Training employees

9/1/2009 - Present Consulting Services
Self-employed

Longwood, FL
615-294-3830

Independent Contractor

- Grant writing
- Data analysis
- Tutoring
- Scientific report development
- Website content development
- Website user activity analysis

01/11 - 12/11 University of Arkansas - Pine Bluff
Dr. Nathan Stone

Pine Bluff, AR
870-575-8138

Research Associate

- Developed online content for eXtension Freshwater Aquaculture CoP
 - HTML Code and JavaScript
- Uploaded files and creating links to eXtension pages
- Managed content reviewers and authors

- Advised Freshwater Aquaculture CoP team members on uploading files, developing content, and working within the eXtension website
- Developed professional development webinars
- Managed Ask the Expert feature for all aquaculture related questions, matching questions with experts
- Developed Moodle courses
- Wrote grants to provide future funding for maintain and evaluating the freshwater aquaculture eXtension CoP

08/10 - 12/10 University of South Carolina - Beaufort Beaufort, SC
Dr. Keith Charles 843-208-8108

Adjunct Professor

- Taught biology and non-biology majors of varying backgrounds, ages, and education level
- Bio 101 lecture and 2 labs
- BMAR 215 Coastal Environments of the Southeast for non-biology majors

6/10 - 8/10 Matrix New World Engineering Inc. Houma, LA
Alan Parsons 603-770-7506

Biologist - Wildlife Recover BP Deepwater Horizon Oil Spill

- Rescued injured and oiled wildlife capture
- Conducted initial animal health assessment
- Habitat patrol and wildlife assessment
- Evidence collection
- Established cooperation with local wildlife and law enforcement in Louisiana and Mississippi
- Reported oiled areas and requesting boom
- Assisted with logistics of food and housing

04/10 - 6/10, 8/10 - 11/10 Banfield Animal Hospital Bluffton, SC
Dr. Paul Barras 843-836-1947

Veterinarian Assistant

- Greeted clients and their pets
- Conducted initial physical exams
- Drew blood and administered treatments such as pills and injections
- Ran CBCs and internal organ function tests
- Communicated with clients about disease prevention

11/09 - 3/10 Island Fresh Seafood, Inc Yonges Island, SC
Bill Cox 843-889-6920

Staff Biologist

- Grant writing
- Administrative assisting
- Packing clam seed
- Algal culture
- Conditioned clam and oyster broodstock
- Spawned clam and oysters
- Daily feeding and care of larvae
- Water quality monitoring

01/09 - 09/09 JHT, Inc Charleston, SC

Wayne Alderman

843-762-8502

Marine Biologist

- Conducted toxicology tests using two-generation bioassay
- *Artemia* culture
- Mysid culture
- Sexed and measured grass shrimp
- Maintained safety protocols and equipment

2/08 - 1/09 NOAA National Ocean Service

Silver Spring, MD

Nathalie Valette-Silver

(301) 713-3020

Knauss Sea Grant Fellow

- Developed marine animal health website for NCCOS
- Developed a Coral Implementation Plan and Coral Capabilities Brochure for the National Center for Coastal Ocean Science (NCCOS)
- Worked with the Co-directors of the Cooperative Center for Marine Animal Health to raise awareness and further collaboration on marine health issues
- Collaborated and wrote grant proposals
- Organized posters, seminars, sessions, workshops and prepared follow-up reports
- Participated in site visits and prepared follow-up reports
- Developed and organized children's activity books text and artwork
- Assisted with field sampling of white bass and hard clams in Chesapeake Bay
- Volunteered to help in dolphin health assessment study in Sapelo Island, GA
- Attended ArcGIS workshops at University of MD: June 16, 2008; and July 1, 2008

5/07 - 1/08 Louisiana Sea Grant

Baton Rouge, LA

Dr. John Supan

(225) 578-6527

Post-Doctoral Researcher

- Conducted Estradiol experiments to induce fertility in sterile triploid oysters
- Triploid and tetraploid oyster culture
- Algae culture
- Hatchery management
- Broodstock maintenance
- Flow cytometry to verify triploids and tetraploid oysters
- Laboratory management
- Supervised student worker(s)

7/04 - 5/07 Louisiana State University

Baton Rouge, LA

Dr. John Supan

(225) 578-6527

Graduate Research Assistant

- Policy analysis of aquaculture in the Gulf of Mexico State waters
- Public doctrine and private land use policy reviews
- Managed grants, budget justifications, and no cost extension reports
- Economic analysis

- Organizing seminars, sessions, and conventions
- Supervised student worker
- Developed management plan for use of Australian Adjustable Longline System for off-bottom oyster culture in Louisiana
- Flow cytometry to verify triploids oysters
- Culture of triploid and disease resistant oysters

7/03 - 6/04 Florida Fish and Wildlife Commission
Rick Beaver

Marathon, FL
(305) 289-2330

Biologist I - Port Sampler

- Conducted fishermen interviews both commercial and recreational
- Otolith and tissue sample collection
- Data entry into online database and Excel databases
- Regulatory compliance monitoring
- Communication with fishing community
- Organized interview paper work and monthly reports

8/01- 5/03 Auburn University
Dr. Ron Phelps

Auburn, AL
(334) 844-9317

Graduate Research Assistant

- Bacteria culture and isolation
- Developed technique for detecting inhibitive effects of isolates on *Vibrio*
- Microbial identification - using Riboprinter, API strips, and culture techniques
- Red snapper culture
- Water quality monitoring
- Algae and rotifer culture
- Zooplankton harvesting and monitoring

Organizations and service

World Aquaculture Society (WAS) member since 1999, serving on USAS website and social media committee

WAS-USAS Student Liaison 2006 - 2008

WAS USAS Session Coordinator for student seminars 2005-2008

Florida Institute of Technology WAS Student Chapter Secretary 1999 - 2000

University AFS Chapter Treasurer 2001 - 2002

Louisiana AFS Chapter Judge for 2007 Chapter Meeting

Honors and Award

Certificate of Appreciation, Outstanding Service, and Contributions as Student Liaison, U. S. Aquaculture Society, 2008.

Knauss Sea Grant Fellowship, one-year fellowship with NOAA, Feb. 2008 - Jan. 2009, Silver Spring, MD.

U.S.A.S. Best Oral Presentation. Aquaculture America 2006, Las Vegas, NV, USA.

Student Employee of the Year. Florida Institute of Technology, Melbourne, FL 2000.

Publications, Posters, and Presentations

- Maxwell, V.J., and J.E. Supan 2010. Economic Analysis of Off-bottom Oyster Culture for Triploid Eastern Oyster, *Crassostrea virginica*, Culture in Louisiana. *World Aquaculture Magazine* 41(1) : 9-14.
- Maxwell, V. J. and J. E. Supan, L. Schiavinato, S. Showalter, G. Treece. 2008. Aquaculture Parks in the Coastal Zone: A Review of Legal and Policy Issues in the Gulf of Mexico State Waters. *Coastal Management Journal* 36(3): 241-253
- Baker, S. B. Tran, T. Dorch, M. Mahling, V. Maxwell, L. Chhay, M. Barry, M. Wolff, and P. Maurin. Coral Reef Activity Book. NOAA's National Centers for Coastal Ocean Science. Silver Spring, MD. 26 pp.
- Valette-Silver, N.J., V.J. Maxwell, and J. Kucklick. 2008. Assessing Contaminant Impacts: Role of the NOAA Cooperative Center for Marine Animal Health. Poster. Society for Environmental Toxicology and Chemistry 5th World Congress. Sydney, Australia. August 7, 2008.
- Valette-Silver, N.J., L. Schwacke, P. Fair, C. Woodley, S. McLaughlin, P. Tester, D. Evans, J. Hameedi, G. Lauenstein, A. Lewitus, V.J. Maxwell, and J. Kucklick. 2008. NCCOS Research Focus: Impacts of Contaminants, Marine Biotoxins, and Other Stressors on Marine Animal Health. Poster. Society for Environmental Toxicology and Chemistry 5th World Congress. Sydney, Australia. August 7, 2008.
- Maxwell, V.J. and J.E. Supan. 2007. Enterprise Budget of Off-Bottom Oyster Culture Using the Australian Adjustable Longline System for Triploid Oyster, *Crassostrea virginica*, Culture in Louisiana (USA). *Aquaculture* 2007, February 28, 2007, San Antonio, TX.
- Maxwell, V.J., and J. E. Supan. 2006. Fouling Control for Off-bottom Eastern Oyster *Crassostrea virginica* Culture Using the Adjustable Longline System. *Aquaculture America* 2006, February 14, 2006, Las Vegas, NV. Best Presentation Award.
- Maxwell, V. J. (session organizer), J. E. Supan, L. Schiavinato, S. Showalter, G. Treece. 2005. Aquaculture Parks in the Coastal Zone: A Review of Legal and Policy Issues in the Gulf of Mexico State Waters. *Coastal Zone '05: Special Panel Session*, July 20, New Orleans, LA.
- Maxwell V.J., and R. P. Phelps. 2003. Probiotic Potential in Red Snapper, *Lutjanus campechanus*, Larviculture. *Aquaculture America* 2003, February 21, Louisville, KY.