

Research Profile



First Name: Dennis **Middle Initial:** M. **Last Name:** McIntosh
Title: Assistant Research Professor and Extension Specialist -
Aquaculture (tenure track)
Department/School: Department of Agriculture and Natural
Resources, College of Agriculture and Related Sciences
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Professional Education:

- Ph.D. Environmental Science. 2002. University of Arizona, Tucson, AZ.
- M.S. Mariculture. 1999. Texas A&M University - Corpus Christi, Corpus Christi, TX.
- B.S. Marine Science. 1994. Richard Stockton College of New Jersey, Pomona, NJ.

Research Interest Area(s):

Freshwater and marine aquaculture; water quality; integrated aquaculture/agriculture systems; aquaculture effluents; recirculation technology; sex ratio manipulation

Active Grants & Funding:

- Andrew Lazur, Erin Ryder, Dennis McIntosh, Kenneth Semmons, Roger C. Viadero, Todd West, Karen Buzby. 04/05 - 06/08. Increasing Economic and Environmental Sustainability of Aquaculture Production Systems Through Aquatic Plant Culture. USDA - Northeast SARE.
- Dennis McIntosh. 10/05 - 09/09. Baitfish Aquaculture In the Mid-Atlantic. USDA - Evans-Allen.
- Tom Simpson, Dyremple Marsh, Dennis McIntosh. 09/04 - 09/08. The Mid-Atlantic Regional Water Quality Program. USDA 406 Program.

Professional Affiliations:

- Member, The World Aquaculture Society (WAS) (since 1997)
 - Web editor, WAS (currently serving)
- Member, The United State Aquaculture Association (USAS) (since 1997)
 - Member, Board of Directors, USAS (2006)
 - Student Web Page Administrator, USAS (2000-2002)
- Member, The National Aquaculture Association (since 2001)
- Member, Delaware State University Faculty Senate (2005-present)
- Event Coordinator, FFA Aquaculture Career Development (2001-2003)

Honors & Awards Received (last five years):

2006 Director's Spirit Award, University of Delaware Cooperative Extension, October 25, 2005.

Publications (last three years):

- *McIntosh, D. E. Ryder, G. Dickenson and K. Fitzsimmons.* 2004. Laboratory Determination of a Phosphorus Leaching Rate from Trout (*Onchorhynchus mykiss*) Feces. *Journal of the World Aquaculture Society* 35: 506-512.

- *McIntosh, D., C. King and K. Fitzsimmons. 2003. Tilapia (*Oreochromis niloticus*) for biological control of giant salvinia (*Salvinia molesta*). Journal of Aquatic Plant Management 41: 28-31.*
- *McIntosh, D. and K. Fitzsimmons. 2003. Characterization of effluent from an inland, low-salinity shrimp farm: What contribution could this water make if used for irrigation? Aquacultural Engineering 27: 147-156.*