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Education:

- 1990 Ph.D. North Carolina State University, Zoology (Oceanography minor)  
1984 M.S. North Carolina State University, Ecology  
1981 B.Sc. (Hons). University of York, Human and Environmental Biology

Professional Background:

- 2011-present Director, Chesapeake Biological Laboratory, University of Maryland Center for Environmental Science  
2006-present Professor, Chesapeake Biological Laboratory  
2000-2006 Associate Professor, Chesapeake Biological Laboratory  
1994-2000 Assistant Professor, Chesapeake Biological Laboratory  
1990-1994 Post-doctoral Fellow, McGill University, Montreal

Products (5 most relevant)

- Peer, A. C. and T. J. Miller. 2014. Climate change, migration phenology and fisheries management interact with unexpected consequences. *North American Journal of Fisheries Management* 00:000-000. DOI: 10.1080/02755947.2013.847877.
- Wiedenmann, J., M. J. Wilberg and T. J. Miller. 2013. An evaluation of harvest control rules for data-poor fisheries. *North American Journal of Fisheries Management*. 33:845-860. DOI: 10.1080/02755947.2013.811128
- Frisk, M. G., A. Jordaan and T. J. Miller. 2013. Moving beyond the current paradigm in marine population connectivity: Are adults the missing link? *Fish and Fisheries*. 14:000-0000.
- Link, J. S., S. Gaichas, T. J. Miller, T. E. Essington, A. Bundy, J. Boldt, K. F. Drinkwater and E. Moksness. 2012. Synthesizing lessons learned from comparing fisheries production in 13 northern hemisphere ecosystems: emergent fundamental features. *Marine Ecology Progress Series* 459:293-302. DOI: 10.3354/meps09829
- Holsman, K., T. E. Essington, T. J. Miller, M. Koen-Alonso and W. J. Stockhausen. 2012. Comparative analysis of cod and herring production dynamics across 13 northern marine ecosystems. *Marine Ecology Progress Series*. 459:231-246

Other products

- Sagarese, S. R., M. G. Frisk, T. J. Miller, K. A. Sosebee, J. A. Musick and P. J. Rago. 2014. Influence of environmental and spatial variables on the habitat selection of spiny dogfish (*Squalus acanthias*): Implications for understanding the species life history strategy and management in the northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences*. 00:000-000.
- Colton, A. R., Wilberg, M. J., V. J. Coles and T. J. Miller. 2013. An evaluation of the synchronization in the dynamics of blue crab populations in the western Atlantic. *Fisheries Oceanography*. 00:000-000.
- Frisk, M. G., T. J. Miller, R. Latour and S. J. D. Martell. 2011. Assessing biomass gains from marsh restoration in Delaware Bay using Ecopath with Ecosim. *Ecological Modelling*. 222:190-200. DOI:10.1016/j.ecolmodel.2010.08.026

- Miller, T. J., J. A. Blair, T. F. Ihde, R. M. Jones, M. J. Wilberg and D. H. Secor. 2010. An innovative role for scientists in stakeholder centered approaches to fisheries management. *Fisheries*. 35(9):425-433.
- Nye, J. A., D. A. Loewensteiner, and T. J. Miller. 2011. Annual, seasonal and regional variability in diet of Atlantic croaker (*Micropogonias undulatus*) in Chesapeake Bay. *Estuaries and Coasts*. 34:691-700.
- Bunnell, D. B., D. Lipton and T. J. Miller. 2010. The bioeconomic impact of potential new management regulations on the Chesapeake Bay blue crab fishery. *North American Journal of Fisheries Management*. 30:1505-1521 doi 10.1577/M09-182.1

#### Synergistic activities

**International:** ICES Working group on Recruitment Processes (2002-2004, chair 2004-2010), ICES Working group on Physical-Biological Interactions (2004 - present), US- Canada Trans-Boundary Resource Assessment Group (2010). US- Canada – Norway Trilateral Program on Production Modeling (2010 – present) - **National** NRC Panel on Water Use in the San Francisco Bay/Delta (2009-2012), NRC Panel on the Bay Delta Conservation Plan (2010 – 2012), NOAA NEFSC Stock Assessment Review Committee 2001,2008, 2009, 2011, 2012; NOAA Mid-Atlantic Fishery Management Council’s Scientific and Technical Committee member (2001-present, Vice-Chair 2009-present); Atlantic States Marine Fisheries Commission Management and Science Committee (2006-present), GMFMC Blue Crab Review Panel 2013, ASMFC Menhaden and Croaker Review Panel 2003, ASFMC Tautog Review Panel (2005, Chair, 2013), ASMFC Lobster Review Panel (2009, Chair) -**Regional:** Maryland Sea Grant, Scientific Advisory Committee, 2005-present; NOAA-Virginia Sea Grant Review Panel (2003-2006); Chesapeake Bay Fishery Ecosystem Plan Panel (2000 –2011), Maryland Sea Grant Ecosystem Based Fisheries Program (Chair, Stock Dynamics Evaluation Team 2009-2011), Chesapeake Bay Stock Assessment Committee (1999- present); Scientific advisor to Potomac River Fisheries Commission (2006 – present).

#### Professional Recognition

**Personal:** President’s Award for Excellence, UMCES 2001; Graduate Education Award, UMCES 1998, 2008; Best Student Paper Award, Am. Fish Soc 1987; Harkema Award for Graduate Education, NCSU 1986; Plenary Speaker, Larval Fish Conference 2006; ICES Workshop on Physical Biological Interactions 2006; EcoNORTH – International conference on the Northern Ocean Ecosystems 2007. National Ecosystem Modeling Workshop, 2009

#### LIST of Collaborators (Last 5 years outside of UMCES)

A. Bundy (DFO- Canada);D. B. Bunnell (USFWS); J. S. Blair (FSU); E. M. Caldarone (NOAA); J. S. Collie (URI); K. Drinkwater (IMR, Norway); T. E. Essington (U. WA); L. Fegley (MD DNR); M. J. Fogarty (NOAA); M. G. Frisk (Stony Brook); S. Gaichas (NOAA); J. Hare (NOAA); A. H. Hines (Smithsonian Inst.); K. Holsman (NOAA); E. Johnson (U.N.FI); R. M. Jones (FSU); C. M. Jones (ODU); A. Jordaan (U.Mass); M. S. Kendall (NOAA); M. Koen-Alonso (DFO-Canada), R. Latour (VIMS); J. S. Link (NOAA); R. N. Lipcius (VIMS); S. J. D. Martell (UBC), B. Megrey (NOAA); E. Moskness (IMR, Norway); J. A. Nye (EPA), P. Pepin, (DFO-Canada); P. J. Rago (NOAA); A. F. Sharov (MD DNR), K. A. Sosebee (NOAA); W. J. Stockhausen (NOAA), T. A. Target (U.Del), C. Tureli (Univ. Cukurova, Turkey); H. Townsend (NCBO/NOAA); J. Widenmann (Rutgers)

Graduate Students and Post-doctoral Fellows: **MS:** L. J. Bauer, K. K. Brewster-Geisz, B. J. Brylawski, V. Caceres, M. A. Chenery, J. M. Coakley, A. R. Colton, K. L. Curti, J. E. Edwards, E. A. Everts, M. G. Frisk, C. J. Heyer, O. P. Jensen. **current:** *N. Mehaffie, D. Zaveta*— **PhD:** L. O. Alade, M. G. Frisk, M. S. Kendall, J. A. Nye, A. Peer. **current:** *H. A. Lane* – **Post-doc** D. B. Bunnell, M. G. Frisk, T. Ihde, E. Karakoylu. **Current A. Buchheister**

Advisors: **MS** – S. Mozley (NCSU), **Ph.D.** L. B. Crowder (NCSU), **Post-doc.** W. C. Leggett (McGill)