

CURRICULUM VITAE

TINA MILLER-WAY

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Education

Miami University, Oxford, OH; Zoology, B.A., 1980
Oregon State University, Corvallis, OR; Biological Oceanography, M.S., 1984
Louisiana State University, Baton Rouge, LA; Oceanography & Coastal Studies, Ph.D., 1994
Dauphin Island Sea Lab, Dauphin Island, AL; Estuarine Ecology, Post-doctoral Research Associate, 1994-1996

Current Appointments

1/2014–present Assistant Director for Education, Mississippi-Alabama Sea Grant Consortium
10/2010-present Chair, Discovery Hall Programs for Education & Outreach, Dauphin Island Sea Lab, AL

Prior Appointments

9/2007-9/2009 Scientist-Educator, Northern Gulf Institute Liaison, Dauphin Island Sea Lab
1/1996 -5/2007 Associate Professor, Depart. of Natural Sciences, University of Mobile, Mobile, AL
2005-2007 Program Facilitator (Mentor, 2005), NSF REU program, Dauphin Island Sea Lab
2003-2007 Instructor, Undergraduate Summer Program, Dauphin Island Sea Lab, Dauphin Island, AL
1/2000-5/2001 Adjunct Faculty, Dept. of Biology, University of South Alabama, Mobile, AL
6/1986-12/1989 Biologist, Coastal Ecology Group, and Aquatic Habitat Group, USAE Waterways Experiment Station, Vicksburg, MS

Relevant Products

Bareford, K., Hagley, C., Bilotta, J., **Miller-Way, T.**, Rodman, M., Schomberg, J., and Sweetman, B. 2021, Informing the Development of the Coast Model of the Watershed Game, J. Contemporary Water Resources and Education, (in press).

Bareford, K., Sweetman, B., Bilotta, J., Hagley, C., **Miller-Way, T.**, Rodman, M., and C. Jones, 2020, Development of coast models of the watershed game: a report summarizing the methods and data captured to identify and synthesize priority coastal issues.
<http://masgc.org/assets/uploads/publications/1926/20-034.pdf>.

Vedral, S., R. Collini, **Miller-Way, T.**, Smallegan, S., Rellinger, A. and E. Sparks. 2021. Sea Level Rise in the Classroom. 2020. <https://placeslr.org/our-products/sea-level-rise-curriculum/>.

Beresford, S., Fillingham, K. and **T. Miller-Way**. 2018. Recommendations for Science Outreach Program Development: Perspectives from Gulf of Mexico Research Initiative Consortia. Limnol. Oceanog Bull. Aug. doi.org/10.1002/lob.10249

Miller-Way, T. 2016-2017, Edublog, Alabama Center for Ecological Resilience. www.acer.disl.org/blog

Miller-Way, T., J. Ort. 2015, America's Amazon, The Mobile-Tensaw Delta: A Teacher's Guide.
<http://americasamazon/net>

Riley, C., **Miller-Way, T.** and T. Richardson. 2014. Storm Surge Game and Lesson Plans.
<https://www.disl.org/research/storm-surge>

Twilley, R.R., et al. (inc. **T. Miller-Way**). 2014. Simulation Management Systems developed by the Northern Gulf Coastal Hazards Collaboratory (NG-CHC): An overview of cyberinfrastructure to support the coastal modeling community in the Gulf of Mexico. Advances in Coastal and Marine Resources:

Remote Sensing and Modeling. (CRL) series. ISBN 978-3-319-06326-3. 460 pages
Rabren, L. Mosher, M. Swann. R, and **T. Miller-Way**. 2012. A Redfish Tale – a video. Mobile Bay National Estuary Program. http://www.mobilebaynep.com/videos/a_redfish_tale.
Twilley, R.R., Cowan, J., **Miller-Way, T.**, Montagna, P.A. and B. Mortazavi. 1999. Benthic nutrient fluxes in selected estuaries in the Gulf of Mexico. *In* Bianchi, T.S., Pennock, J.R. and R.R. Twilley (eds.), Biogeochemistry of Gulf of Mexico Estuaries, J. Wiley and Sons., New York.

Synergistic Activities

Recent Grants (Principal Investigator, Co-PI or state lead)

Marine Environmental Science Education at Discovery Hall Programs at the Dauphin Island Sea Lab (DHP), Environmental Studies Center of Mobile County Public Schools (ESC) and the Marine Education Center, Gulf Coast Research Lab (MEC) - Mississippi-Alabama Sea Grant Consortium (USM), NOAA Sea Grant; education and outreach for K-12 students, K-12 and informal educators, and the public, 2012 - present
CAMEO – Citizens’ Archive for Mobile Bay Estuarine Organisms (DISL), AL Dept. Conservation and Natural Resources; a citizens’ science program for DISL trawling trips in Mobile Bay, 2020 - present
NOAA-OER Education Alliance Partner (DISL) - Deep Dives and Exploring the Deep Ocean teacher workshops, National Marine Sanctuaries Foundation, 2014 - present
Diversity Internship Program (DISL), NOAA Cooperative Institute - Northern Gulf Institute; internships for undergraduate and graduate students for underrepresented groups in STEM disciplines, 2009 – 2017
Talking Trash (DISL), Gulf of Mexico Alliance Gulf Star Program; Lesson plan development and implementation for building drifters and using them to identify trash ‘hot spots’ in local waterways
Watershed Education using Bivalves (DISL), NOAA Bay Watershed Education & Training Program; K-12 student field trip activities, professional development for teachers, service project

Professional Development (last 5 yrs)

2020 Unconference: Equity in Middle School Science Instruction
2019 Dimensions of Success – STEM program evaluation, AdvancED (now Cognia)
2018 Reflecting on Practice, NSF (in person)
2016 National Network for Climate Change Interpretation (NNOCCI), National Science Foundation; (in person)
2016 ALEX Lesson Plan Summit, Alabama State Department of Education (in person)

Recent Service

Member - Alabama STEM Council, 2019 – present (originally AL STEM Advisory Council)
Member-at-large - Sea Grant Education Network Executive Board, 2018 to present
State Representative – Gulf of Mexico University Research Collaborative (GOMURC), 2017-2020
Steering Committee – Bays and Bayous, 2020
Advisory Council – Florida STEM Seals
Inclusion Luncheon Planning Committee - Coastal & Estuarine Research Federation (CERF), Annual meeting, 2019
Reviewer (manuscripts) - Journal of Geoscience Education, Gulf and Caribbean Research, Marine Ecology Progress Series, Estuaries, Limnology & Oceanography, Biogeochemistry, Continental Shelf Research
Reviewer (Proposals) – NOAA Environmental Literacy Grants, Sea Grant Program, NSF

Certifications

Dimensions of Success STEM Training, PEAR Institute
Kayak Guide, American Canoe Association
Erin’s Law
1st Aid, CPR
SCUBA - NAUI