

MELISSA L. MULLINS

EDUCATION

M.S. Environmental Biology
Baylor University, 1995

B.S. Biology
University of Kentucky, 1989

PROFESSIONAL EXPERIENCE

Environmental Education Specialist, Center for Reservoir and Aquatic Systems Research, Baylor University, 2006 to present

Regional Biologist, Water Quality Program, Texas Parks and Wildlife Department, 2001-2005

Environmental Investigator and Aquatic Scientist, Texas Commission on Environmental Quality, 1998-2001

Biology Instructor, Adjunct Faculty, Navarro College, Bi-Stone Center, Mexia, TX 1996-1998

Biologist, Bio-Monitoring Laboratory, Commonwealth Technology, Inc., Lexington, KY 1990-1993

Biological Aid Intern, National Park Service, Southeast Utah Group, 1990

PUBLICATIONS

Mullins, Melissa L., B.A. Pierce and K.J. Gutzwiller. *Assessment of Quantitative Enclosure Sampling of Larval Amphibians*. Journal of Herpetology, Vol.38. No. 2, pp.166-172, 2004. <http://www.jstor.org/stable/i270527>

Saunders, Kenneth S., G.W. Linam, T.A. Jurgensen, **M.L. Mullins**, A.S. Whisenant, and L. Brezina. *An Investigation of Off-Road Vehicle Impact on Nueces River Fish Assemblages in Uvalde and Zavala Counties, Texas*. River Studies Report No. 18, Texas Parks and Wildlife Department, February 2004. http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd_rp_t3200_1085.pdf

Mullins, Melissa L. and A.S. Whisenant. *Somerville Reservoir Water Quality Study*. Water Quality Technical Series WQTS-2004-02. Texas Parks and Wildlife Department, December 2004. http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd_rp_v3400_0067.pdf

Mullins, Melissa L. *Lake Waco Wetlands, more than just a mitigation project*. Texas Wetland News and Conservation Plan Update. Texas Parks and Wildlife Department, August 2004. http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd_br_r0400_0003_08_04.pdf

Schell, Nora, and **Melissa Mullins**. *Lake Waco Wetlands Project—more than just a mitigation project*. Land and Water, Vol. 49 No. 6, 2006. http://www.landandwater.com/features/vol49no6/vol49no6_2.php

Mullins, Melissa. *Exploring the World in a Drop of Wetland Water*. Texas Wetland News and Conservation Plan Update. July 2009. http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd_br_t3200_0003_07_09.pdf

Mullins, Melissa. *Frog Force Amphibian Malformation Monitoring*. Texas Nature Trackers Newsletter. Fall 2010.

Current Professional Associations and Certifications

Texas Amphibian Watch Volunteer Monitor
Scientific Dive Certification
Aquatic Resource Education Association
Project WET (Water Education for Teachers) Pharmaceuticals and Personal Care Products Working Group
Texas Stream Team Certified Water Quality Monitor
Project Wild Aquatic Facilitator
Science and Civics Facilitator
Wonders of Wetlands (Environmental Concern, Inc.) Facilitator
Project WET Facilitator
Biologist-in-Training (USFWS) Facilitator
Facing the Future Global Climate Change Educator certification
Leopold Education Project Educator certification

Recent Presentations and Courses/ Workshops taught

July 2010- NCCEP/ GEAR UP National Conference, Washington, D.C. Session Convener for “GEAR UP Waco-Making Hands-On Connections in Math, Science and Technology”

June 2010- Project WET facilitator training at the Lake Waco Wetlands

June 2010- Baylor University’s University for Young People “AquaExplorers”, an original course offering for gifted and talented middle-school students

May 2010- Baylor Lifelong Learning in Retirement “A Citizen’s Watershed Academy”, an original course offering

January 2010- Project Webfoot Teacher Training, Lake Waco Wetlands

November 2008- Aquatic Resource Education Association, Corpus Christi, Texas “Marsh Madness, a hands-on science experience in a wetland environment”

Recent Awards and Recognition

Texas Commission on Environmental Quality Environmental Excellence Award for Environmental Education 2010 to the Lake Waco Wetlands Education Team (City of Waco, Baylor University and U.S. Army Corps of Engineers)

Wetland Restoration Institute (Sept. 2010) Participant (by application), 60 hours of continuing education (University of KY) in topics including restoring and creating habitat wetlands and stream restoration

Environmental Educator of the Year, 2009, Keep Waco Beautiful

Recent Grants Funded

Baylor/ Waco Foundation “Enhancing Life in Central Texas” Grant, 2008, \$19,254 to construct educational boardwalks, develop the picnic area, and fund field trips to the Lake Waco Wetland

Glasscock Endowed Fund of Excellence, 2010, “Eastland Lakes Science Challenge”, \$ 6,890 to use Baylor student mentors (undergraduates) to develop and implement a GPS adventure race and ropes course experience for area low-income middle school students