

# Amanda C. Turley

OFFICE SCIENCE BUILDING (STC) 242  
TEXAS A&M UNIVERSITY-COMMERCE  
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## ACADEMICS

Texas A&M University –Commerce  
Masters of Science, Biology Spring 2013-Present

Masters of Science, Secondary Education, Focus Biology Spring 2012-Fall 2012  
Degree Awarded Fall 2012 GPA 4.0

University of North Texas  
Masters of Science, Biology Fall 2010-Fall 2011  
Incomplete-Transferred to Texas A&M-Commerce GPA 3.809

Bachelors of Science 2006-2010  
Major: Biology GPA 3.586  
Minor: Chemistry Cum Laude  
Honors College Distinguished Scholar  
Honors Thesis: Spring 2009  
Anatomical and Morphological Effects of Flooding on *Sesbania herbaceae*

## RESEARCH

Habitat Suitability Model of Vireo Belli (Bell's Vireo), 2013-Present  
Jeffery Kopachena PhD. Mentor

Plant Ecology Research Group, 2008-2011  
Kevin Stevens PhD, mentor

- ◆ GIS Mapping/Monitoring of Research Sites
- ◆ Trimble GPS in field mapping of Research Sites
- ◆ Wetland Development and Management of Grand Prairie Landfill Oxbow
- ◆ Maintained Greenhouses, Cultivated Plants, Maintained Rhizobium cultures

Fundamental Neuroscience Research Lab, Jannon Fuchs PhD, mentor 2006-2007

## WORK EXPERIENCE

Texas A&M University – Commerce Fall 2012-Present

- ◆ Geospatial Mapping BCS 417

Dallas County Community College District (North Lake Campus)  
Adjunct Faculty Biological Sciences Spring 2012-Present

- ◆ Introductory Biology Majors Lab Instructor
- ◆ Science Learning Center Tutor

University of North Texas

Graduate Teaching Assistant Fall 2010-Fall 2011

- ◆ Microbiology Lab Instructor Fall 2010-Fall 2011
- ◆ Majors Biology II Grader Spring 2011
- ◆ Ecology Grader Fall 2011

Undergraduate Research Assistant-REU Summer 2009-Summer 2010

- ◆ Wetland Development and Management of Grand Prairie Landfill Oxbow Site
- ◆ ARC GIS Mapping/Monitoring of Wetland Sites
- ◆ Assessment of Clear Creek and Greenbelt Fauna
- ◆ Trimble GPS Mapping Assessments of Clear Creek and Greenbelt
- ◆ Coordination with UNT Engineering Department for REU research project
- ◆ Composed educational booklet for Clear Creek Natural Heritage Center, Elementary Student Outreach Program

Sam's Club, McKinney 2007-Present  
Optician

- ◆ Provide customer education on eye health and proper eye care
- ◆ Assist in selection of eyewear based on lifestyle and eyewear needs
- ◆ Custom fit and provide quality control for all orders

### **AWARDS**

- ◆ Honors College member 2006-Present
- ◆ Board of Regents Scholar 2006-2010
- ◆ National Society of Collegiate Scholars 2007-Present
- ◆ Dean's List Fall 2006
- ◆ President's List Spring 2007

### **SCHOLARSHIPS/GRANTS**

- ◆ Beth Baird Tuition Scholarship Fall 2010-Fall 2011
- ◆ UNT Tuition Grant Fall 2010-Fall 2011
- ◆ CAS Travel Grant Fall 2010
- ◆ SGA Travel Grant Fall 2010, Spring 2011
- ◆ UNT Tuition Scholarship Summer 2010
- ◆ Honors College Scholarship Spring 2006-Spring 2009
- ◆ Smart 4 Grant Spring 2009
- ◆ Smart 3 Grant Fall 2008
- ◆ Federal Pell Grant Fall 2006-Spring 2009
- ◆ Texas Public Education Grant Summer 2008
- ◆ ACG 2 Grant Fall 2007-Spring 2008
- ◆ ACG 1 Grant Fall 2006-Spring 2007
- ◆ Federal Supplemental Grant Fall 2006-Spring 2007
- ◆ Kohl's Kids Who Care Scholarship Fall 2006  
(Community Service Scholarship for High School Students)

## PROFESSIONAL PRESENTATIONS

- ◆ Texas A&M-Commerce Annual Research Symposium April 2013  
Habitat Suitability Model of *Vireo belli* (Bell's Vireo)
- ◆ Society of Environmental Toxicology and Chemistry May 2011  
Development of a Sensitive Toxicity Test for Macrophyte Stress Due To  
Environmental Contaminants of Aquatic Systems
- ◆ WaterWays 2010 & Fluid Frontier-International Conference March 2010  
Untitled Algae from Reservoir #16 for Portable Media Players  
Collaboration with Art Department fellows Cary Peppermint and Dr. Christine Nadir  
Interdisciplinary Project to Introduce Science in New Venues  
<http://www.art.unt.edu/cwetexas/about.html>
- ◆ Scholars Day Paper Presentation April 2009  
Anatomical and Morphological Responses to Flooding  
in *Sesbania Herbacea*
- ◆ Scholars Day Poster Presentation April 2007  
Centrosomes and Neuronal Cilia

## PROFESSIONAL MEMBERSHIPS

- ◆ Native Plant Society of Texas Fall 2011-Present
- ◆ Ecological Society of America Spring 2011-Present
- ◆ Society of Wetland Scientist Fall 2010-Present

## CONFERENCES

- ◆ Society of Environmental Toxicology and Chemistry May 2011
- ◆ Society of Wetland Scientist October 2010
- ◆ Society of Wetland Scientist October 2009

## ORGANIZATIONS

- ◆ GIS Club Advisor Fall 2012-Present
- ◆ Silvey Honors Society (UNT) Officer 2009-2011
- ◆ Professional Leadership Program (PLP) 2008-2009
- ◆ Eta Sigma Phi Officer 2008-2010  
(Students of Latin & Greek Honors Society)

## CERTIFICATIONS

- ◆ NIH Human Subjects Certification
- ◆ Hippa Certification
- ◆ ESRI GIS Geodatabase Certified
- ◆ ESRI GIS LIDAR Certified