

Lauren Andrea Kristofco

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EDUCATION

Baylor University, Waco, Texas

Anticipated Graduation December 2013

- Masters of Science Degree

Allegheny College, Meadville, Pennsylvania

August 2007 -- May 2011

- Bachelor of Science Degree; completing Double major in Biology and Spanish

- Overall GPA: 3.559/4.0

The Center for Cross-Cultural Studies, Seville, Spain

Summer 2009

- 7 week immersion program; adapted to the Spanish culture through University classes taught in Spanish and integration into a host family

PUBLICATIONS

Kristofco LA, Du B, Chambliss CK, Berninger JP, Brooks BW. In preparation. Interactive toxicity of diphenhydramine and acetylcholinesterase inhibitors in *Daphnia magna*.

Du B, Price AE, Scott WC, **Kristofco LA**, Ramirez AJ, Chambliss CK, Yelderman JC, Brooks BW. Accepted. Comparative Analysis of Contaminants of Emerging Concern Discharged from a Centralized Municipal Wastewater Treatment Plant and On-site Wastewater Treatment Systems Receiving Common Wastewater Influent.

Brooks BW, Berninger JP, **Kristofco LA**, Ramirez AJ, Stanley JK, Valenti TW. 2012. Pharmaceuticals in the Environment: Lessons Learned for Reducing Uncertainties in Environmental Risk Assessment. In: Hogdson E (Ed). *Toxicology and Human Environments*, Elsevier. *Progress in Molecular Biology and Translational Science* 112: 231-258.

PROFESSIONAL PRESENTATIONS

Platform

Kristofco LA, Du B, Chambliss CK, Berninger JP, Brooks BW. Mammalian read across comparison of the effect of diphenhydramine and acetylcholinesterase inhibitor mixtures on *Danio rerio* during development. North American Society of Environmental Toxicology and Chemistry 34th Annual Meeting, Nashville, TN, USA, November 2013.

Du B, Haddad SP, Connors KA, Scott WC, **Kristofco LA**, Breed C, Broach L, Kelly M, Byars B, Chambliss CK, Brooks, BW Evaluation of bioaccumulation and therapeutic hazard of contaminants of emerging concerns in fish collected in Texas estuaries. North American Society of Environmental Toxicology and Chemistry 34th Annual Meeting, Nashville, TN, USA, November 2013.

Kristofco LA, Du B, Chambliss CK, Berninger JP, Brooks BW. Influence of diphenhydramine and acetylcholinesterase inhibitor mixtures on *Daphnia magna* and *Danio rerio*. Regional Society of Environmental Toxicology and Chemistry meeting in Houston, Texas, May 30 – June 1, 2013.

Du B, Price AE, Scott WC, **Kristofco LA**, Brooks, BW et al. Comparative Analysis of Contaminant of Emerging Concern Discharges from Common On-site Wastewater Treatment Systems 2013 NGWA Summit – The National and International Conference on Groundwater, San Antonio, TX, USA, April 2013.

Du B, Connors KA, Scott WC, **Kristofco LA**, Breed C, Byars B, Chambliss CK, Brooks, BW Evaluation of temporal influence on bioaccumulation of contaminants of emerging concern in aquatic organisms in estuaries along Gulf of Mexico. American Chemical Society 242nd National Meeting and Exposition, New Orleans, LA, USA, April 2013.

Du B, Connors KA, Scott WC, **Kristofco LA**, Breed C, Byars B, Chambliss CK, Brooks, BW Bioaccumulation of Pharmaceuticals and Other Contaminants of Emerging Concern in Aquatic Organisms in Estuary Area along Gulf of Mexico. Association for the Sciences of Limnology and Oceanography 2013 Aquatic Sciences Meeting, New Orleans, LA, USA, February 2013.

Du B, Price AE, Scott WC, **Kristofco LA**, Ramirez AJ, Chambliss CK, Yelderman JC, Brooks BW. Comparative Analysis of Contaminant of Emerging Concern Discharges from a Centralized Municipal Treatment Plant and On-site Wastewater Treatment Systems Receiving Common Wastewater Influent. Society of Environmental Toxicology and Chemistry Regional, Waco, TX. May 31- June 2, 2012.

Du B, Price AE, Scott WC, **Kristofco LA**, Ramirez AJ, Chambliss CK, Yelderman JC, Brooks BW. Comparative Analysis of Contaminant of Emerging Concern Discharges from a Centralized Municipal Treatment Plant and On-site Wastewater Treatment Systems Receiving Common Wastewater Influent. Society of Environmental Toxicology and Chemistry Europe, Berlin, Germany. May 20-24, 2012.

Poster

Kristofco LA, Du B, Chambliss CK, Berninger JP, Brooks BW. Influence of diphenhydramine and acetylcholinesterase inhibitor mixtures on *Daphnia magna* and *Danio rerio*. Society of Environmental Toxicology and Chemistry Europe Meeting, Glasgow, Scotland, UK. May 12-16, 2013.

Kristofco LA, Du B, Chambliss CK, Berninger JP, Brooks BW. Comparative pharmacology and toxicology: Interactive toxicity of diphenhydramine and acetylcholinesterase inhibitors in fish and invertebrate models. SETAC National Meeting, Long Beach, CA, USA. November 11-15, 2012.

Kristofco LA, Maranda L. *Ulva* spore adhesion on Treated Optically Clear Surfaces. ASLO Aquatic Sciences Meeting, San Juan, Puerto Rico. February 13-18, 2011.

TEACHING EXPERIENCE

Graduate Teaching Assistantship: Introduction to Environmental Analysis: Baylor University, Waco, TX
Fall'11, Spring '12

GRANTSMANSHIP

C. Gus Glasscock, Jr. Endowed Fund of Excellence \$5,000 - 2012

SETAC carbon-offset grant "Carbon sequestration and shoreline re-vegetation of Lake Waco, Waco, Texas USA" \$3,200 - 2012

HONORS AND AWARDS

2012 2nd place Master's Poster Presentation, SETAC NA Conference in Long Beach, CA

2012 SETAC / EA Engineering Jeff Black Award

2011 Honors – Undergraduate Biology Thesis

Allegheny College

Advisor: Dr. Bradley Hersh

Thesis Title: "The Interaction between the Innate Immune Response and Innexin Family Proteins in *D. melanogaster*"

2011 Honors – Undergraduate Spanish Thesis

Allegheny College

Advisor: Dr. Barbara Riess

Thesis Title: “¿Mano de obra sin trabajadores?: La representación del inmigrante en las obras de Alex Rivera”

2010 Summer Undergraduate Research Fellow in Oceanography (SURFO)

Graduate School of Oceanography, University of Rhode Island Advisor: Dr. Lucie Maranda

Project Title: “*Ulna* spore adhesion on treated optically clear surfaces”

AFFILIATIONS

2012-Present Society of Environmental Toxicology and Chemistry (SETAC)

2011-2012 American Society of Limnology and Oceanography (ASLO)

SERVICE

BU Student Chapter of SETAC President 2013-2014

BU Student Chapter of SETAC Public Relations Officer, Founding member 2012-2013

Environmental Science Representative for the Graduate Student Association of Baylor University 2012-2013

Environmental Education volunteer in Dallas, TX for the JBS Wetlands Academy August 2012