

ASHLEY L. BOLDEN
ashleybolden@tds.net

EDUCATION

Colorado Mesa University, Grand Junction, CO
B.A in Spanish- Applied Professional (2016 anticipated)

University of Colorado, Boulder, CO
M.S. in Integrative Physiology (2009)
Thesis: "An environmentally-relevant physiological assessment of estrogenicity following a wastewater treatment plant upgrade"

University of Colorado, Boulder, CO
B.A. in Integrative Physiology (2007)

AWARDS

Best Student Poster, Society of Environmental Toxicology and Chemistry (SETAC) (Apr 2009)
Exceptional Research Opportunities Programs Scholar, Howard Hughes Medical Institute (Jun 2007 – Aug 2007)
Overall Excellence as a New Instructor Assistant, University of Colorado, Boulder (SASC) (Dec 2006)
Undergraduate Research Program Scholar, National Institute of Health/ Howard Hughes Medical Institute (May 2005 – May 2007)

POSITIONS

The Endocrine Disruption Exchange, Paonia, CO
Research Associate **May 2011- present**

Denver Health Medical Center, Denver, CO
Research Assistant I- "Traumatic Brain Injury Laboratory" **Jun 2010- Jun 2011**

Department of Integrative Physiology, University of Colorado, Boulder, CO
Research Assistant- "Comparative Environmental Endocrinology Laboratory" **Aug 2007 – Dec 2009**

Fred Hutchinson Cancer Research Center, Seattle, WA
HHMI/ EXROP Undergraduate Research Fellow **Jun 2007 – Aug 2007**

Department of Molecular, Cellular and Developmental Biology, University of Colorado, Boulder, CO
Undergraduate Laboratory Assistant- "Epstein-Barr Virus and Immunology Laboratory" **Mar 2006 – May 2007**

Department of Integrative Physiology, University of Colorado, Boulder, CO
NIH/ HHMI Undergraduate Research Fellow **May 2005 – May 2007**

TEACHING EXPERIENCE

University of Colorado, Boulder, CO
Teaching Assistant- "Immunology" **Jul 2009 – Aug 2009**
Science Squad Team Member- "Presentations on Endocrine Disruptors, Nutrition, and DNA" **Aug 2008 – May 2009**
Teaching Assistant- "Endocrinology and Immunology" **Aug 2007 – May 2008**
Math Instructor Assistant- "Calculus" **Aug 2006 – Dec 2006**
Instructor Assistant- "General Biology" **Jun 2006 – Jul 2006**

CERTIFICATIONS AND OTHER TRAINING

The Institute for Statistics Education, Arlington, VA
Meta-Analysis I and Meta-Analysis II (2014)

University of Colorado Health Sciences Center Anschutz, Aurora, CO
Basic Handling Techniques with Rodents (2010)

PRESENTATIONS AND POSTERS

"The role of natural antibodies in the pathophysiology of traumatic brain injury"
Poster presented at the Annual Translational Neuroscience Conference, Denver, CO, 2010.

"An environmentally-relevant physiological assessment of estrogenicity following a wastewater treatment plant upgrade"
Poster presented at the Annual Society of environmental toxicology and chemistry Meeting, Denver, CO, 2009.

"Identification of variant hepatocyte nuclear factor 1 (Vhnf1) non-coding regulatory elements"

Poster presented at the Annual Exceptional Research Opportunities Meeting, Washington D.C, 2008.

PUBLICATIONS

Bolden AL, Kwiatkowski CF, Colborn T. New look at BTEX: Are ambient levels a problem? *Environmental Science and Technology*. 2015 Apr 15; doi: 10.1021/es505316f

Rochester JR, and Bolden AL. Bisphenol S and F: A Systematic Review and Comparison of the Hormonal Activity of Bisphenol A Substitutes. *Environmental Health Perspectives*. 2015 Mar 16

Neher MD, Rich MC, Keene CN, Weckbach S, Bolden AL, Losacco JT, Patane J, Flierl MA, Kulik L, Holers VM, Stahel PF. Deficiency of complement receptors CR2/CR1 in Cr2^{-/-} mice reduces the extent of secondary brain damage after closed head injury. *Journal of Neuroinflammation*. 2014 May 24;11:95. doi: 10.1186/1742-2094-11-95.

Weckbach S, Neher M, Losacco JT, Bolden AL, Kulik L, Flierl MA, Bell SE, Holers VM, Stahel PF. Challenging the role of adaptive immunity in neurotrauma: Rag1^(-/-) mice lacking mature B and T cells do not show neuroprotection after closed head injury. *Journal of Neurotrauma*. 2012 Apr 10; 29(6):1233-42. doi: 10.1089/neu.2011.2169.

Vajda A, Barber L, Gray J, Lopez E, Bolden A, Schoenfuss H, Norris D. 2011. Demasculinization of male fish by wastewater treatment plant effluent. *Aquatic Toxicology*. 103(3-4): 213-221.