

RYAN C. GOTT

University of Maryland, Department of Entomology
4112 Plant Sciences Building
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EDUCATION

**University of Maryland, College of Computer, Mathematical, and Natural Sciences
Department of Entomology, College Park, MD**

Doctor of Philosophy in Entomology, May 2016 (expected)
Co-advisors: Dr. William Lamp and Dr. David Hawthorne

Purdue University, College of Science, West Lafayette, IN

Bachelor of Science, May 2011
Major in Biological Sciences

RESEARCH EXPERIENCE

Graduate Research Assistant

University of Maryland, August 2011 – present

Labs of Dr. William Lamp and Dr. David Hawthorne

Research Assistant

Purdue University, May 2009 – December 2010

Lab of Dr. Maria Sepulveda

REFEREED PUBLICATIONS

Ryan C. Gott, Yangchao Luo, Qin Wang, and William O. Lamp. 2014. Development of a biopolymer nanoparticle-based method of oral toxicity testing in aquatic invertebrates. *Ecotoxicology and Environmental Safety* 104, 226-230.

PROFESSIONAL PRESENTATIONS

Oral Presentation: The *Hyalella azteca* transcriptome and its application to genetic biomarkers.

Ryan C. Gott

Entomological Society of America, 2014, Portland, OR

Poster Presentation: Development of a biopolymer-based Tier-1 assay for effects of plant-incorporated protectants (PIPs) in aquatic systems on leaf-consuming shredders.

Ryan C. Gott, William O. Lamp, and Qin Wang

Entomological Society of America, 2013, Austin, TX

Poster Presentation: Development of a biopolymer-based Tier-1 for effects of plant-incorporated protectants (PIPs) in aquatic systems on leaf-consuming shredders.

Ryan C. Gott, William O. Lamp, and Qin Wang

Ecosystem Services Symposium, 2013, Wye Research and Education Center, Queenstown, MD

Poster Presentation: Development of a Tier-1 assay for plant-incorporated protectants (PIPs) in aquatic systems on leaf-consuming shredders.

Ryan C. Gott and William O. Lamp

Entomological Society of America, 2012, Knoxville, TN

MEDIA COVERAGE

“Nanoparticles help to assess aquatic toxicity.” Emma Davies, ChemicalWatch Global Risk & Regulation News, 24 April 2014.

GRANTS, FELLOWSHIPS, AND HONORS

AAAS/*Science* Program for Excellence in Science, October 2015

Maryland Agricultural Experimental Station Grant, January 2015 – June 2016

University of Maryland, Entomology Student Organization Charlie Mitter Travel Award, January 2015

University of Maryland, Department of Entomology Gahan Fellowship, August 2013 – August 2014

University of Maryland, Graduate School Summer Graduate Research Fellowship, May 2013 – August 2013

University of Maryland, Department of Entomology Gahan Fellowship, August 2012 – August 2013

Maryland Water Resources Research Center, Summer Graduate Student Fellowship, May 2012 – August 2012

MENTORING EXPERIENCE

University of Maryland, Department of Entomology

Mentored 4 undergraduates as of 2015 in research projects involving learning lab techniques, molecular biology protocols, and fundamental understanding of areas including molecular biology, entomology, toxicology, and ecology

TEACHING EXPERIENCE

Teaching Assistant

University of Maryland, August 2011 – August 2015

Courses taught: BSCI 105 – Principles of Biology I (lab), BSCI 106 – Principles of Biology II (lab), BSCI 126 – Pollinators in Crisis, BSCI 467 – Freshwater Biology

Teaching Assistant

Purdue University, August 2009 – December 2010

BIOL 13500 – Biology Lab for Biology Majors

TEACHING HONORS

University of Maryland, Department of Entomology Special Distinction in Teaching Award, for academic year of 2013-2014

University of Maryland, Department of Entomology Graduate Teaching Award, for academic year of 2011-2012

OUTREACH

Co-chair, Student Affairs Committee
Eastern Branch, Entomological Society of America
April 2014 – April 2015

Organizer, The World of Arthropods
Howard County STEM Festival, Columbia, MD
June 2014

Volunteer, O. Orkin Insect Zoo, Butterfly Pavilion
Smithsonian National Museum of Natural History, Washington, DC
April 2014 – April 2015

Volunteer, Planet Invertebrata
USA Science and Engineering Festival, Washington, DC
May 2014

President, Entomology Student Organization
University of Maryland, Department of Entomology
August 2013 – August 2014

Vice President, Entomology Student Organization
University of Maryland, Department of Entomology
August 2012 – August 2013

Volunteer, Maryland Day campus-wide community outreach event
“Discover the Swamp” and “Insect Zoo” activities
University of Maryland, Department of Entomology
Spring 2012, '13, '14, '15

PROFESSIONAL AFFILIATIONS

Entomological Society of America
Society of Environmental Toxicology and Chemistry
American Association for the Advancement of Science

ACADEMIC HONORS

Member of Phi Beta Kappa Honors Society, June 2011