

CHELSEY M. VANDRISSE

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EDUCATION

Ph.D., Microbiology

University of Georgia, Athens, GA, 2012-present

B.S., Microbiology, Minor: Leadership

University of Minnesota, Minneapolis, MN, 2008-2012

RESEARCH

2012-present **Jorge C. Escalante-Semerena, Ph.D.** U. Ga. Graduate Research Assistant:
Determining the role and specificity of acetylation in prokaryotes.

2010-2012 **Jeffrey Gralnick, Ph.D.** U. Mn. Undergraduate Research Assistant: Exploring
the roles of electron transfer and formate metabolism in *Shewanella oneidensis*.

Sum. 2011 **Duane Moser, Ph.D.** UNLV. NSF-REU Undergraduate Fellow: Studying the
origin of ancient coprolites in the Great Basin area.

AWARDS

2015 ASM 115th General Meeting Outstanding Student Poster

2015 Microbiology Three-minute Thesis Travel Award, U. Ga.

2014 NSF Graduate Research Fellow Program Honorable Mention

2012 Undergraduate Research Opportunities Program Award, U. Mn

2011 NSF-REU Fellow, UNLV

2011 Undergraduate Research Opportunities Program Award, U. Mn

PRESENTATIONS

Oral Presentations

“Specificity of protein acetyltransferases in *Rhodopseudomonas palustris*, and their effects on the degradation of aromatic compounds.” Dept. of Microbiology, U. Ga. September 2, 2014.

Poster Presentations

VanDrise, C.M., and J.C Escalante-Semerena. “Insights into the role of the putative acetyltransferase, BadL, in *Rhodopseudomonas palustris* during growth on benzoate.” American Society of Microbiology (ASM) General Meeting. New Orleans, LA. May 30-June 2, 2015.

VanDrise, C.M., Brutinel, E., Gralnick, J.A. “The role of formate dehydrogenase and the formate transporter FocA protein in *Shewanella oneidensis*.” Undergraduate Research Symposium. Minneapolis, MN. May 2012.

VanDrise, C.M., Moser, D.P., “Investigating the origin of coprolites from three great basin caves.” Research Experience for Undergraduates Research Symposium. Las Vegas, Nevada. August 2011.

VanDrisse, C.M., Gralnick, J.A. “Investigating the Formate Dehydrogenases of *Shewanella oneidensis*.” Undergraduate Research Symposium. Minneapolis, MN. May 2011.

TEACHING

Teaching Assistant, U. Ga. MIBO3510L “Introductory Microbiology Lab,” Fall 2014, 2 sections.
Spring 2015, 2 sections.

Teaching Assistant, U. Mn. BIOL1805 “Nature of Life,” Summer 2010; PA1961W “Personal Leadership in the University,” Fall 2010.

MENTORING EXPERIENCE

2011 High school student, UNLV

2015 Tutor to Ann Centner, U. Ga.

PROFESSIONAL DEVELOPMENT

2012-present Pursuing Interdisciplinary Certificate in University Teaching, U. Ga.

2014 Franklin College of Arts and Sciences Fee Allocation Committee Member, U. Ga.

2013 University of Florida Comparative Genomics Workshop

DEPARTMENTAL SERVICE

2014-2015 President of Microbiology Graduate Student Association, U. Ga.

2015 Assistance in execution of Microbiology Recruitment, U. Ga.

2014 Editor for Nursing Microbiology Laboratory Manual, U. Ga.

2012-2015 Student Host, Department of Microbiology, U. Ga.

OUTREACH

Judge, Young Dawgs Program, 2013-present, U. Ga. Providing feedback to high school student presentations on laboratory research.

Judge, Georgia Science and Engineering Fair, March 22, 2013. Secondary judge for middle and high school student research poster presentations.

Mentor, Leadership Without Limits, June 7, 2013, U. Ga. Mentored children of Hispanic migrant workers in a laboratory session titled, “Isolate and identify microbes that generate biofuel.”

Mentor, Girls Inc., June 8, 2013, U. Ga. Mentored underrepresented young women in laboratory skills

PROFESSIONAL SOCIETY

2014-present American Society for Microbiology Student Member