

Kristen R. Farley

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Athens, GA 30605
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Education

B.S. Microbiology & Cellular Biology, expected May 2015
University of Georgia, Athens, GA
A.A. Biology, May 2013
Georgia Perimeter College, Covington, GA

Research/Laboratory Experience

Sept. 2013-Present **Diana M. Downs, Ph.D.** University of Georgia Undergraduate Research
Assistant: Metabolic robustness and redundancy surrounding thiamine
biosynthesis in *Salmonella enterica* and *Escherichia coli*
May 2011-April 2013 **Matthew M. Morgan, Ph.D.** Georgia Perimeter College Chemistry
Laboratory Assistant

Publications

Bazurto, J.V., **K.R. Farley**, D.M. Downs. (2015) *Escherichia coli* Uses an IlvA/TrpD-Dependent
Mechanism Uncovered in *Salmonella enterica* for PurF-Independent Thiamine Synthesis in
the Presence of RidA. In Preparation.

Presentations

Oral Presentations

“*Salmonella enterica* and *Escherichia coli* can Exploit Diverse Pathways to Form Vitamin B₁ in the Cell”
Center for Undergraduate Research Opportunities (CURO) Spring 2014 Symposium
University of Georgia, April 2014

Poster Presentations

K. R. Farley, J. V. Bazurto and D.M. Downs. “Phosphoribosylamine (PRA) is formed by Multiple
Mechanisms in *Escherichia coli*.” American Society for Microbiology (ASM) Southeastern
Microbiology Summit. Jacksonville, FL. September 2014

Teaching/Mentoring

Peer Mentor, University of Georgia BIOL 1107 “Introductory Biology.” Spring 2015
Tutor, University of Georgia MIBO 3500 “Introductory Microbiology,” Fall 2014
Student Exam Grader, University of Georgia CBIO 3400 “Cell Biology,” Fall 2014
Honors Teaching Assistant, University of Georgia HONS 1000H “Introduction to Honors,”
Fall 2014

Volunteer Experience

August 2013-July 2014 Athens Regional Medical Center, Athens, GA
December 2013 Kashi Atlanta Street Meals, Atlanta, GA
October 2012-June 2013 A Friend's House, McDonough, GA

Academic Achievements and Awards

Sept. 2014 Special Distinction Presenter, American Society for Microbiology (ASM)
Southeastern Microbiology Summit
Fall 2014 Center for Undergraduate Research (CURO) Research Assistantship
2013-2015 University of Georgia Honors Program
2011-2013 Phi Theta Kappa Honors Society, Georgia Perimeter College