

Jennifer C. Dennis-Wall, Ph.D.  
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### **Professional Summary:**

I am a driven researcher interested in improving health outcomes and quality of life in people of all ages and health status. My doctoral program prepared me for work in clinical research including design and formal proposal of a research project, coordination and management using GCP guidelines, data management and analysis using various statistical software packages, and publication of results.

### **Education:**

2018 Ph.D. in Nutritional Sciences, University of Florida  
Alumni Graduate Fellowship recipient  
2013 B.S. in Biology, minor in Chemistry, University of North Texas  
*Magna cum laude*

### **Work Experience:**

2018-current Lead Scientific Writer, Biorasi

- Plan, write, and publish original content
- Perform research on primary and secondary sources to create more powerful marketing materials
- Guide the company on latest trends and best practices in implementing a best-in-class content marketing program
- Work with thought leaders, internal and external, to develop presentations, panel discussion points, webinar notes, and speaker remarks

### **Research Experience:**

2014-2018 Graduate research under Dr. Bobbi Langkamp-Henken, UF

- Immune and gastrointestinal responses to probiotic- and prebiotic-mediated changes in the intestinal microbiota of healthy adults
- Designed, coordinated, analyzed data, and completed final reports for many clinical studies
- Trained and managed teams of 20-30 study coordinators

2011-2013 Undergraduate research under Dr. Pamela Padilla, UNT

- Molecular and genetic responses to oxygen-related stresses in *Caenorhabditis elegans*
- Designed experiments, maintained data sets and laboratory protocols, analyzed results

2013-2014 Student laboratory manual composition with Dr. Sushama Dandekar, UNT

- Evaluated experimental design for the purpose of teaching scientific concepts, developed technical writing skills

### **Publications:**

In preparation Combs TM, **Dennis-Wall JC**, Langkamp-Henken B. Characterization of perimenstrual gastrointestinal function and symptoms in healthy adult women: a prospective observational study. In final preparation.

- Submitted Culpepper T, Rowe CC, Rusch CT, Burns AM, Federico AP, Girard S-A, Tompkins TA, Nieves, Jr. C, **Dennis-Wall JC**, Christman MC, Langkamp-Henken B. Three probiotic strains exert different effects on plasma bile acid profiles in healthy obese adults: a randomised, double-blind, placebo-controlled crossover study. Submitted to *Benef Microbes*.
- Under review **Dennis-Wall JC**, Burns AM, Solch RJ, Ukhanova M, Dahl WJ, Christman MC, Boileau T, Brauchla M, Shin J-E, Nieves, Jr. C, Mai V, Langkamp-Henken B. A beverage containing orange pomace increases stool frequency in healthy adults: a randomized, blinded, controlled trial. Under review at *J Nutr*.
- 2018 Burns AM, Solch RJ, **Dennis-Wall JC**, Ukhanova M, Nieves, Jr. C, Mai V, Christman MC, Gordon DT, Langkamp-Henken B. In healthy adults resistant maltodextrin produces a greater change in fecal bifidobacteria counts and increases stool wet weight: a double-blind, randomized, controlled crossover study. *Nutr Res* 2018; 60:33-42.
- 2017 **Dennis-Wall JC**, Culpepper T, Nieves, Jr. C, Rowe CC, Burns AM, Rusch CT, Federico A, Ukhanova M, Waugh S, Mai V, Christman MC, Langkamp-Henken B. Probiotics (*Lactobacillus gasseri* KS-13, *Bifidobacterium bifidum* G9-1, and *Bifidobacterium longum* MM-2) improve rhinoconjunctivitis-specific quality of life in individuals with seasonal allergies: a double-blind, placebo-controlled, randomized trial. *Am J Clin Nutr* 2017;105(3):758-67.
- 2016 **Dennis JC**, Culpepper T, Nieves, Jr. C, Ukhanova M, Mai V, Christman MC, Langkamp-Henken B. Probiotics (*Lactobacillus gasseri* KS-13, *Bifidobacterium bifidum* G9-1, and *Bifidobacterium longum* MM-2) and health-related quality of life in individuals with seasonal allergies. *FASEB J*, 2016; 30:916.17.

#### **Presentations:**

- 2018 Combs TM, **Dennis-Wall JC**, Langkamp-Henken B. Bowel habits and quality of life differ between two phases of the menstrual cycle in healthy adult women. Poster presentation: 2018 University Scholars Symposium, University of Florida, Gainesville, FL.
- 2018 Pea D, Langkamp-Henken B, **Dennis-Wall JC**, Ukhanova M, Mai V. The effects of orange pomace on gut microbiota. Poster presentation: Public Health and Health Professions Research Day 2018, University of Florida, Gainesville, FL.
- 2016 **Dennis JC**, Culpepper T, Nieves, Jr. C, Ukhanova M, Mai V, Christman MC, Langkamp-Henken B. Probiotics (*Lactobacillus gasseri* KS-13, *Bifidobacterium bifidum* G9-1, and *Bifidobacterium longum* MM-2) and health-related quality of life in individuals with seasonal allergies. Poster presentation: Gut Health, Microbiota & Probiotics throughout the Lifespan: Metabolic & Brain Function, Boston, MA 2016.
- 2016 **Dennis JC**, Culpepper T, Nieves, Jr. C, Ukhanova M, Mai V, Christman MC, Langkamp-Henken B. Probiotics (*Lactobacillus gasseri* KS-13, *Bifidobacterium bifidum* G9-1, and *Bifidobacterium longum* MM-2) and health-related quality of life in individuals with seasonal allergies. Poster presentation: Experimental Biology, San Diego, CA 2016.
- 2012 **Dennis JC**, Little BA, Padilla PA. EGL-9 Function is Required to Produce Viable Offspring from Animals Exposed to Chronic Hypoxia. Poster presentation: *C. elegans* "Aging, Metabolism, Stress, Pathogenesis, and Small RNAs" topic meeting, Madison, WI 2012.

2012            **Dennis JC**, Padilla PA. The Role of the EGL-9/HIF-1 Pathway in Chronic Hypoxia in the model *Caenorhabditis elegans*. Poster presentation: UNT Scholars Day 2012.

**Teaching and Mentoring Experience:**

2016-2018    Supervisor of undergraduate thesis projects

- Mentored students through project design, analysis, and publication

2014-2018    Teaching assistant

- Lectured on select topics
- Designed and updated course assignments
- Reviewed and wrote exam questions

2012-current Private tutor (paid position): math, physics, chemistry, biology, writing, grammar

2011-2013    Study group leader (volunteer position, recruited by professor), Organic Chemistry

**Software Proficiency:**

SAS  
JMP  
R  
SigmaPlot  
Some exposure to QIIME2 and Python

**Additional Coursework:**

2017            Applied Statistics II  
2016            Immunology  
2015            Prokaryotic Cell Structure and Function  
2015            Meta-Analysis in Prevention and Intervention Science (UF College of Education)  
2015            Introduction to Applied Statistics  
2014            Research Planning

**Certifications:**

HIPAA, CITI, IRB-01, Bloodborne pathogens/biomedical waste, FERPA

**Professional Affiliations:**

2017-current Council of Science Editors, Worldwide Student Member  
2015-current American Society for Nutrition, Student Member

**Awards and Honors:**

2016            Graduate Student Council Travel Grant, UF  
2016            Three Minute Thesis Competition Finalist, Graduate School, UF  
2015            A. S. Herlong, Sr. Graduate Scholarship, Food Science and Human Nutrition Dept., UF  
2014            Alumni Graduate Fellowship, Food Science and Human Nutrition Dept., UF  
2013            Outstanding Senior Award, Dept. of Biological Sciences, UNT  
                    Awarded to 2 out of 292 graduating seniors  
2012            Undergraduate Research Fellowship Award, Office of Research and Economic Development, UNT (20 total fellowships awarded)  
2012            Tracy Lynn Quay Memorial Scholarship Award, Dept. of Biological Sciences, UNT  
2009-2013    President's List & Dean's List, UNT

2009-2012 Board of Regents President Scholarship Award, UNT  
2009-2012 Texas Higher Education Coordinating Board Top 10% Scholarship Award  
2009 UNT Achievement Scholarship Award

**Special Interests:**

Bioinformatics and multivariate statistics  
Public health policy  
STEM education and outreach  
Social and behavioral psychology  
Technical and persuasive writing

**Professional References:**

Available upon request