

Jennifer C. Dennis-Wall, Ph.D.

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Professional Summary:

My favorite part of research is synthesizing findings into meaningful conclusions that can be used by both scientists and non-scientists. I have years of experience preparing research-related documents, including grant proposals, literature reviews, regulatory documents, oral presentations, poster presentations, and scientific publications. My doctoral program provided me with a great understanding of the research process, allowing me to consider important strengths and limitations of studies when reporting on scientific findings.

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

Research Experience:

- 2014-current 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:

- Submitted 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 compared with placebo and increases stool wet weight: a double-blind, randomized, crossover clinical trial. Submitted to Nutr Res (Apr 2018).
- 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-current Supervisor of undergraduate thesis projects

- Mentored students through project design, analysis, and publication

2014-current 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:

Microsoft Office
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:

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

Professional References:

Available upon request