

ANDREA J. LOBENE, PhD, RD

Assistant Professor
Department of Health, Nutrition & Food Sciences
Anne Spencer Daves College of Education, Health, and Human Sciences
Florida State University, Tallahassee, FL
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EDUCATION and TRAINING

- 2020-2023 **The University of Delaware, Newark, DE, USA**
Postdoctoral Researcher, Cardiovascular Nutrition Lab, Kinesiology and Applied Physiology
Mentor: Shannon Lennon, PhD, RD, Professor
- 2016-2020 **Purdue University, West Lafayette, IN, USA**
Doctor of Philosophy, Nutrition Science
Mentor: Kathleen Hill Gallant, PhD, RD, CD, FAND, Assistant Professor and Director, Didactic Program in Dietetics
Dissertation: Sodium and related mineral intake in chronic disease
- 2014-2016 **The University of Georgia, Athens, GA, USA**
Dietetic Internship
- 2014-2016 **The University of Georgia, Athens, GA, USA**
Master of Science, Foods and Nutrition
Mentor: Richard Lewis, PhD, RD, FACSM, UGA Foundation Professor in Family and Consumer Sciences
Thesis: Zinc supplementation and insulin secretion in children
- 2010-2014 **The University of Georgia, Athens, GA, USA**
Bachelor of Science in Family and Consumer Science, Dietetics
Spanish Minor
Mentor: Richard Lewis, PhD, RD, FACSM, UGA Foundation Professor in Family and Consumer Sciences
Thesis: The relationships between zinc and bone strength in healthy children
Summa cum laude; with highest honors

ACADEMIC POSITIONS

- 2023-present Assistant Professor, Department of Health, Nutrition & Food Sciences, Anne Spencer Daves College of Education, Health, and Human Sciences, Florida State University
- 2022-2023 Postdoctoral Leadership Fellow, Graduate College, The University of Delaware
- 2020-2023 Postdoctoral Researcher, Department of Kinesiology and Applied Physiology, The University of Delaware
- 2019-2020 Indiana Clinical and Translational Sciences Institute Predoctoral Fellow, Purdue University

Andrea Lobene CV

- 2017-2020 Graduate Teaching Assistant, Department of Nutrition Science, Purdue University
- 2016-2019 Graduate Research Assistant, Department of Nutrition Science, Purdue University
- 2014-2016 Graduate Teaching Assistant, Department of Foods and Nutrition, The University of Georgia

CERTIFICATIONS

- Nutrition Data System for Research (NDSR) Certification, Nutrition Coordinating Center, University of Minnesota, August 2024
- Heartsaver® CPR, AED, and First Aid Certification, American Heart Association, July 2024-present
- Leveraging Equity And Diversity (LEAD) Ally Certificate Program, Advanced Tier, University of Delaware, 2020
- ServSafe® Food Protection Manager Certification, 2020-present
- Graduate Teaching Certificate, Center for Instructional Excellence, Purdue University, 2018
- Graduate Instructional Development Certificate, Center for Instructional Excellence, Purdue University, 2017
- Registered Dietitian Nutritionist (Registration #86015133), Commission on Dietetic Registration, 2016-present

ADDITIONAL TRAINING and PROFESSIONAL DEVELOPMENT

- Nutrition Data System for Research (NDSR) Training Workshop, Nutrition Coordinating Center, University of Minnesota, June 2024
- Writing Winning Grant Proposals, presented by Dr. John D. Robertson of Grant Writers' Seminars & Workshops, LLC; University of Delaware, June 2023
- Mary Frances Picciano Dietary Supplement Research Practicum; Office of Dietary Supplements, May 2023
- NIH Proposal Academy (auditing); University of Delaware Research Office, 2022-2023
- Scientific Writing from the Reader's Perspective, delivered by Dr. George Gopen; Purdue University, October 2019
- Causal Inference in Behavioral Obesity Research Short Course, Hosted by Dr. David Allison; Indiana University School of Public Health-Bloomington, July 2019
- Using National Dietary Data: Building Blocks to Expand Your Research Portfolio, Nutrition 2019 Preconference Workshop; Baltimore MD, June 2019

PUBLICATIONS in PEER-REVIEWED JOURNALS

Ramos Gonzalez M, Smiljanec K, Mbakwe AU, **Lobene AJ**, Polling RT, Farquhar WB, Lennon SL. Sex influences blood pressure but not blood pressure variability in response to dietary sodium and potassium in salt-resistant adults. *J Human Hypertens* 2024;38(1):62-69.

Ramos Gonzalez M, Axler MR, Kaseman K, **Lobene AJ**, Farquhar WB, Witman MAH, Kirkman DL, Lennon SL. Melatonin supplementation does not alter vascular function or oxidative stress on a high sodium diet in healthy normotensive adults. *Physiol Reports* 2023;11(24):e15896.

Ramos Gonzalez M, Axler MR, Kaseman K, **Lobene AJ**, Farquhar WB, Witman MAH, Kirkman DL, Lennon

SL. Melatonin supplementation reduces nighttime blood pressure but does not affect blood pressure reactivity in normotensive adults on a high-sodium diet. *Am J Physiol Regul Integr Comp Physiol* 2023;325(5):R465-R473.

Tabbassum S, Yue S, Coyne M, **Lobene AJ**, Lachcik P, Anderson C, Weaver C, Nie LH. Determine sodium in bone and bio-kinetics of sodium in pig model by using *in vivo* neutron activation analysis. *Eur J Phys Plus* 2023;138,690.

Lobene AJ, Romberger NT, Stock JM. What is “commanding” the sex-specific neuro-cardiovascular responses to exercise? *J Physiol* 2023;601(17):3697-3699.

Lobene AJ. The increasing prevalence of metabolic syndrome in Korea: a multifarious disease with a multifactorial etiology. *JACC: Asia* 2023;3(2):503-505.

Lobene AJ, Ragland TJ, Lennon SL, Malin SK. Nutrition interactions with exercise training on endothelial function. *Exerc Sport Sci Rev* 2023;51(2):57-64.

Lobene AJ, Smiljanec K, Axler MR, Ramos-Gonzalez M, Lennon SL. Diet quality, endothelial function, and blood pressure variability in healthy young adults. *Nutr Res* 2022;106:60-71.

Lobene AJ, Panda S, Mashek DG, Hill Gallant KM, Chow LS. Time restricted eating for 12 weeks does not adversely alter bone turnover in overweight adults. *Nutrients* 2021;13(4):1155.

Song Y, **Lobene AJ**, Wang Y, Hill Gallant KM. The DASH diet and cardiometabolic health and chronic kidney disease: a narrative review of the evidence in East Asian countries. *Nutrients* 2021;13(3):984.

Lobene AJ, Stremke ER, McCabe GP, Moorthi RN, Moe SM, Hill Gallant KM. Spot urine samples to estimate sodium and potassium intake in patients with CKD and healthy adults: a secondary analysis from a controlled feeding study. *J Ren Nutr* 2021;31(6):602-610.

Bailey RL, Kiesel VA, **Lobene AJ**, Zou P. Redesigning an undergraduate nutrition course through active learning and group-based projects enhances student performance. *Curr Dev Nutr* 2020;4(4):nzaa039.

Coyne M, **Lobene AJ**, Neumann C, Lachcik P, Weaver CM, Nie LH. Determination of bone sodium (Na) and Na exchange in pig leg using *in vivo* neutron activation analysis (IVNAA). *Physiol Meas* 2019;40(7):075009.

Kindler JM, **Lobene AJ**, Vogel KA, Martin BR, McCabe LD, Peacock M, Warden SJ, Henry CN, McCabe GP, Weaver CM. Adiposity, insulin resistance, and bone health in children and adolescents. *J Clin Endocrinol Metab* 2019; 104(3):892-899.

Weaver CM, Bailey RL, McCabe LD, Moshfegh AJ, **Lobene AJ**, McCabe GP. Mineral intake ratios are a weak but significant factor in blood pressure variability in U.S. adults. *J Nutr* 2018; 148: 1845-1451.

Weaver CM, Stone MS, **Lobene AJ**, Cladis D, Hodges JK. What is the evidence base for a potassium requirement? *Nutr Today* 2018; 53(5):184-195.

Lobene AJ, Kindler JM, Jenkins NT, Pollock NK, Laing EM, Grider A, Lewis RD. Zinc supplementation does not alter indicators of insulin secretion and sensitivity in black and white female adolescents. *J Nutr* 2017; 147(3):1296-1300.

MANUSCRIPTS in PROGRESS

- Colin CR, LeDoux T, Lesser M, **Lobene AJ**, Wang J, Woolf K. Establishing credibility of the registered dietitian through improved knowledge and application of evidence-based practice. *In Review*, *J Acad Nutr Diet*.
- Lobene AJ**, Stremke ER, McCabe GP, Moorthi RN, Moe SM, Hill Gallant KM. Spot urine samples to estimate phosphorus intake in patients with CKD: a secondary analysis from a controlled feeding study. *In Review*, *J Ren Nutr*.
- Lobene AJ**, Hand RK, Watowicz RP, Hill Gallant KM. Collaborative implementation of a structured evidence-based practice unit for senior level undergraduate dietetics students. *Intended for* *J Nutr Educ Behav*.
- Axler M, **Lobene AJ**, Smiljanec K, Ramos-Gonzalez M, Mbakwe AU, DeConne T, Martens C, Lennon SL. Dietary acid load and blood pressure responses in healthy adults. *Intended for* *J Food Nutr*.

BOOK CHAPTERS

- Lobene AJ**, Stipanuk MH. Chapter 31: Sodium, Chloride, and Potassium. In: *Biochemical, Physiological, and Molecular Aspects of Human Nutrition*, 5th Edition. *In Preparation*.
- Lobene AJ**, McCabe LD, Stone MS, Kindler JM, Bailey RL, Moshfegh AJ, Rhodes DG, Goldman JD, McCabe GP, Weaver CM. Dietary minerals, mineral ratios, and bone. In: *Nutritional Influences on Bone Health, Proceedings of the 10th International Symposium on Nutritional Aspects of Osteoporosis*.

PUBLISHED PEER-REVIEWED ABSTRACTS

- Patoine C, Singar S, **Lobene AJ**, Watso JC, Nagpal R. Study Protocol Abstract: Effect of Daily Fresh Watermelon Consumption on Gut and Cardiometabolic Health in Young Adults with Overweight and Obesity. *Submitted*, Nutrition 2025, Orlando, FL, May 2025.
- Patoine C, Singar S, **Lobene AJ**, Nagpal R. Study Protocol Abstract: Effect of Peanut Butter on Gut and Metabolic Health in School-Aged Children. *Submitted*, Nutrition 2025, Orlando, FL, May 2025.
- Mumby WA, Rajlich H, Rani R, Smith KA, Bissen TG, Domeier C, Vondrawek JD, Watso JC, **Lobene AJ**. The association between sodium-to-potassium intake ratio and vascular endothelial function, and the role of insulin resistance. *Submitted*, Nutrition 2025, Orlando, FL, May 2025.
- Moritz CEJ, **Lobene AJ**, Kaseman KE, Irwin JM, Lennon SL. A high potassium intake protects endothelial function and reduces pro-inflammatory markers under high-sodium conditions in salt-resistant adults. *Submitted*, American Physiology Summit, Baltimore, MD, April 2025.
- Lobene AJ**, Moritz CEJ, Kaseman KE, Irwin JM, Zimmerman MC, Farquhar WB, Lennon SL. Potassium supplementation offsets the effects of a high sodium diet on endothelial function but not blood pressure reactivity in healthy, normotensive adults. *Physiology* 2024;39(S1):2554.
<https://doi.org/10.1152/physiol.2024.39.S1.2544>.
- Kaseman KE, **Lobene AJ**, Axler MR, Krieger KD, Lennon SL. The effect of dietary sodium and potassium

consumption on intestinal permeability, blood pressure, and endothelial function: a pilot study. *Physiology* 2024;39(S1):2039. <https://doi.org/10.1152/physiol.2024.39.S1.2039>.

Lobene AJ, Smiljanec K, Lennon SL. The effect of a high potassium diet on microvascular function under high sodium conditions in healthy adults. *Physiology* 2023;38(S1):5731718. <https://doi.org/10.1152/physiol.2023.38.S1.5731718>.

Kaseman KE, Smiljanec K, **Lobene AJ**, Axler MR, Lennon SL. High sodium diet and intestinal permeability in young, healthy adults. *Physiology* 2023;38(S1):5734887. <https://doi.org/10.1152/physiol.2023.38.S1.5734887>.

Axler MR, **Lobene AJ**, Kaseman KE, Awayes Y, Lennon SL. Sodium density associates with nighttime systolic blood pressure in young healthy adults. *Physiology* 2023;38(S1):5730997. <https://doi.org/10.1152/physiol.2023.38.S1.5730997>.

Axler MR, Kaseman KE, Kingham AL, **Lobene AJ**, Lennon SL. Urinary potassium excretion inversely correlates with diastolic blood pressure variability in healthy normotensive adults. *The FASEB Journal* 2022;36(S1):R6095. <https://doi.org/10.1096/fasebj.2022.36.S1.R6095>.

Lobene AJ, Smiljanec K, Ramos-Gonzalez M, Lennon SL. Diet quality indexes, arterial stiffness and endothelial function in healthy young adults. *The FASEB Journal* 2021;35(S1):02136. <https://doi.org/10.1096/fasebj.2021.35.S1.02136>.

Axler M, **Lobene AJ**, Mbakwe AU, Martens CR, DeConne TM, Smiljanec K, Ramos-Gonzalez M, Lennon SL. Dietary acid load and blood pressure in healthy adults. *The FASEB Journal* 2021;35(S1):04279. <https://doi.org/10.1096/fasebj.2021.35.S1.04279>.

Lobene AJ, Panda S, Mashek DG, Hill Gallant KM, Chow LS. Time restricted eating for 12 weeks does not adversely alter bone mineral content or bone metabolism in overweight adults. *J Bone Miner Res* 2020;35(S1):S232-S233. <https://doi.org/10.1002/jbmr.4206>.

Lobene AJ, Stremke ER, McCabe GP, Moorthi RN, Moe SM, Hill Gallant KM. Using spot urine samples to estimate sodium and potassium intake in healthy vs CKD patients: results from a controlled feeding study. *Curr Dev Nutr* 2020;4(S1):nzaa067_049. https://doi.org/10.1093/cdn/nzaa067_049.

Lobene AJ, Stremke ER, Moorthi RN, Moe SM, Hill Gallant KM. Twenty-four-hour Urinary Sodium Excretion from a Spot Urine Sample May Be Used as an Indicator of Intake in CKD Patients. *J Clin Transl Sci* 2020;4(S1):40-41. <https://doi.org/10.1017/cts.2020.155>.

Lobene AJ, McCabe LD, McCabe GP, Martin BR, Weaver CM. Estimated 24-hour Sodium Excretion from Available Equations is a Poor Predictor of Intake. *Curr Dev Nutr* 2019;3(S1):nzz044.OR15-06-19. <https://doi.org/10.1093/cdn/nzz044.OR15-06-19>.

Lobene AJ, Macdonald-Clarke CJ, Martin BR, McCabe LD, McCabe GP, Weaver CM. Estimating Sodium Intake Using Timed Urine Collections from a Controlled Feeding Study. *Circulation* 2019;139(S1):AMP37. https://doi.org/10.1161/circ.139.suppl_1.MP37.

Lobene AJ, Martin BR, McCabe LD, McCabe GP, Weaver CM. Variability in Urinary Sodium Excretion in Timed Spot Urine Samples. *Curr Dev Nutr* 2018;2(11):nyzo53. <https://doi.org/10.1093/cdn/nyzo53>.

Lobene AJ, Martin BR, Weaver CM. Predicting Population Sodium Intake from a Single Timed Urine Collection. *J Acad Nutr Diet* 2017;117(9):A61. <https://doi.org/10.1016/j.jand.2017.06.186>.

Coyne M, **Lobene A**, Lachcik P, Zhang X, Hsieh MJ, Newman C, Weaver C, Nie LH. Determination of Bone Sodium (Na) and Na Exchange in Pig Leg Using *In Vivo* Neutron Activation Analysis (IVNAA). *Medical Physics* 2017;44(6):3217. <https://doi.org/10.1002/mp.12304>.

Lobene AJ, Martin BR, Macdonald-Clarke CJ, Anderson CAM, McCabe LD, McCabe GP, Weaver CM. Pattern of Urinary Sodium Excretion Following Consumption of a Known Quantity of Sodium. *The FASEB Journal* 2017;31(S1): 786.10. https://doi.org/10.1096/fasebj.31.1_supplement.786.10.

Lobene AJ, Kindler JM, Pollock NK, Laing EM, Lewis RD. Zinc supplementation, beta cell function, insulin secretion, and insulin resistance in black and white female adolescents. *The FASEB Journal* 2016;30(S1):919.5. http://dx.doi.org/10.1096/fasebj.30.1_supplement.919.5.

ORAL PRESENTATIONS at NATIONAL and LOCAL MEETINGS

Lobene AJ. The role of potassium supplementation on vascular health, blood pressure regulation, and oxidative stress under high sodium conditions. Scientific Sessions, Early Innovators Spotlight oral session, Philadelphia, PA, November 2023.

Lobene AJ, Smiljanec K, Lennon SL. The effect of a high potassium diet on microvascular function under high sodium conditions in healthy adults. College of Health Sciences Research Day 1-Minute Poster Pitch, Newark, DE, March 2023.

Lobene AJ. Assessing sodium intake and its implications for cardiovascular health. Experimental Biology, Diet and Cardiovascular Health Symposium, Nutrition Physiology Interest Group, Philadelphia, PA, April 2022.

Lobene AJ, Smiljanec K, Ramos-Gonzalez M, Lennon SL. Diet quality, endothelial function, and blood pressure variability in healthy young adults. College of Health Sciences Research Day 1-Minute Poster Pitch, Newark, DE, March 2022.

Lobene AJ, Stremke ER, McCabe GP, Moorthi RN, Moe SM, Hill Gallant KM. Using spot urine samples to estimate sodium and potassium intake in healthy vs CKD patients: results from a controlled feeding study. Vitamins and Minerals RIS Forum flash talk, Nutrition 2020 Live Online, June 2020 [*virtual meeting due to COVID-19*].

Lobene AJ, McCabe LD, McCabe GP, Martin BR, Weaver CM. Estimated 24-hour Sodium Excretion from Available Equations is a Poor Predictor of Intake. Nutrition 2019, Concurrent oral session on Vitamins and Minerals, Baltimore, MD, June 2019.

POSTER PRESENTATIONS at NATIONAL and LOCAL MEETINGS

Lobene AJ, Moritz CEJ, Kaseman KE, Irwin JM, Zimmerman MC, Farquhar WB, Lennon SL. Potassium supplementation offsets the effects of a high sodium diet on endothelial function but not blood pressure reactivity in healthy, normotensive adults. American Physiology Summit, Long Beach, CA, April 2024.

Lobene AJ, Kaseman KE, Zimmerman MC, Farquhar WB, Lennon SL. The effect of potassium

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supplementation on endothelial function and blood pressure reactivity on a high sodium diet. 2023 Cardiovascular Research Symposium, The Center for Biomedical Research Excellence (COBRE) in Cardiovascular Health, University of Delaware, Newark, DE, October 2023.

Lobene AJ, Smiljanec K, Lennon SL. The effect of a high potassium diet on microvascular function under high sodium conditions in healthy adults. American Physiology Summit, Long Beach, CA, April 2023.

Lobene AJ, Smiljanec K, Lennon SL. The effect of a high potassium diet on microvascular function under high sodium conditions in healthy adults. College of Health Sciences Research Day, Newark, DE, March 2023.

Lobene AJ, Smiljanec K, Ramos-Gonzalez M, Lennon SL. Diet quality, endothelial function, and blood pressure variability in healthy young adults. College of Health Sciences Research Day, Newark, DE, March 2022.

Lobene AJ, Smiljanec K, Ramos-Gonzalez M, Lennon SL. Diet quality indexes, arterial stiffness and endothelial function in healthy young adults. Experimental Biology, April 2021 [*virtual meeting due to COVID-19*].

Lobene AJ, Panda S, Mashek DG, Hill Gallant KM, Chow LS. Time restricted eating for 12 weeks does not adversely alter bone mineral content or bone metabolism in overweight adults. American Society for Bone and Mineral Research, September 2020 [*virtual meeting due to COVID-19*].

Lobene AJ, Stremke ER, Moorthi RN, Moe SM, Hill Gallant KM. Twenty-four-hour Urinary Sodium Excretion from a Spot Urine Sample May Be Used as an Indicator of Intake in CKD Patients. Indiana Clinical and Translational Sciences Institute Annual Retreat, West Lafayette, IN, January 2020.

Lobene AJ, Stremke ER, Moe SM, Hill Gallant KM. Validating Equations for Estimating 24-Hour Urinary Sodium Excretion in Healthy vs CKD Patients Using a Controlled Feeding Study. Indiana Clinical and Translational Sciences Institute Annual Meeting, Indianapolis, IN, September 2019.

Lobene AJ, Macdonald-Clarke CJ, Martin BR, McCabe LD, McCabe GP, Weaver CM. Estimating Sodium Intake Using Timed Urine Collections from a Controlled Feeding Study. EPI|Lifestyle Scientific Sessions, Houston, TX, March 2019.

Lobene AJ, Martin BR, McCabe LD, McCabe GP, Weaver CM. Variability in Urinary Sodium Excretion in Timed Spot Urine Samples. Nutrition 2018, Boston, MA, June 2018.

Lobene AJ, Martin BR, Weaver CM. Predicting Population Sodium Intake from a Single Timed Urine Collection. Foods and Nutrition Conference and Expo, Chicago, IL, October 2017.

Lobene AJ, Martin BR, Macdonald-Clarke CJ, Anderson CAM, McCabe LD, McCabe GP, Weaver CM. Pattern of Urinary Sodium Excretion Following Consumption of a Known Quantity of Sodium. Experimental Biology, Chicago, IL, April 2017.

Lobene AJ, Kindler JM, Pollock NK, Laing EM, Grider A, Lewis RD. Zinc supplementation, beta cell function, insulin secretion, and insulin resistance in black and white female adolescents. Experimental Biology. San Diego, CA 2016

Lobene AJ, Kindler JM, Pollock NK, Laing EM, Grider A, Lewis RD. Zinc supplementation, beta cell

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function, insulin secretion, and insulin resistance in black and white female adolescents. Georgia Academy of Nutrition and Dietetics Annual Conference and Exhibition. Atlanta, GA 2016.

INVITED TALKS and SEMINAR PRESENTATIONS

Updated Sodium and Potassium Dietary Reference Intakes: Implications for Practice and Future Directions. Delaware Academy of Nutrition and Dietetics Annual Meeting, Newark, DE, May 2022.

FUNDED GRANTS

The Peanut Institute, Peanut Nutrition Grant

Title: Prebiotic Effect of Peanut Butter on Gut and Metabolic Health in School-Aged Children 2024, submitted

Role: Co-Principal Investigator (PI: Ravinder Nagpal)

Award Period: 8/1/2024-7/31/2027

Total Amount: \$216,000

FSU Council on Research and Creativity, Equipment and Infrastructure Enhancement Grant

Title: *Purchase of an Automated Hematology Analyzer to Enhance FSU's Biomedical Research Capabilities*

Role: Co-Investigator (PI: Kyle Smith)

Award Period: 6/1/2024-5/31/2025

Total Amount: \$17,788

FSU College of Education, Health, and Human Sciences, Dean's Circle Catalyst Grant

Title: *Effectiveness of a Dietary and Education-Based Intervention for Increasing Potassium Intake versus Reducing Sodium Intake to Improve Vascular Health*

Role: Principal Investigator

Award Period: 8/06/2024-5/2/2025

Total Amount: \$10,000

American Heart Association, Postdoctoral Fellowship (23POST1009835)

Co-funder: VIVA Physicians

Title: *The role of potassium supplementation on endothelial function and blood pressure reactivity on a high sodium diet*

Role: Principal Investigator

Award Period: 1/1/2023-12/31/2024*

Total Amount: \$143,177

**ended award on 12/20/2023 due to resigning postdoctoral position to begin faculty position*

Indiana Clinical and Translational Sciences Institute, (TL1 Program), TL1TR002531 (T. Hurley, PI),

5/18/2018 – 4/30/2023, and UL1TR002529 (A. Shekhar, PI), 5/18/2018 – 4/30/2023 from the National Institutes of Health, National Center for Advancing Translational Sciences, Clinical and Translational Sciences Award

Title: *Sodium Intake and Physiology in Healthy Adults versus CKD Patients and its Association with Chronic Disease Risk Factors*

Role: Predoctoral Fellowship

Award Period: 7/1/2019 – 6/30/2020

Total Amount: \$24,500 annual stipend

GRANTS PENDING or NOT AWARDED

Academy of Nutrition and Dietetics Foundation, Commission on Dietetic Registration Student-Faculty Collaborative Research Grant

Role: Principal Investigator

Title: Collaborating with Dietetic Interns and DPD Students to Conduct an Acute Feeding Study in Younger and Older Adults

2024, submitted

FSU Council on Research and Creative Activity, First Year Assistant Professor (FYAP) Grant Program

Role: Principal Investigator

Title: Post-Meal Vascular Effects of Sodium and Potassium and Younger vs Older Adult Men and Women

2024, submitted

USDA NIFA AFRS

Role: Principal Investigator

Title: Improving Vascular Health Using Nutrition Education Aimed at Increasing Potassium Intake versus Reducing Sodium Intake

2024, submitted

USDA NIFA AFRS

Role: Co-Investigator (PI: Ravinder Nagpal)

Title: Effects of Dietary Pulses on Gut and Cardiometabolic Health in Older Adults

2024, submitted

National Dairy Council, Nutrition Research Active Call, Dairy Foods and Women's Health

Role: Principal Investigator

Title: Cardioprotective Effects of Yogurt Consumption in the Context of a High-Sodium Diet in Pre- and Postmenopausal Black and White Females

2024, not awarded

American Pecan Promotion Board

Role: Co-Principal Investigator (PI: Ravinder Nagpal)

Title: Effect of Pecan Consumption on Gut Microbiome, Cardiometabolic Health, and Perceived Stress in Collegiate Students

2024, not awarded

National Institutes of Health, F32

Role: Principal Investigator

Title: *The Role of Potassium Supplementation on Vascular Health, BP Regulation, and Oxidative Stress Under High Sodium Conditions*

2022, not awarded

American Heart Association, Postdoctoral Fellowship

Role: Principal Investigator

Title: *The Role of Potassium Supplementation on Vascular Health Under High Sodium Conditions*

2021, not awarded

Research Dietetic Practice Group, The Sugar Association/Research DPG Member Pilot Grant Award

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Role: Principal Investigator

Title: *Potassium Supplementation and Vascular Function Under High Sodium Conditions*
2020, not awarded

Center for Families, Justice Family Nutrition Grant, Purdue University

Role: Principal Investigator

Title: *Validating Equations for Estimating Sodium Intake*
2018, not awarded

American Heart Association, Predoctoral Fellowship

Role: Principal Investigator

Title: *Developing and Validating Equations for Estimating Sodium and Potassium Intake in Normotensive and Hypertensive Adults*
2018, not awarded

Academy of Nutrition and Dietetics, Jean Hankin Research Grant

Role: Principal Investigator

Title: *Developing and Validating Equations for Estimating Sodium and Potassium Intake in Normotensive and Hypertensive Adults*
2018, not awarded

American Society for Nutrition, Predoctoral Fellowship

Role: Principal Investigator

Title: *Estimating Sodium Intake from Spot Urine Samples*
2018, not awarded

HONORS and AWARDS

- Third place, College of Health Sciences Research Day Postdoc Poster Presentation Competition, University of Delaware, March 2023
- Recipient of the 2020 Outstanding Graduate Student Teaching Award, Purdue University Department of Nutrition Science.
- Recipient of a 2020 Burroughs Wellcome Fund Trainee Travel Award to support my travel to Translational Science 2020, the annual meeting for the Association for Clinical and Translational Science. Accompanied by a \$500 travel stipend. ***unable to receive funds, in-person meeting/trip cancelled due to COVID-19*
- Paula Dudley White Scholar, 2019, American Heart Association, Epi|Lifestyle Scientific Sessions. Award given to the primary author of the highest ranked abstract from each country.
- Recipient of a 2019 Early Investigator Travel Award to present at the Epi|Lifestyle Scientific Sessions, American Heart Association Council on Lifestyle and Cardiometabolic Health. Accompanied by a \$1,000 cash prize.
- Recipient of a 2018-2019 Compton Graduate Research Travel Award, Purdue University College of Health and Human Sciences. Accompanied by a \$500 travel award.

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- Recipient of the 2017 Rickard Family Graduate Nutrition Support Fund, Purdue University Department of Nutrition Science. Award accompanied by \$4,000 scholarship.
- Recipient of a 2017 Student Stipend to attend Food and Nutrition Conference and Expo, from the Academy of Nutrition and Dietetics Foundation. Award accompanied by a \$100 stipend.
- Winner, 2017 Nutrition Science Graduate Student 3 Minute Thesis ® Competition, Purdue University. Accompanied by a \$500 travel award.
- Recipient of a 2017 Purdue Graduate Student Government Travel Grant, Purdue University. Award accompanied by a \$500 travel stipend.
- Recipient of a 2017 College of Health and Human Sciences/Graduate School Scholarship, Purdue University. Award accompanied by a \$2,000 scholarship.
- Recipient of the 2016 Rickard Family Graduate Nutrition Support Fund, Purdue University Department of Nutrition Science. Award accompanied by \$4,000 scholarship.
- Recipient of a 2016-2018 Fredrick N. Andrews Fellowship, Purdue University Graduate School. Award accompanied by a \$17,299 stipend.
- Recipient of a 2016 Graduate Student Travel Award, University of Georgia College of Family and Consumer Sciences. Award accompanied by \$300 travel stipend.
- Recipient of the 2015 Georgia Dietetic Foundation Scholarship. Award accompanied by \$1,500 scholarship.
- Recipient of the 2015 Ruth Rowan Morrison Scholarship, University of Georgia College of Family and Consumer Sciences. Award accompanied by \$3,000 scholarship.
- Recipient of the 2015 Northeast Georgia Dietetic Association Graduate Level Scholarship. Award accompanied by \$150 scholarship.
- Recipient of the 2014 Northeast Georgia Dietetic Association Graduate Level Scholarship. Award accompanied by \$150 scholarship.
- Recipient of the 2014 Marian Wang Nutrition Scholarship, University of Georgia College of Family and Consumer Sciences. Award accompanied by \$1,000 scholarship.
- Recipient of the 2014 Outstanding Student in a DPD Program award, Georgia Academy of Nutrition and Dietetics.

TEACHING EXPERIENCE

Florida State University Department Health, Nutrition & Food Sciences, Tallahassee, FL

DIE 4310 Community Nutrition, 28 students

Semester: Fall 2024

HUN 5906 Graduate Directed Individual Study—Women's Hypertension, 1 student

Semester: Fall 2024

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HUN 3226 Intermediary Metabolism of Nutrients II, 39 students
Semester: Spring 2024

HUN 4905 Directed Individual Study—Nutrition Counseling, 12 students
Semester: Spring 2024

HUN 4905 Directed Individual Study—Concepts and Controversies in Nutrition Counseling, 1 student
Semester: Spring 2024

Purdue University Department of Nutrition Science, West Lafayette, IN

NUTR 481 Medical Nutrition Therapy II, ~40 students
Semester: Spring 2019, Spring 2020

Instructors of Record: Dr. Kathleen Hill Gallant, Assistant Professor and Director, Didactic Program in Dietetics; Donna Zoss, Continuing Lecturer and Assistant Director, Didactic Program in Dietetics

NUTR 480, Medical Nutrition Therapy I, ~50 students
Semester: Fall 2019

Instructors of Record: Dr. Kathleen Hill Gallant, Assistant Professor and Director, Didactic Program in Dietetics; Donna Zoss, Continuing Lecturer and Assistant Director, Didactic Program in Dietetics

NUTR 330, Diet Selection and Planning: Dietary Guidance for Human Health, 30-45 students/semester
Semesters: Summer 2019, Fall 2018, Summer 2018

Instructor of Record: Dr. Marie Allsopp, Clinical Assistant Professor (Summer 2019)

Instructor of Record: Dr. Regan Bailey, Associate Professor (Fall 2018, Summer 2018)

NUTR 424 Communication Techniques in Foods and Nutrition, ~20 students/semester
Semesters: Spring 2019, Spring 2018, Fall 2017

Instructor of Record: Dr. Heather Leidy, Associate Professor

NUTR 442 Foodservice Systems Management; ~80 students
Semester: Spring 2017

Instructor of Record: Donna Zoss, Continuing Lecturer and Assistant Director, Didactic Program in Dietetics

The University of Georgia Department of Foods and Nutrition, Athens, GA

FDNS 3610/3610L Quantity Foods; ~75 students/semester
Semesters: Spring 2016, Spring 2015

Instructor of Record: Tracey Brigman, Clinical Assistant Professor

FDNS 3600/3600L Food Principles; ~90 students/semester
Semesters: Fall 2015, Fall 2014

Instructor of Record: Tracey Brigman, Clinical Assistant Professor

The University of Georgia Peer Nutrition Educators, Athens, GA

Peer Nutrition Educator

Summer 2014-Spring 2015

Supervisors: Katherine Ingerson, UGA Foodservices Dietitian; Ben Gray, University Health Center Dietitian

GUEST LECTURES

Purdue University, West Lafayette, IN

Coordinated Program in Dietetics, *Preparing for and Applying to Graduate School*, May 2017, May 2018, May 2019

The University of Georgia, Athens, GA

FDNS 6530: Medical Nutrition Therapy II, *Kidney Stones, Dietary Determinants and Approaches to Treatment*, April 2015, April 2016

NON-ACADEMIC PUBLICATIONS

“Updates from the Accreditation Council for Education in Nutrition and Dietetics.” *The Digest*, Research Dietetic Practice Group. Volume 55, No 2. Summer 2020. Link:

<https://www.researchdpg.org/docs/The%20Digest/The%20Digest%20-%20Summer%202020.pdf>

“How to Handle Casual Nutrition Conversations.” *Food & Nutrition Magazine, Stone Soup Blog*. April 4, 2018.

Link: <https://foodandnutrition.org/blogs/stone-soup/handle-casual-nutrition-conversations/>

STUDENT MENTORING and SUPERVISORY EXPERIENCE

- Currently mentoring one doctoral student, Raveen Rani, and one master’s student, Will Mumby, as well as an additional part-time ½ time research assistant, Hannah Rajlich, Fall 2024
- Trained and managed multiple undergraduate students, Jillian Wright, Eden Reap, Grace Chesley, and Avery Pollicita assisting with various laboratory activities, Fall 2023
- Trained and mentored undergraduate student Jessica Nicolich in the Delaware INBRE Summer Scholars Program, which included in-person laboratory work, directed study research methods instruction, and completing individual research projects and presenting a poster at an undergraduate research symposium, Summer 2023
- Supervised senior undergraduate student, Sarah Winiker, while she completed laboratory research work for course credit, Spring 2023
- Mentored undergraduate student, Daniel Himsworth, through the process of writing a senior thesis through the University of Delaware Undergraduate Research Program, which included helping him develop his research project, guiding him through creating a writing plan, providing feedback on writing, and meeting weekly to discuss progress, 2022-2023
- Trained and mentored undergraduate student Yasmine Awayes in the Delaware INBRE Summer Scholars Program, which included in-person laboratory work, directed study research methods instruction, and completing individual research projects and presenting a poster at an undergraduate research symposium, Summer 2022
- Trained and managed multiple undergraduate students, Daniel Himsworth, Sarah Winiker, and Jillian Wright, assisting with various laboratory activities, Fall 2021-Spring 2022
- Trained and mentored two undergraduate students, Daniel Himsworth and Anna Kingham, in the Summer Fellows program, which included in-person laboratory work, directed study research methods instruction, and completing individual research projects and presenting a poster at an undergraduate research symposium, Summer 2021
- Mentored postbaccalaureate visiting scholar Yazhen “Sophia” Song through writing a narrative review paper for publication in a peer-reviewed journal, Summer 2019-Fall 2020
- Supervised three undergraduate student graders for NUTR 330, Summer 2018 and Fall 2018

Andrea Lobene CV

- Helped undergraduate student Nicolas Lisowski analyze data and create a poster for the Purdue Undergraduate Research Conference, April 2018
- Trained, scheduled, and supervised a team of 23 undergraduate laboratory staff members for a large clinical research study, Summer 2017

SERVICE ACTIVITIES

AD HOC REVIEWER of MANUSCRIPTS for SCIENTIFIC JOURNALS

2024	Journal of Applied Physiology
2024	Critical Reviews in Food Science and Nutrition
2023	Advances in Nutrition
2023	Journal of Science in Sport and Exercise
2022, 2023	Scientific Reports
2021-2023	Nutrients
2021	British Journal of Nutrition

LEADERSHIP in PROFESSIONAL ORGANIZATIONS and COMMITTEES

2024-2026	Member, Lifestyle Membership Committee, Council on Lifestyle and Cardiometabolic Health, American Heart Association
2022-2025	Editor-in-chief, <i>The Digest</i> , quarterly newsletter of the Research Dietetic Practice Group of the Academy of Nutrition and Dietetics
2022-2025	Scientific Integrity Principles Subcommittee Member, Council on Research, Academy of Nutrition and Dietetics
2021-2022	Annual Conference Planning Committee Member, Delaware Academy of Nutrition and Dietetics
2020-2022	Professional Growth and Development Co-Chair, Purdue University Nutrition Science Alumni Network
2019-2022	Accreditation Council for Education in Nutrition and Dietetics (ACEND) Liaison, Research Dietetic Practice Group of the Academy of Nutrition and Dietetics
2019-2020	Career Advocate, Nutrition Science Graduate Student Organization, Purdue University
2017-2020	Graduate Student Representative, Purdue University Nutrition Science Alumni Network
2018-2019	Student Ambassador, Purdue Institute of Inflammation, Immunology, and Infectious Disease
2017-2019	President, Nutrition Science Graduate Student Organization, Purdue University
2016-2018	Board Member, FACS Young Alumni Council, College of Family and Consumer Sciences Alumni Association, The University of Georgia
2015-2016	President, Foods and Nutrition Graduate Student Organization, The University of Georgia

Andrea Lobene CV

- 2014-2016 Nominating Committee, Northeast Georgia Dietetic Association
- 2015-2016 Graduate Student Representative, Open House and Graduate Student Recruitment Committee, Department of Foods and Nutrition
- 2014-2015 Graduate Student Representative, Diversity Committee, Department of Foods and Nutrition
- 2013-2014 President, Student Dietetic Association, The University of Georgia
- 2012-2013 Secretary, Student Dietetic Association. The University of Georgia

EDUCATIONAL PRESENTATIONS in the COMMUNITY

Osher Lifelong Learning Institute (OLLI) of Delaware Course on Stroke: Incidence, Prevention, Treatment & Rehabilitation, via Zoom

Healthy Nutrition and Diet for Cardiovascular Diseases: Focus on Stroke, October 2022

CAMP: Clinical Applications for future Medical Professionals, College of Health and Human Sciences, Purdue University, West Lafayette, IN

Know your Nutrients: The Dietitian's Role in Recognizing and Treating Malnutrition, July 2019

Purdue Lecture Hall Series, West Lafayette, IN

My Path from "What do I want to do when I grow up?" to "I want to save the world," October 2018

Association of Nutrition & Foodservice Professionals Meeting, West Lafayette, IN

Understanding Nutrition Labels: An important tool for making informed decisions, October 2018

Baseball Umpires Meeting, Lafayette, IN

Nutrition Tips for Gamedays (and Beyond), April 2018

Osher Lifelong Learning Institute (OLLI@UGA) class

The Often Confusing and Overwhelming Principles of Nutrition, May 2016

Athens-Clarke County Wellness Program, Healthy Hour

What You Should Know about Kidney Stones, March 2016

Folate Facts, February 2016

Get the Skinny on Soft Drinks, October 2015

Fad Diets: The Truth Behind the Myths, September 2015

Understanding Nutrition Labels: An important tool for making informed decisions, March 2015

Glycemic Index: What You Need to Know, October 2014

Human Development and Family Sciences Graduate Student Organization, Self-Care Night

How to Eat Healthier in Graduate School, February 2016

Boy Scouts Cooking and Nutrition Class

The Many Methods of Cooking, November 2015

The Many Methods of Cooking, October 2014

OTHER SERVICE ACTIVITIES

Andrea Lobene CV

- 2023 Poster judge, Scientista interdisciplinary poster presentation event, University of Delaware
- 2022 Lead hands-on educational sessions on nutrition and vascular health in our lab for high school students participating in the Health Sciences Summer Camp at the University of Delaware
- 2019 Helped organize and implement “A Leap from Lab,” a life sciences graduate student career event, which included 12 companies, 11 alumni and industry panelists, and >60 student and postdoc participants
- 2018 Conducted grocery store tour for National Nutrition Month through the Indiana Academy of Nutrition and Dietetics at Fresh Thyme in Lafayette, IN
- 2017 Helped organize and implement “Tuesday Toasts,” a weekly email blast to our nutrition Department at Purdue that highlights all our individual accomplishments over the past week
- 2017 Organized graduate student 3 Minute Thesis (3MT®) competition for the Department of Nutrition Science, Purdue University. 6 students participated, \$500 award given to winner.

PROFESSIONAL ORGANIZATION MEMBERSHIPS

- 2024-present Florida Academy of Nutrition and Dietetics
- 2022-present Cardiovascular Health and Well-Being Dietetic Practice Group
- 2021-present American Physiological Society
- 2020-present Delaware Academy of Nutrition and Dietetics
- 2020-present Nutrition and Dietetic Educators and Preceptors
- 2019-present American Society of Nephrology
- 2018-present American Heart Association
- 2015-present American Society for Nutrition
- 2014-present Research Dietetic Practice Group
- 2011-present Academy of Nutrition and Dietetics
- 2022-2023 National Postdoctoral Association
- 2016-2020 Indiana Academy of Nutrition and Dietetics
- 2016-2020 Western Indiana Academy of Nutrition and Dietetics
- 2018-2019 American Society for Bone and Mineral Research
- 2013-2016 Northeast Georgia Dietetic Association
- 2011-2016 Georgia Academy of Nutrition and Dietetics