

Corrie M Whisner, PhD

Assistant Professor

School of Nutrition and Health Promotion | Arizona State University
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TRAINING AND EMPLOYMENT

EDUCATION

Doctor of Philosophy in Nutrition Science

Dec 2011

Purdue University, West Lafayette, Indiana

Adviser: Connie M. Weaver, PhD

Dissertation: Prebiotic Effects on Calcium Absorption and Bone Metabolism

Bachelor of Science in Nutrition Science

May 2007

Purdue University, West Lafayette, Indiana

Adviser: Stacey L. Mobley, PhD

Honors Thesis: Impact of Dietary Habits related to Beverage Acidity Intake on Dental Erosion and Bone Fragility Fractures

ACADEMIC APPOINTMENTS

Arizona State University, Phoenix, Arizona

Assistant Professor, School of Nutrition & Health Promotion

Aug 2014 - present

Cornell University, Ithaca, New York

USDA NIFA AFRI Postdoctoral Fellow, Division of Nutritional Sciences

Sept 2012 - Jul 2014

Mentor: Kimberly O O'Brien, PhD

Purdue University, West Lafayette, Indiana

Postdoctoral Associate, Department of Nutrition Science

Jan 2012 - Aug 2012

Project manager for metabolic studies

Limited-term Lecturer, Department of Nutrition Science

Jan 2012 - May 2012

Co-taught capstone nutrition communications course

Graduate Research Assistant, Department of Nutrition Science

Aug 2007 - Dec 2011

Project supervision of calcium metabolism studies

Graduate Teaching Assistant, Department of Nutrition Science

Aug 2009 - Dec 2011

Assisted instructor in senior-level capstone nutrition communications course

Undergraduate Research Assistant, Department of Nutrition Science

Jan 2004 - May 2007

Assisted with biological sample processing and assays

RESEARCH INTERESTS

Topic Areas: nutritional modulation of the gut microbiome, functional foods, vitamin and mineral metabolism, dietary and hormonal mediators on osteoporosis and obesity risk, metabolic disturbances in nutrition-related diseases, lifestyle interventions to prevent or correct chronic disease, how early exposure to dietary and metabolic factors can influence disease risk later in life

Populations: adolescents, children, young adults, pregnant and lactating women

RESEARCH AND HONORS

AWARDS

BUILDingSCHOLARS Mentor Award Nominee, UTEP BUILD Summer Research Internship Program	2016
Rookie of the Year, College of Health Solutions, Arizona State University	2016
Diamond of the Department, Nutrition Science 110 th Anniversary Gala, Purdue University	2016
Dannon Nutrition Leadership Institute, Early Career Leader	2015
Sun Award for Excellent Performance and Fostering Cooperation, Arizona State University	2014
Experimental Biology, Community and Public Health Nutrition Poster Competition, 2 nd Place	2014
Experimental Biology, Vitamins & Minerals Research Session Poster Competition, 1 st Place	2013
Graduate Teacher Certificate, Center for Instructional Excellence, Purdue Teaching Academy	2011
Dr. Mary Fuqua, Fuqua Scholarship	2010 - 2011
Lynn Doctoral Fellowship	2007 - 2008
Mortar Board Fellowship	2007 - 2008

FUNDED COMPETITIVE GRANTS

Effect of vitamin D3 supplementation on dynamic stability Abbott Nutrition Whisner - Co-I, Thurmon Lockhart - PI; 2 years; Amount - \$122,250 (Co-sponsored project; see below)	2016 - 2018
Effect of vitamin D3 supplementation on dynamic stability DSM Nutrition Whisner - Co-I, Thurmon Lockhart - PI; 2 years; Amount - \$108,249 (Co-sponsored project; see above)	2016 - 2018
Association of infant feeding, maternal and infant microbiota, and obesity Arizona State University Obesity Solutions/Mayo Clinic Whisner - Co-I, Co-investigator, Elizabeth Reifsnider - PI; 1 year; Amount - \$5,000	2015 - 2016

Arizona State University Obesity Solutions

Whisner - Co-PI with Meg Bruening; 1 year; Amount - \$5,000

PUBLICATIONS

Notes: The 2013 median impact factor for nutrition & dietetics journals was 2.400, food science & technology journals was 1.459 (source: ISI Web of Science) and for obstetrics & gynecology journals was 1.846 (source: ISI Web of Science). Authors are generally listed in decreasing order of contribution. The first author is usually the person who conducted most of the work and wrote the main contents of the manuscript. Depending upon the discipline in which the work is published, the senior author whom is responsible for securing funding is listed the 2nd or last position. CMW's specific contribution to each manuscript is noted in parentheses. Annotations for individual citations:

- IF = 5 year impact factor (source: ISI Web of Science, 2015)
- #C = number of citations (source: Google Scholar, September 2, 2015)
- PI = CMW primary investigator responsible for research
- CA = CMW corresponding author
- M-ASU = data analysis and manuscript preparation done at ASU (when data was collected elsewhere)
- M-Other=data analysis and/or manuscript preparation done at another institution
- CMW's contribution noted in parenthesis
- Underlined names are graduate students
- Underlined and italicized names are undergraduate students

Bruening M, Ohri-Vachaspati P, Brewis A, Laska MN, Todd M, Hruschka D, Schaefer DR, **Whisner CM**, Dunton G. Longitudinal social networks impacts on weight and weight-related behaviors assessed using mobile-based ecological momentary assessments: Study Protocols for the SPARC study. BMC Public Health. 2016 [epub ahead of print].

IF=2.746, #C=0; (CMW contributed to the manuscript preparation by providing editorial comments and assisted with study implementation and data collection)

Whisner CM, Martin BR, Nakatsu CH, Story JA, MacDonald-Clarke CJ, McCabe LD, McCabe GP, Weaver CM. Soluble corn fiber increases calcium absorption associated with shifts in the gut microbiome: A randomized dose-response trial in free-living pubertal girls. Journal of Nutrition. 2016;146(7):1298-1306.

IF=4.497, #C=2, M-ASU; (CMW assisted with study design, implementation, data collection and analysis, and led manuscript preparation)

Whisner CM, Bruening M, O'Brien KO. A brief survey of dietary beliefs and behaviors of pregnant adolescents. Journal of Pediatric and Adolescent Gynecology. 2016;29(5):476-481.

IF=1.754, #C=0, PI, CA, M-ASU; (CMW assisted with study design and implementation; led data collection, analysis, and manuscript preparation)

Miller BJ, **Whisner CM**, Johnston CS. Vitamin D supplementation appears to increase plasma A β 40 in vitamin D insufficient, older adults: a pilot RCT. *Journal of Alzheimers Disease*. 2016; 52(3):843-847.

IF=4.079, #C=0; (CMW assisted with study design and contributed to the manuscript preparation by mentoring student author and providing editorial comments)

Whisner C, Porter A, Pecor N, Maciejewski R. A Survey of Personal Nutrition in mHealth Apps. *Personal Visualization: Exploring Data in Everyday Life – IEEE VIS Workshop, 2015*. (workshop paper)

IF=N/A, #C: N/A, PI; (CMW assisted with study design and implementation; led data collection, analysis, and manuscript preparation)

Whisner CM, Young BE, Cooper E, Queenan RA, Pressman EK, O'Brien KO. Maternal diet but not gestational weight gain predicts central adiposity accretion in utero among pregnant adolescents. *International Journal of Obesity*. 2015;39(4):565-570.

IF=5.453; #C=7, M-Other; (CMW led the data analysis and manuscript preparation)

Whisner CM, Young BE, Witter FR, Harris ZL, Queenan RA, Cooper EM, O'Brien KO. Reductions in heel bone quality across gestation are attenuated in pregnant adolescents with higher pre-pregnancy weight and greater increases in PTH across gestation. *Journal of Bone & Mineral Research*. 2014;29(9):2109-2117.

IF=6.208, #C=4, M-Other; (CMW led the data analysis and manuscript preparation)

Whisner CM, Martin BR, Nakatsu CH, McCabe GP, McCabe LD, Weaver CM. Soluble maize fiber affects short-term calcium absorption and retention in adolescent boys and girls: a randomized controlled trial using dual stable isotopic tracers. *British Journal of Nutrition*. 2014;112:446-456, M-Other.

IF=3.710, #C=14, M-Other; (CMW's dissertation work)

Whisner CM, Martin BR, Schoterman MHC, Nakatsu CH, McCabe LD, McCabe GP, Wastney ME, van den Heuvel EGHM, Weaver CM. Galacto-oligosaccharides increase calcium absorption and gut bifidobacteria in young girls: a double blind cross-over trial. *British Journal of Nutrition*. 2013;110(7):1292-1303.

IF=3.710, #C=42, M-Other; (CMW's dissertation work)

MANUSCRIPTS UNDER REVIEW

Petrov ME, Vander Wyst KB, **Whisner CM**, Jeong M, Denniston M, Moramarco MW, Gallagher MR, Reifsnider E. Relationship of Sleep Duration and Regularity with Dietary Intake among Preschool-Aged Children with Obesity From Low-Income Families.

[Submitted and under review at: *Journal of Developmental & Behavioral Pediatrics*; August 2016]

IF=2.539, M-ASU; (CMW contributed to the manuscript preparation by providing editorial comments)

Whisner CM, O'Brien KO, Cooper EM, Pressman EK. Digital media access is common among a diverse group of pregnant women. [Submitted and under review at: *Medical Journal of Obstetrics & Gynecology*; August 2016]

IF=N/A, PI, CA, M-ASU; (CMW assisted with study design and implementation; led data collection, analysis, and manuscript preparation)

MANUSCRIPTS IN PREPARATION

Journey EK, Hotz R-L, Bruening M, Krajmalnik-Brown R, Whisner CM. Assessing relationships between dietary intake, gut microbiota, and weight among a diverse cohort of college freshman. Target journal: Journal of Adolescent Health
PI, CA; (CMW assisted with study design and implementation; led data collection, analysis, and mentored student in manuscript preparation)

Dente B, Bruening M, Whisner CM. Associations between physical activity and gut microbiota in college freshman. Target journal: FASEB Journal
PI, CA; (CMW assisted with study design and implementation; led data collection, analysis, and mentored student in manuscript preparation)

Vercelli M, O'Brien KO, Bruening M, Whisner CM. Target journal: Journal of the Academy of Nutrition and Dietetics
PI, CA, M-ASU; (CMW contributed to study design and implementation, and mentored student through data analysis for thesis; CMW was thesis chair)

Brennhofer S, Schaefer D, Ohri-Vachaspati P, Whisner CM, Bruening M. Residency status is related to alcohol-related behaviors among diverse college freshmen. Target journal: Journal of Studies on Alcohol and Drugs
(CMW was a thesis committee member and contributed to manuscript preparation through editorial comments)

Whisner CM, Foehr M, Woods A, Qi L, Davisson R, O'Brien KO. Plasma volume expansion in a mouse model of pre-eclampsia. Target journal: BJOG : an international journal of obstetrics and gynaecology
M-Other; (CMW led the data analysis and manuscript preparation)

Wang H, Whisner CM, Felix S, Maciejewski. An analysis of dairy attitudes in social media. Target journal: Appetite
PI, CA; (CMW assisted with study design and data collection methods; contributed to data analysis, led manuscript preparation)

Whisner CM, Bruening M. devilWASTE – A longitudinal analysis to understand the impact of lifestyle factors on intestinal microbiome profiles of first year college students living in on-campus housing. Target journal: British Medical Journal Open
PI, CA; (CMW assisted with study design and implementation; led data collection, analysis, and manuscript preparation)

BOOK CHAPTERS

Whisner CM, Weaver CM. Prebiotics and bone. In: Parameswaran N, McCabe L [eds.]. Understanding the Gut-Bone Signaling Axis: Mechanisms and Therapeutic Implications. Springer. *Submitted and under editorial review.*

Whisner CM, Weaver CM. Galacto-oligosaccharides: Prebiotic effects on calcium absorption and bone health. In: Burkhart P, Dawson-Hughes B, Weaver CM [eds.]. Nutritional Influences on Bone Health – 8th International Symposium. Springer. 2013.

Whisner CM, Weaver CM. Interactions of Probiotics & Prebiotics with Minerals. In: Semih Otles [ed.]. Probiotics and Prebiotics in the Triangle of Food, Nutrition and Health. CRC Press. 2013.

EDITORIALS AND NON-PEER REVIEWED PUBLICATIONS

Whisner CM. How can tracking metabolism and weight help expecting mothers? [Submitted and under review with: Withings Institute, August 2016]

INVITED RESEARCH PRESENTATIONS

- | | |
|---|--------------------|
| A microbial view of the human dinner plate. Arizona Academy of Nutrition and Dietetics, Phoenix, Arizona | June 17, 2016 |
| Going with your gut: Insights on prebiotics, probiotics, superbugs and health. Building Healthy Lifestyles Conference, Tempe, Arizona | March 19, 2016 |
| Wheat and your inner ecosystem: insights on how the gut microbiome interacts with wheat. Ardent Mills, Grain Science Research Group, Denver, Colorado | March 4, 2016 |
| Wheat and your inner ecosystem: insights on how the gut microbiome interacts with wheat. Wheat Foods Council, Annual Meeting, Phoenix, Arizona | January 14, 2016 |
| Diet and health: The gut microbiome and grains. North American Millers Association, Annual Meeting, Phoenix, Arizona | October 24, 2015 |
| Adolescent intestinal microbiome and calcium absorption: Friend or foe? Department of Nutritional Sciences, University of Arizona, Tucson, Arizona | September 26, 2015 |
| Symbiosis in nutrition science: The intestinal microbiome and calcium absorption. Central Arizona Academy of Nutrition and Dietetics, Phoenix, Arizona | September 15, 2015 |
| Big data in nutrition science: The microbiome and calcium absorption. Computer Graphics and Human Computer Interaction Group, Kaiserslautern University of Technology, Kaiserslautern, Germany | July 24, 2015 |
| Bones to obesity: Dietary and hormonal insights for adolescent health promotion. Undergraduate Nutrition Research Symposium, School of Nutrition and Health Promotion, Arizona State University, Phoenix, Arizona | April 22, 2015 |
| Maternal diet and dietary beliefs impact maternal health and neonatal birth outcomes in pregnant adolescents. Southwest Interdisciplinary Research Center, Phoenix, Arizona. | March 25, 2015 |

Bones to Obesity: Dietary and microbial insights for adolescent health promotion. School of Biological and Health Systems Engineering, Arizona State University, Tempe, Arizona	September 12, 2014
Revolutionizing Nutrition Communications with Social Media. May Conference. Department of Nutrition Science, Purdue University, West Lafayette, Indiana	May 2012
R.E.C.I.P.E. for Healthy Growing Children. Indiana Team Nutrition Grant Extension Education Program. Indiana	May 2009
The Bone Zone: Fostering Good Habits for Healthy Bones in Youth. The Ohio State Farm Science Review. Columbus, Ohio	September 2008
The Bone Zone: Fostering Good Habits for Healthy Bones in Youth. NASULGC: A University Science and Education Exhibition and Reception on Capitol Hill. Washington DC	March 2008

CONFERENCE PRESENTATIONS

Whisner CM, Thomas CE, O'Brien KO. Placental megalin and cubilin expression with markers of vitamin D status but not fetal bone growth during adolescent pregnancy. *FASEB J.* 2016;30:128.4. April, 2016. Experimental Biology, San Diego, California.

Whisner CM, Bruening M. Associations between physical activity and the intestinal microbiome of college freshmen. *FASEB J.* 2016;30:146.2. April, 2016. Experimental Biology, San Diego, California.

Ellis ME, O'Brien KO, Cooper EM, Pressman EK, **Whisner CM**. A Comparison of Nutrition Knowledge and Behaviors of Low Income Pregnant Adolescents and Adults. *FASEB J.* 2015;29:395.6. March, 2015. Experimental Biology, Boston, Massachusetts.

Whisner CM, Pressman EK, Young BE, Cooper E, Queenan RA, O'Brien KO. Adipokines and fetal fat accretion in pregnant teens. *FASEB J.* 2013;27:111.8 April, 2013. Experimental Biology, Boston, Massachusetts.

Whisner CM, Martin BR, McCabe GP, McCabe LD, Weaver CM. Soluble corn fiber effects on calcium absorption and retention in adolescent girls and boys. *FASEB J.* 2012; 26: 373.4. Experimental Biology, San Diego, California.

Whisner CM, Martin BR, Clavijo A, Nakatsu CH, McCabe GP, van den Heuvel EGHM, Schoterman MHC, Weaver CM. Galactooligosaccharides: Effects on calcium absorption and gut microflora in young premenarcheal girls. 8th International Symposium on Nutritional Aspects of Osteoporosis, Lausanne, Switzerland, May 19, 2012.

REFEREED ABSTRACTS AND POSTERS

Crawford M, **Whisner CM**, Sweazea KL. Preliminary examination of changes in the intestinal microbiota induced by high fat feeding in male adolescent rats. October 2016; Arizona Physiological Society, Tucson, Arizona.

Crawford M, **Whisner CM**, Sweazea KL. Preliminary examination of changes in the intestinal microbiota induced by high fat feeding in male adolescent rats. November 2016; Sigma Xi, The Scientific Research Society, Atlanta, Georgia.

Journey E, Hotz R-L, Bruening M, **Whisner CM**. Assessing relationships between dietary intake, gut microbiota and weight among a diverse cohort of college freshmen. FASEB J. 2016;30:1166.10. April, 2016. Experimental Biology, San Diego, California.

Whisner CM, Wang H, Felix S, Maciejewski R. Mining the Twitter-sphere for consumer attitudes towards dairy. FASEB J. 2016;30:897.2. April, 2016. Experimental Biology, San Diego, California.

Vander Wyst KB, Calvin SL, **Whisner CM**, Petrov ME. Sleep, diet and physical activity among sex trafficked or sexually abused adolescents. Arizona State University, Institute for Social Science Research, Graduate Student Poster Competition. March, 2016, Phoenix, AZ.

Whisner CM, Martin BR, Nakatsu CH, Weaver CW. The case of the non-responder in prebiotic-induced calcium absorption in adolescents. 9th International Symposium on Nutritional Aspects of Osteoporosis, Montreal, Canada, June 17-20, 2015;P27.

Argent A, Bever J, Bruening M, Reifsnider E, **Whisner C**. The influence of maternal diet on in utero and postnatal fetal adiposity among diverse pregnant adolescents: a pilot study. Western Institute of Nursing. 2015. Albuquerque, New Mexico

Whisner CM, Cooper EM, Pressman EK, O'Brien KO. Infant cord cortisol is impacted by birth size in pregnant adolescents. Reproductive Sciences. 2014;21(3 supp):345A. Florence, Italy.

Whisner CM, Cooper BM, Pressman EK, O'Brien KO. A brief survey of digital media access among pregnant teens. FASEB J. 2014;28:806.21. Experimental Biology, Boston, Massachusetts.

Whisner CM, Nakatsu CH, Martin BR, McCabe LD, McCabe GP, Weaver CM. Soluble corn fiber (SCF) modulates calcium absorption by altering colonic microbiota. FASEB J. 2013;27:1056.1. Experimental Biology, Boston, Massachusetts

Whisner CM, Pressman EK, Young BE, Cooper EM, Queenan RA, O'Brien KO. Does pre-pregnancy BMI, gestational weight gain and dietary intake in pregnant teens influence fetal fat accretion? Reproductive Sciences. 2013;20(3 supp):217A. Orlando, Florida.

Whisner CM, Young BE, McNanley T, Queenan RA, Cooper E, Witter F, Harris ZL, O'Brien KO. An explanatory study to identify the role of calcium and vitamin D in fetal bone growth

compared to maternal bone loss among pregnant adolescents. Vitamin D: Beyond Bone. New York Academy of Science, New York, New York, September 21, 2012.

Whisner CM, Martin BR, Clavijo A, Nakatsu CH, McCabe GP, van den Heuvel EGHM, Schoterman MHC, Weaver CM. Galactooligosaccharides: Effects on calcium absorption and gut microflora in young premenarcheal girls. FASEB J. 2012; 26: 625.5. Experimental Biology, San Diego, California.

Whisner CM, Martin BR, McCabe GP, McCabe LD, Weaver CM. Soluble corn fiber effects on calcium absorption and retention in adolescent girls and boys. Health and Human Sciences Chronic Disease Research Interest Group Poster Session, Purdue University, April 22, 2012.

Martin BR, **Whisner CM**, Delaney L, Weaver CM. Race, diet, and body size contribute to skeletal parameters in female adolescents. FASEB J. 2012; 26: 378.3. Experimental Biology, San Diego, California.

Whisner CM, Martin BR, Clavijo A, Nakatsu CH, McCabe GP, van den Heuvel EGHM, Schoterman MHC, Weaver CM. Soluble corn fiber effects on calcium absorption and retention in adolescent girls and boys. Interdepartmental Nutrition Program Poster Session, Purdue University, February 24, 2012.

TEACHING, MENTORING & OUTREACH

ASU TEACHING

<u>Course</u>	<u>Semester</u>	<u>Enrollment</u>	<u>Overall Instructor Score</u>
<i>Arizona State University, Downtown Phoenix</i>			
NTR535: Nutrigenomics			
O-Course	Fall 2016	3	TBD
I-Course	Fall 2016	19	TBD
NTR440: Advanced Human Metabolism: Micronutrients			
	Fall 2016	56	TBD
	Spring 2016	36	4.94 / 5.00
	Fall 2015	47	4.93 / 5.00
	Spring 2015	36	4.67 / 5.00
	Fall 2014	36	4.21 / 5.00

GUEST LECTURES AT ASU

Nutrigenomics , NTR444 Medical Nutrition Therapy, School of Nutrition and Health Promotion, Arizona State University	Fall 2016
	Spring 2015
The Human Microbiome And its Role in Obesity , OBS598 Obesity Management and Prevention, School of Nutrition and Health Promotion, Arizona State University	Fall 2015
	Fall 2015

The Human Microbiome And its Role in Obesity, EXW598 Obesity Perspectives and Prescriptions, School of Nutrition and Health Promotion, Arizona State University
 Fall 2016
 Fall 2015

TEACHING AT OTHER INSTITUTIONS

<u>Course</u>	<u>Semester</u>	<u>Enrollment</u>	<u>Overall Instructor Score</u>
<i>Purdue University</i>			
FN424: Nutrition Communications			
Limited-term Lecturer	Spring 2012	29	4.7 / 5.0
Teaching Assistant	Fall 2011	40	4.6 / 5.0
	Fall 2010	26	4.7 / 5.0
	Spring 2010	46	4.2 / 5.0
	Fall 2009	28	4.6 / 5.0
	Spring 2009	28	4.7 / 5.0

STUDENT AWARDS

Journey, Elizabeth, GPSA Graduate Research Grant (\$2,000) Dec 2015
 Ellis, Megan, Sigma Xi Grant-in-Aid of Research, ASU Chapter (\$200) Apr 2015

COMMITTEE CHAIR – GRADUATE, UNDERGRADUATE HONORS, & SCHOLARLY PROJECTS

Doctoral Students

Vander Wyst, Kiley (PhD, Physical Activity, Wellness, and Nutrition Interdisciplinary Doctorate, Arizona State University) 2016 - present
 Dissertation: TBD

Masters Students

Dente, Brandon (MS, Nutrition, Arizona State University) 2016 - present
 Thesis: TBD

King, Jessica (MS-DI, Nutrition, Arizona State University) 2016 - present
 Thesis: TBD

Mahmood, Tara (MS, Nutrition, Arizona State University) 2016 - present
 Thesis: TBD

Paver, Stephanie (MSD, Nutrition, Arizona State University) 2015 - present
 Thesis: TBD

Journey, Elizabeth (MS-DI, Nutrition, Arizona State University) 2015 - present
 Thesis: A Pilot Study to Assess Nutrition Knowledge and Behaviors of Low-Income, Pregnant Adolescents and Adult Women

Hotz, Ricci-Lee (MS-DI, Nutrition, Arizona State University) 2014 - 2016
 Thesis: Do Weight and Diet Impact the Gut Microbiome in Healthy College Students Living in the Dorms?: A Cross-Sectional Observational Analysis

Ellis, Megan (MS-DI, Nutrition, Arizona State University) 2014 – 2016
Thesis: A Pilot Study to Assess Nutrition Knowledge and Behaviors of Low-Income, Pregnant Adolescents and Adult Women

Undergraduate Honors Students

Esch, Patricia (Barrett Honors Senior Thesis, Arizona State University) 2016 - present
Thesis: TBD

Norwood, Katrina (Barrett Honors Senior Thesis, Nutrition, Arizona State University) 2016 - present
Thesis: TBD

Chrystina Gunnare (Barrett Honors Senior Thesis, Nutrition, Arizona State University) 2014 - 2015
Thesis: Development of a clinically relevant brochure about the baby friendly hospital initiative

Undergraduate Capstone Projects

Kuamo'o, Amber (Capstone Senior Project, Microbiology, Arizona State University) 2016 - present
Scholarly Project: TBD

Nardi, Tiffany (Capstone Senior Project, Biology, Arizona State University) 2016 - present
Scholarly Project: TBD

Tarver, Michael (Capstone Senior Project, Biology, Arizona State University) 2016 - present
Scholarly Project: TBD

Committee Member

Doctoral Students

Crawford, Meli'sa (PhD, Biological Sciences, Arizona State University) 2016 - present
Dissertation: TBD; Chair: Dr. Karen Sweazea

Jarrett, Catherine (PhD, Physical Activity, Wellness, and Nutrition Interdisciplinary Doctorate, Arizona State University) 2016 - present
Dissertation: TBD; Chair: Dr. Glenn Gaesser

Argent, Autumn (PhD, Nursing and Health Innovation, Arizona State University) 2015 - present
Dissertation: TBD; Chair: Dr. Elizabeth Reifsnider

Tucker, Wesley (PhD, Physical Activity, Wellness, and Nutrition Interdisciplinary Doctorate, Arizona State University) 2015 - 2016
Dissertation: Effects Of A Fat-Sugar Supplemented Diet, With And Without Exercise Training, On Body Fat Mass and Selected Cardiometabolic Risk Markers In Overweight And Obese, Sedentary Males; Chair: Dr. Glenn Gaesser

Arnold, Taylor (PhD, Physical Activity, Wellness, and Nutrition Interdisciplinary Doctorate, Arizona State University) 2014 - 2016
 Dissertation: Assessing the Impact of Oral Vitamin B12 Supplementation on Vibration Sensitivity, Dexterity, and Balance in Young Adult Vegetarians and Vegans; Chair: Dr. Carol Johnston

Masters Students

Miller, Brendan (MS, Nutrition, Arizona State University) 2014 - 2016
 Thesis: The Effect of Vitamin D Supplementation on Plasma Aβ in an Older Population: A Randomized Control Trial; Chair: Dr. Carol Johnston

Nelson, Stephanie (MS-DI, Nutrition, Arizona State University) 2014 - 2016
 Thesis: The Association between In-State and Out-of-State Residency Status, Social Connectedness and Nutrition and Physical Activity Behaviors among Diverse College Freshmen, Chair: Dr. Meg Bruening

Undergraduate Honors Students

Gadau, Alice ((Barrett Honors Senior Thesis, Health Sciences, Arizona State University) 2016 - present
 Thesis: Studying the effect of ground turmeric on constipation and bowel movement regularity; Chair: Dr. Karen Sweazea

Ugarte, Noel (Barrett Honors Senior Thesis, Nutrition, Arizona State University) 2015 - present
 Thesis: Studying the effect of ground turmeric on constipation and bowel movement regularity; Chair: Dr. Carol Johnston

Patel, Kapila ((Barrett Honors Senior Thesis, Nutrition, Arizona State University) 2015 - 2016
 Thesis: Evaluating Changes in the Gut Microbial Composition, Diet, and Overall Health in Children in the Nutrition and Health Awareness Program; Chair: Dr. Rosa Krajmalnik-Brown

Do, Julie (Barrett Honors Senior Thesis, Nutrition, Arizona State University) 2015 - 2016
 Thesis: Turmeric Effects on Serum Lipid Concentration; Chair: Dr. Carol Johnston

UNDEGRADUATE RESEARCH MENTORSHIP

BUILDing SCHOLARS Summer Research Mentor, ASU and University of Texas at El Paso
Castillo-Martinez, Luisa, Chemistry, UTEP Student May 2016 - Jul 2016

SEED Program, ASU
 Mohamad Alkahlout, Engineering, ASU 2015 - 2016

Undergraduate Research Interns, PAID

Dente, Brandon, Nutrition, ASU 2016
Kargar, Sarah, Biology, ASU 2016

Smith, Nicole, Nutrition, ASU

2016

NTR499 Independent Undergraduate Research

Hammon, Leslie, School of Nutrition and Health Promotion, ASU

2016 - Present

McCormick, Kelly, School of Nutrition and Health Promotion, ASU

2016 - Present

Dente, Brandon, School of Nutrition and Health Promotion, ASU

2015 - 2016

Gruberg, Brett, School of Nutrition and Health Promotion, ASU

2015 - 2016

Ringgenberg, Katherine, School of Nutrition and Health Promotion, ASU

2015

Pecor, Nicholas, School of Nutrition and Health Promotion, ASU

2014 – 2015

Rivera, Almarie, School of Nutrition and Health Promotion, ASU

2014 – 2015

NTR499 Independent Undergraduate Research (Group Experience)

Students

Sarah Alyea, Sarah Appleby, Melinda Barnum, Makenna Baum, Alex Berghorst, Sha Charley, Brandon Dente, Monica Diaz, Megan Dzurka, Sydney Ferreira, Teresa Fisher, Anna Gianpetro, Andrea Golfen, Hunter Green, Jessie King, Melissa Lycsynski, Gavin Mack, Carole Matadamas, Abby McGrath, Lexi Nazarro, Oralia Ochoa, Angela Griffen, Almarie Rivera, Kara Robertson, Lisa Rodriguez, Eva Sanchez, Syed Umer, Ashley VanStratum, Ashley Vaso-Aust, Kalah Walden **(30 students)**

Experience Description

Team of students enrolled in a group version of NTR499 – Independent Undergraduate Research. This course was co-led by Dr. Meg Bruening and myself and students assisted with longitudinal devilSPARC (social network effects on dietary and physical activity behaviors and weight gain in college freshmen) and devilWASTE (impact of dietary and physical activity behaviors on weight gain-related changes in the gut microbiome) studies. Students also learned about study designs, research methods, ethics surrounding human subject's research and practiced critiquing the literature through journal clubs.

Semester

Fall 2015

Katy Argo, Alyssa Azuma, Sha Charley, Brandon Dente, Megan Fowler, Cole Humphries, Lenea Logvin, Emily Marashian, Kelly McCormick, Alyssa Nelson, Katrina Norwood, Peter Pace, Kelli Potter, Analeisa Ramos, Janica Sampang, Anna Schmeling, Kristen Steiner, Kalah Walden **(18 students)**

*See description above

Spring 2016

PROFESSIONAL COMMUNITY SERVICE

Session Chair/Moderator for Abstract Presentations, ISNAO Conference, Montreal, Canada	Jun 18, 2015.
Member, American Society for Nutrition (ASN) Public Information Committee	2014 - 2016
Reviewer, FASEB Research Interest Section Abstract Reviewer for Experimental Biology Conference	2013 - 2015
Poster Judge, Sigma Xi International Student Research Conference	Nov 8, 2014
Postdoctoral Student Blogger, American Society for Nutrition Blog	2013 - 2014
Postdoctoral Student Representative, ASN Vitamins and Minerals Research Interest Section	2012 - 2013

UNIVERSITY/COLLEGE/PROGRAM SERVICE

CHS101, Faculty Instructor (College Nutrition Topic with Dr. Meg Bruening, 4 classes)	Fall 2016
Member, Board of Directors, Nutrition Science Alumni Association, Purdue University	2016 - present
Residential College Advisory Board (RCAB), Faculty Affiliate for Chill N' Chats with students on 3 floors at Taylor Place	2016 - present
Member, Nutrition and Health Sciences Scholarship and Awards Committee	2014 - present
Faculty Mentor, Arizona State University Edson Award-winning Startup Company, NeoLight	2014 - present
Nutrition Co-Chair, Student Health Outreach for Wellness (S.H.O.W.) Program	2014 - 2016
Mentor, ASU Startup Summit Innovation Challenge	Sept 2014
SNHP PRN Phlebotomist Search Committee	Dec 2015 & Apr 2016

ACADEMIC SOCIETY MEMBERSHIPS

American Society for Nutrition	2008 - present
American Society for Bone and Mineral Research	2013 - present
Developmental Origins of Health and Disease	2012 - present
Sigma Xi (current member of ASU Chapter, past member of Cornell Chapter)	2013 - present

AD-HOC JOURNAL REVIEWS

Infant, Child, & Adolescent Nutrition
International Journal of Molecular Sciences
Journal of Nutrition
Maternal and Child Health
Molecular Nutrition and Food Research
Nutrients
PLOS ONE

COMMUNITY SERVICE

- Maricopa County Department of Public Health, South Phoenix Health Start Community Action Network** - As part of this group, I led a group of community health workers and other team members in writing a March of Dimes Community Grant. A major goal of this group is to meet monthly to discuss ways that diverse members of the community and healthcare system can address common health problems among mothers, children and families in the greater Phoenix area. April 2015 - present
- StreetLight USA** - Program assessment of current residents' dietary, physical activity and sleep habits with the plan to help implement sustainable changes which improve the mental and physical health of girls who have been or are at risk for sex trafficking. I am also current completing all training in order to be a mentor to one or more of the girls in my free time. Jan 2016 - present
- Girl Scout Troop Nutrition Presentation** - Chandler, AZ: Spent time with the troop talking about healthy eating and making healthy after-school snacks together. Feb 6, 2015