

Corrie M. Whisner, PhD

Associate Professor

College of Health Solutions | Arizona State University

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TRAINING AND EMPLOYMENT

EDUCATION AND TRAINING

Cornell University, Ithaca, New York

Sept 2012 - Jul 2014

USDA NIFA AFRI Postdoctoral Fellow, Division of Nutritional Sciences

Mentor: Kimberly O O'Brien, PhD

Doctor of Philosophy in Nutrition Science

Dec 2011

Purdue University, West Lafayette, Indiana

Dissertation: Prebiotic Effects on Calcium Absorption and Bone Metabolism

Mentor: Connie M. Weaver, PhD

Bachelor of Science in Nutrition Science

May 2007

Purdue University, West Lafayette, Indiana

Honors Thesis: Impact of Dietary Habits related to Beverage Acidity Intake on

Dental Erosion and Bone Fragility Fractures

Mentor: Stacey L. Mobley, PhD

ACADEMIC APPOINTMENTS

Creighton School of Medicine, Phoenix, Arizona

Clinical Associate Professor

Jul 2021 – June 2023

Mayo Clinic, Scottsdale, Arizona

Research Affiliate

Jan 2017 - 2019

Valleywise Health, Phoenix, Arizona

Adjunct Research Affiliate

Jan 2016 - present

Arizona State University, Phoenix, Arizona

Associate Professor, College of Health Solutions

Aug 2020 – present

Assistant Professor, College of Health Solutions

Aug 2014 – Aug 2020

Faculty, Biodesign Institute Health Through Microbiomes Center

2021 – present

Faculty, Biodesign Institute Center for Fundamental & Applied Microbiomics

2018 – 2020

Faculty Mentor, Barrett Honors College

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 lecturer in senior-level nutrition communications course

RESEARCH INTERESTS

Summary: My research explores how early-life experiences—like diet, sleep, and environmental factors—affect the gut microbiome and influence long-term health. I use a combination of multi-omics tools, real-world interventions, and community-based approaches to help prevent metabolic disease and support health equity in high-risk populations.

Topic Areas: human microbiomes and host health • maternal-child health • growth and development in high-risk populations • dietary and hormonal mediators on osteoporosis and obesity risk • lifestyle interventions to prevent and treat chronic diseases • how early exposure to dietary and metabolic factors can influence disease risk later in life

Populations of Interest: infants, children, adolescents, emerging adults, pregnant and lactating women

RESEARCH GRANTS AND HONORS

AWARDS

Faculty Mentorship Award, College of Health Solutions, Arizona State University	2025
Health and Human Sciences Early Career Achievement Award, Purdue University	2020
TRANSCEND Maternal and Child Nutrition Graduate Mentor of the Year	2019
Pat Tillman Veterans Center Honor Roll, Arizona State University	2018
School of Nutrition and Health Promotion Excellence in Teaching and Mentoring	2017
BUILDing Scholars Mentor Award, 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 GRANTS AND PROJECTS

Awarded ongoing grants as an Associate Professor

- | | | |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 15. | Title: Precision cardiovascular health: The role of human and microbial ancestry in Arizona
Source: Arizona Biomedical Research Center, RFGA2024-022-021
Role: Co-Investigator (PI: Suzuki, T)
Amount: \$225,000 (CMW Recognition: \$45,000)
Contribution: Design [x] Aims [x] Research Plan [x] Budget [.] Support Documents [.] | 2025-2028 |
| 14. | Title: Testing implementation strategies for evidence-based physical activity and nutrition education for preschoolers in SAGE
Source: National Institutes of Health, NICHD, R01HD116828
Role: Co-Investigator (PI: Lee, R)
Amount: \$3,873,866 (CMW Recognition: \$387,387)
Contribution: Design [.] Aims [.] Research Plan [x] Budget [.] Support Documents [x] | 2025-2029 |
| 13. | Title: Early Avocado Exposure on Development and the Gut Microbiome in American Hispanic Infants | 2025-2028 |

- Source:** Avocado Nutrition Center, C2024-0066
Role: Co-Principal Investigator (Co-PIs: Peter, B and Liu, L)
Amount: \$348,959 (CMW Recognition: \$118,646)
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [x]
12. **Title:** Interdisciplinary Systems-based Training for Precision Nutrition 2023-2028
Source: National Institutes of Health, NIDDK, T32DK137525
Role: Multi-Program Director (MPI: Liu, L)
Amount: \$1,956,879 (CMW Recognition: \$978,440)
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [x]
11. **Title:** Listen to the villages: A culturally responsive, community engaged process to promote maternal-infant health equity in Indigenous, Black, and Latinx communities in Arizona (NIH Implementing a Maternal Health and PRegnancy Outcomes Vision for Everyone (IMPROVE CIP)) 2023-2025
Source: National Institutes of Health, NHLBI, OT2HL158287
Role: Co-Investigator (PI: Berkel, C)
Amount: \$1,873,710 (CMW Recognition: \$93,686)
Contribution: Design [.] Aims [x] Research Plan [x] Budget [.] Support Documents [x]
- 10b **Title:** Translational Training, Education, and Leadership MCH Nutrition: The TRANSCEND Program 2023-2028
Source: Maternal Child Health Bureau, Health Resources and Services Administration, T7949101 (Renewal)
Role: Site/Sub-Award Principal Investigator (Parent site Penn State University, PI: Bruening, M)
Amount: \$328,085 (CMW Recognition: \$164,043)
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [x]
- 10a **Title:** Translational Training, Education, and Leadership MCH Nutrition: The TRANSCEND training grant (Year 5 – I took over as Site PI for M. Bruening after she departed ASU) 2023
Source: HRSA Maternal Child Health Bureau, T7949101
Role: Site/Sub-Award Principal Investigator (Parent site Penn State University, PI: Bruening, M)
Amount: \$51,668 (CMW Recognition: \$51,668)
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [x]
9. **Title:** Investigating the influences of sleep-wake patterns and gut microbiome development in infancy on rapid weight gain, an early risk factor for obesity; NHLBI, 2020 - 2025
Source: National Institutes of Health, NHLBI, R01HL147931
Role: Multi-Principal Investigator (MPI: Petrov, M)
Amount: \$3,571,554 (CMW Recognition: \$1,250,044)
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [x]
*NOTE: This grant was awarded after submitting tenure and promotion materials and is therefore being counted as an award during Associate Professorship.
8. **Title:** Evaluating the effects of corn meal consumption on cardio-metabolic outcomes and the gut microbiome in adults with high cholesterol 2017 - 2020
Source: North American Millers' Association
Role: Co-Co-Principal Investigator (Co-PI: Vega-Lopez, S)
Amount: \$52,823 (CMW Recognition: \$26,412)
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [x]
7. **Title:** Metabolic tracking during pregnancy to promote adequate gestational weight gain 2017 - 2018
Source: Project HoneyBee, Arizona State University (Intramural)
Role: Co-Investigator (PI: Reifsnider, E)

- Amount:** \$26,516
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [.]
6. **Title:** Sustagrain barley effects on glycemic response 2017
Source: Ardent Mills
Role: Principal Investigator
Amount: \$34,000 (CMW Recognition: \$34,000)
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [x]
 5. **Title:** Diet, vascular health and the gut microbiome in heart failure 2017 - 2018
Source: ASU-MAYO Seed Grant, Arizona State University (Intramural)
Role: Co-Investigator (PI: Gaesser, G)
Amount: \$29,482 (CMW Recognition: \$7,371)
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [.]
 4. **Title:** Effect of vitamin D3 supplementation on dynamic stability 2016 - 2018
Source: Abbott Nutrition
Role: Co-Investigator (PI: Lockhart, T)
Amount: \$122,250 (Co-sponsored project; see #4 below) (CMW Recognition: \$6,113)
Contribution: Design [x] Aims [.] Research Plan [x] Budget [.] Support Documents [.]
 3. **Title:** Effect of vitamin D3 supplementation on dynamic stability 2016 - 2018
Source: DSM Nutrition
Role: Co-Investigator (PI: Lockhart, T)
Amount: \$108,249 (Co-sponsored project; see #5 above) (CMW Recognition: \$5,412)
Contribution: Design [x] Aims [.] Research Plan [x] Budget [.] Support Documents [.]
 2. **Title:** Association of infant feeding, maternal and infant microbiota, and obesity 2015 - 2016
Source: Obesity Solutions, Arizona State University (Intramural)
Role: Co-Investigator (PI: Reifsnider E)
Amount: \$5,000
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [.]
 1. **Title:** Intestinal microbiota profiling in relation to health behaviors and social connections among college-aged freshman 2015
Source: Obesity Solutions, Arizona State University (Intramural)
Role: Co-Principal Investigator (Co-PI: Bruening, M)
Amount: \$5,000
Contribution: Design [x] Aims [x] Research Plan [x] Budget [x] Support Documents [.]

SCHOLARLY ACTIVITIES

- Annotation Key
 - PI = Corrie M. Whisner (CMW) is primary investigator responsible for research (noted under each citation)
 - CA = Corrie M. Whisner (CMW) is corresponding author (noted under each citation)
 - Mentored Students on publications (includes trainees for whom I served as committee chair or as a member of their thesis defense committees and/or course project mentor)
 - o Underlined names represent graduate student mentees
 - o Underlined italicized names represent undergraduate student mentees
 - o Double underlined names represent postdoctoral scholars
 - Contributions. For each journal article, my contributions to the work are listed in five broad categories of (1) design, (2) data collection, (3) data analysis, (4) interpretations, and (5) writing and editing.

PUBLICATIONS

2025

62. Khatib M, Shah R, Mendhe S, **Whisner C**, Buman M. Bridging the divide: barriers and facilitators to equitable community-academic partnerships in health research. *Frontiers in Public Health*. 2025;13:1617908. <https://doi.org/10.3389/fpubh.2025.1617908>.
 - Article Metrics: #C=1; Altmetric=0
 - Journal Metrics: IF=3.4; H-Index=119; SRJ=1.027; Q1 in Public Health, Environmental and Occupational Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
61. Mamun A, Arefeen A, Racette SB, Sears DD, **Whisner CM**, Buman MP, Ghasemzadeh H. LLM-Powered Prediction of Hyperglycemia and Discovery of Behavioral Treatment Pathways from Wearables and Diet. *Sensors*. 2025;25(17):5372. <https://doi.org/10.3390/s25175372>.
 - Article Metrics: #C=1; Altmetric=3 (Mentions=4; Citations=2; Mendeley Reads=7)
 - Journal Metrics: IF=3.5; H-Index=273; SRJ=0.764; Q2 in Medicine (miscellaneous)
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
60. Mohr AE, Mach N, Pugh J, Grosicki GJ, Allen JM, Karl JP, **Whisner CM**. Mechanisms underlying alterations of the gut microbiota by exercise and their role in shaping ecological resilience. *FEMS Microbiology Reviews*. 2025;49:fuaf037. <https://doi.org/10.1093/femsre/fuaf037>.
 - Article Metrics: #C=2; Altmetric=0
 - Journal Metrics: IF=13.4; H-Index=261; SRJ=3.408; Q1 in Immunology and Microbiology
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
59. Mohr AE, Jasbi P, van Woerden I, Bowes DA, Chi J, Gu H, Bruening M, **Whisner CM**. Longitudinal assessment of food insecurity status on the gut microbiome and metabolome of first-year college students. *British Journal of Nutrition*. 2025;133(12):1473-1486. <https://doi.org/10.1017/S0007114525103668>.
 - Article Metrics: #C=2; Altmetric=0
 - Journal Metrics: IF=3.0; H-Index=230; SRJ=0.896; Q2 in Nutrition & Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
58. Gutierrez M, Bruening M, Todd M, Schuchardt C, **Whisner CM**, Lee RE. Language spoken at home and preschooler dietary quality at early care and education facilities that serve children from families with low income. *Journal of Nutrition Education and Behavior*. 2025;57(5):407-415. <https://doi.org/10.1016/j.jneb.2025.01.015>.
 - Article Metrics: #C=0; Altmetric=0
 - Journal Metrics: IF=2.3; H-Index=94; SRJ=0.714; Q2 in Nutrition & Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
57. Mohr AE, **Whisner CM**. Effects of corn flour consumption on human health across the lifespan: A scoping review. *Journal of Nutrition*. 2025;155(6):1571-1582. <https://doi.org/10.1016/j.tjnut.2025.03.028>.
 - PI; CA
 - Article Metrics: #C=0; Altmetric=0
 - Journal Metrics: IF=3.7; H-Index=299; SRJ=1.098; Q1 in Nutrition & Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
56. Figueiredo de Sousa M, Ling J, Asquiere E, **Whisner C**, Sweazea KL. Examination of a novel dietary fiber formulation on morphology and nutritional physiology of young male Sprague-Dawley rats fed a high fat diet. *PeerJ*. 2025; 13:e19029. <https://doi.org/10.7717/peerj.19029>.
 - Article Metrics: #C=0; Altmetric=0
 - Journal Metrics: IF=2.7; H-Index=110; SRJ=0.623; Q2 Biochemistry, Genetics and Molecular Biology (miscellaneous)
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
55. Fleming SA, Paul TL, Freedman Fleming RA, Ventura AK, McCrory MA, **Whisner CM**, Spagnuolo PA, Dye L, Kraft J, Ford NA. Exploring Avocado Consumption and Health: A Scoping Review and Evidence Map. *Exploring Avocado Consumption and Health: A Scoping Review and Evidence Map. Frontiers in Nutrition*. 2025;12:1488907. <https://doi.org/10.3389/fnut.2025.1488907>.
 - Article Metrics: #C=0; Altmetric=1 (Mentions=2; Citations=0; Mendeley Reads=2)

- Journal Metrics: IF=4.0; H-Index=77; SRJ=0.828; Q2 in Nutrition & Dietetics
- Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

2024

54. Mohr AE, Jasbi P, van Woerden I, Chi J, Gu H, Bruening M, **Whisner CM**. Microbial Ecology and Metabolism of Emerging Adulthood: Gut Microbiome Insights from a College Freshman Cohort. Gut Microbes Reports. 2024;1(1):1-23. <https://doi.org/10.1080/29933935.2024.2387936>.
 - PI; CA
 - Article Metrics: #C=0; Altmetric=2 (Mentions=2; Citations=0; Mendeley Reads=3)
 - Journal Metrics: IF=N/A; H-Index=N/A; SRJ=N/A
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
53. Mohr AE, Ortega-Santos CP, **Whisner CM**, Klein-Seetharaman, Jasbi P. Navigating challenges and opportunities in multi-omics integration for personalized healthcare. Biomedicines. 2024;12(7):1496. <https://doi.org/10.3390/biomedicines12071496>.
 - Article Metrics: #C=46; Altmetric=1 (Mentions=1; Citations=33; Mendeley Reads=128)
 - Journal Metrics: IF=4.1; H-Index=67; SRJ=0.962; Q1 Biochemistry, Genetics and Molecular Biology (miscellaneous)
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
52. Liedike B, Khatib M, Tabarsi B, Harris M, Wilson SL, Ortega-Santos CP, Mohr AE, Vega-López S, **Whisner CM**. Evaluating the effects of corn flour product consumption on cardio-metabolic outcomes and the gut microbiota in adults with elevated cholesterol: A randomized Crossover. Journal of Nutrition. 2024;154(8):2437. <https://doi.org/10.1016/j.tjn.2024.06.003>.
 - PI; CA
 - Article Metrics: #C=1; Altmetric=369 (Mentions=50; Citations=1; Mendeley Reads=61) 47 news outlets
 - Journal Metrics: IF=3.7; H-Index=299; SRJ=1.098; Q1 in Nutrition & Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
51. Mohr AE, Sweazea KL, Bowes DA, Jasbi P, **Whisner CM**, Sears DD, Krajmalnik-Brown R, Jin Y, Gu H, Klein-Seetharaman, Arciero KM, Gumprecht E, Arciero PJ. Gut microbiome remodeling and metabolomic profile improves in response to protein pacing with intermittent fasting versus continuous caloric restriction. Nature Communications. 2024;15:4155. <https://doi.org/10.1038/s41467-024-48355-5>.
 - Article Metrics: #C=20; Altmetric=553 (Mentions=144; Citations=15; Mendeley Reads=123) 65 news outlets
 - Journal Metrics: IF=14.7; H-Index=522; SRJ=4.887; Q1 Biochemistry, Genetics and Molecular Biology (miscellaneous)
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
50. Olson M, Toffoli S, Vander Wyst KB, Zhou F, Reifsnider E, Petrov ME, **Whisner CM**. Associations of infant feeding, sleep, and weight gain with the toddler gut microbiome. Microorganisms. 2024;12(3):549; <https://doi.org/10.3390/microorganisms12030549>.
 - PI; CA
 - Article Metrics: #C=1; Altmetric=2 (Mentions=3; Citations=1; Mendeley Reads=22)
 - Journal Metrics: IF=4.1; H-Index=87; SRJ=0.944; Q2 in Microbiology (medical)
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
49. Ma O, Dutta A, Bliss DW, Nakatsu CH, Weaver CM, **Whisner CM**. Identifying gut microbiome features that predict responsiveness toward a prebiotic capable of increasing calcium absorption: A pilot study. Calcified Tissue International and Musculoskeletal Research. 2024;114(5):513. PI; CA <https://doi.org/10.1007/s00223-024-01201-8>.
 - PI; CA
 - Article Metrics: #C=3; Altmetric=0
 - Journal Metrics: IF=3.8; H-Index=132; SRJ=1.016; Q2 in Endocrinology, Diabetes, & Metabolism
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
48. Petrov ME, Liu L, Mudappathi R, **Whisner CM**. Actigraphic Sleep Patterns are associated with Bone Turnover and Bone Mineral Density among University Students. Journal of Sleep Research. 2024;33(6):e14192. <https://doi.org/10.1111/jsr.14192>.
 - PI; CA
 - Article Metrics: #C=1; Altmetric=1 (Mentions=1; Citations=0; Mendeley Reads=6)

- *Journal Metrics: IF=3.4; H-Index=139; SRJ=1.411; Q1 in Medicine (miscellaneous)*
 - *Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]*
47. Sieck NE, Bruening M, van Woerden I, **Whisner CM**, Payne-Sturges DC. Effects of behavioral, clinical, and policy interventions in reducing human exposure to bisphenols and phthalates: A scoping review. *Environmental Health Perspectives*. 2024;132(3):036001. <https://doi.org/10.1289/EHP11760>.
- *Article Metrics: #C=12; Altmetric=7 (Mentions=1; Citations=12; Mendeley Reads=8)*
 - *Journal Metrics: IF=10.3; H-Index=326; SRJ=2.525; Q1 in Public Health, Environmental & Occupational Health*
 - *Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]*
46. Ganuza E, Etomi EH, Olson M, **Whisner CM**. Omega-3 Eicosapentaenoic Polar-Lipid Rich Extract from Microalgae *Nannochloropsis* Decreases Plasma Triglycerides and Cholesterol in a Real-World Normolipidemic Supplement Consumer Population. *Frontiers in Nutrition*. 2024;11:1293909. <https://doi.org/10.3389/fnut.2024.1293909>.
- *Article Metrics: #C=3; Altmetric=12 (Mentions=8; Citations=4; Mendeley Reads=17)*
 - *Journal Metrics: IF=4.0; H-Index=77; SRJ=0.828; Q2 in Nutrition & Dietetics*
 - *Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]*
45. Petrov ME, Calvin S, Vander Wyst KB, **Whisner CM**, Meltzer LJ, Chen AC-C, Felix KN, Roe-Sepowitz D. Sleep Disturbances and Hygiene of Adolescent Female Survivors of Domestic Minor Sex Trafficking. *Journal of Pediatric Health Care*. 2024;38(1):52. <https://doi.org/10.1016/j.pedhc.2023.07.006>.
- *Article Metrics: #C=0; Altmetric=1 (Mentions=2; Citations=0; Mendeley Reads=24)*
 - *Journal Metrics: IF=2.5; H-Index=110; SRJ=0.594; Q2 in Pediatrics, Perinatology, & Child Health*
 - *Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]*

2023

44. Mohr AE, Ahern M, Sears DD, Bruening M, **Whisner CM**. Gut Microbiome Diversity, Variability, and Latent Community Types Track with Shifts in Body Weight During the Freshman Year of College in Dormitory-Housed Adolescents. *Gut Microbes*. 2023;15(2):2250482. <https://doi.org/10.1080/19490976.2023.2250482>.
- *PI; CA*
 - *Article Metrics: #C=6; Altmetric=1 (Mentions=2; Citations=4; Mendeley Reads=36)*
 - *Journal Metrics: IF=12.3; H-Index=57; SRJ=3.075; Q1 in Microbiology (Medical)*
 - *Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]*
43. Beltran DG, **Whisner CM**, Krems JA, Todd PM, Aktipis A. Food scarcity and disease concern reduce interdependence when people eat together. *European Journal of Social Psychology*. 2023;53(6):1245. <https://doi.org/10.1002/ejsp.2972>.
- *Article Metrics: #C=3; Altmetric=3 (Mentions=4; Citations=3; Mendeley Reads=3)*
 - *Journal Metrics: IF=2.8; H-Index=134; SRJ=1.630; Q1 in Social Psychology*
 - *Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]*
42. Wilson SL, Crosley-Lyons R, Junk J, Hasanaj K, Larouche ML, Hollingshead K, Gu H, **Whisner C**, Sears DD, Buman M. Effects of increased standing and light intensity physical activity to improve postprandial glucose in sedentary office workers: Protocol for a randomized crossover trial. *JMIR Research Protocols*. 2023;12:e45133. <https://doi.org/10.2196/45133>.
- *Article Metrics: #C=1; Altmetric=2 (Mentions=5; Citations=0; Mendeley Reads=38)*
 - *Journal Metrics: IF=1.4; H-Index=41; SRJ=0.461; Q3 in Medicine (miscellaneous)*
 - *Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]*
41. Bowes DA, Driver EM, Savic S, Cheng Q, **Whisner CM**, Krajmalnik-Brown R, Halden RU. Integrated multiomic wastewater-based epidemiology can elucidate population-level dietary behaviour and inform public health nutrition assessments. *Nature Food*. 2023;4(3):257. <https://doi.org/10.1038/s43016-023-00717-w>.
- *Article Metrics: #C=10; Altmetric=38 (Mentions=20; Citations=10; Mendeley Reads=31)*
 - *Journal Metrics: IF=25.0; H-Index=57; SRJ=4.891; Q1 in Food Science (#2 in subject category)*
 - *Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]*

2022

40. Ortega-Santos CP, Al-Nakkash L, **Whisner CM**. Exercise and/or Genistein Do Not Revert 24-Week High-Fat, High-Sugar Diet-Induced Gut Microbiota Diversity Changes in Male C57BL/6J Adult Mice. *Microorganisms*. 2022;10(11):2221. <https://doi.org/10.3390/microorganisms10112221>.
 - CA
 - Article Metrics: #C=4; Altmetric=1 (Mentions=1; Citations=1; Mendeley Reads=36)
 - Journal Metrics: IF=4.1; H-Index=87; SRJ=0.944; Q2 in Microbiology (medical)
 - Contributions: Design [..], Data Collection [..], Data Analysis [x], Interpretations [x], Writing & Editing [x]
39. Mohr AE, Jasbi P, Bowes DA, Dirks B, **Whisner CM**, Arciero KM, Poe M, Gu H, Gumprich E, Sweazea KL, Arciero PJ. Exploratory Analysis of One Versus Two-Day Intermittent Fasting Protocols on the Gut Microbiome and Plasma Metabolome in Adults with Overweight/Obesity. *Frontiers in Nutrition*. 2022. 9:1036080. <https://doi.org/10.3389/fnut.2022.1036080>.
 - Article Metrics: #C=24; Altmetric=8 (Mentions=16; Citations=19; Mendeley Reads=55)
 - Journal Metrics: IF=4.0; H-Index=77; SRJ=0.828; Q2 in Nutrition & Dietetics
 - Contributions: Design [..], Data Collection [..], Data Analysis [..], Interpretations [x], Writing & Editing [x]
38. Mohr AE, Jasbi P, Vander Wyst KB, van Woerden I, Shi X, Gu H, **Whisner CM***, Bruening M*. Associations of food insecurity on gut microbiome and metabolome profiles in a diverse college-based sample. *Scientific Reports*. 2022;12:14358. <https://doi.org/10.1038/s41598-022-18515-y>. *Denotes co-senior and corresponding authorship
 - PI; CA
 - Article Metrics: #C=16; Altmetric=15 (Mentions=7; Citations=13; Mendeley Reads=49)
 - Journal Metrics: IF=4.3; H-Index=315; SRJ=0.900; Q1 in Multidisciplinary
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
37. Kapsetaki SE, Marquez Alcaraz G, Maley CC, **Whisner CM***, Aktipis A*. Diet, microbes, and cancer across the tree of life: a systematic review. *Current Nutrition Reports*. 2022;11(3):508-525. <https://doi.org/10.1007/s13668-022-00420-5>. *Denotes co-senior authorship
 - PI; CA
 - Article Metrics: #C=18; Altmetric=136 (Mentions=37; Citations=15; Mendeley Reads=47)
 - Journal Metrics: IF=4.6; H-Index=45; SRJ=1.085; Q1 in Nutrition & Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
36. Jasbi P, Mohr AE, Shi X, Mahmood T, Zhu Q, Bruening M, Gu H, **Whisner CM**. Microbiome and metabolome profiles of high screen time in a cohort of healthy college students. *Scientific Reports*. 2022;12:3452. <https://doi.org/10.1038/s41598-022-07381-3>.
 - PI; CA
 - Article Metrics: #C=16; Altmetric=22 (Mentions=17; Citations=15; Mendeley Reads=59)
 - Journal Metrics: IF=4.3; H-Index=315; SRJ=0.900; Q1 in Multidisciplinary
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
35. Mohr AE, Pugh J, O'Sullivan O, Black K, Townsend JR, Pyne DB, Wardenaar FC, West NP, **Whisner CM**, McFarland LV. Best practices for probiotic research in athletic and physically active populations: Guidance for future randomized controlled trials. *Frontiers in Nutrition*. 2022;9:809983. <https://doi.org/10.3389/fnut.2022.809983>.
 - Article Metrics: #C=17; Altmetric=10 (Mentions=18; Citations=16; Mendeley Reads=48)
 - Journal Metrics: IF=4.0; H-Index=77; SRJ=0.828; Q2 in Nutrition & Dietetics
 - Contributions: Design [..], Data Collection [..], Data Analysis [..], Interpretations [x], Writing & Editing [x]
34. **Whisner CM**, Brown JC, Larson DM, Alonso Rodriguez L, Peter B, Reifsnider E, Bever J, Liu L, Raczyński E, Rosales Chavez J-B, Ojinnaka C, Berkel C, Bruening M. A New American University Model for Training the Future MCH Workforce Through a Translational Research Team. *Maternal and Child Health Journal*. 2022;26:10-19. <https://doi.org/10.1007/s10995-021-03349-3>.
 - Article Metrics: #C=0; Altmetric=1 (Mentions=1; Citations=0; Mendeley Reads=32)
 - Journal Metrics: IF=2.3; H-Index=103; SRJ=0.823; Q1 in Pediatrics, Perinatology, & Child Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

2021

33. van Woerden I, Payne-Sturges DC, **Whisner CM**, Bruening M. Dietary quality and bisphenols: trends in bisphenol A, F, and S exposure in relation to the Healthy Eating Index using representative data from the NHANES 2007–2016. *The American Journal of Clinical Nutrition*. 2021;114(2):669–682.
<https://doi.org/10.1093/ajcn/nqab080>.
 - Article Metrics: #C=17; Altmetric=7 (Mentions=1; Citations=14; Mendeley Reads=39)
 - Journal Metrics: IF=6.5; H-Index=378; SRJ=1.883; Q1 in Nutrition & Dietetics
 - Contributions: Design [], Data Collection [], Data Analysis [], Interpretations [x], Writing & Editing [x]
32. Petrov ME, Jiao N, Panchanathan SS, Reifsnider E, Coonrod DV, Liu L, Krajmalnik-Brown R, Gu H, Davidson LA, Chapkin RS, **Whisner CM**. Protocol of the Snuggle Bug/Acurrucadito Study: a longitudinal study investigating the influences of sleep-wake patterns and gut microbiome development in infancy on rapid weight gain, an early risk factor for obesity. *BMC Pediatrics*. 2021;21:374.
<https://doi.org/10.1186/s12887-021-02832-8>.
 - PI; CA
 - Article Metrics: #C=11; Altmetric=3 (Mentions=4; Citations=6; Mendeley Reads=123)
 - Journal Metrics: IF=2.4; H-Index=100; SRJ=0.676; Q2 in Pediatrics, Perinatology, & Child Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
31. Wu T, Forzani E, **Whisner C**, Jackemeyer D. Long-Term Resting Metabolic Rate Analysis in Pregnancy and Weight Loss Interventions. *International Journal of Prognostics and Health Management*. 2021;12(4): <https://doi.org/10.36001/ijphm.2021.v12i4.3077>.
 - Article Metrics: #C=1; Altmetric=0
 - Journal Metrics: IF=1.7; H-Index=29; SRJ=0.408; Q2 in Computer Science
 - Contributions: Design [x], Data Collection [x], Data Analysis [], Interpretations [x], Writing & Editing [x]
30. Petrov ME*, **Whisner CM***, McCormick D, Todd M, Reyna L, Reifsnider E. Sleep-wake patterns in newborns are associated with infant rapid weight gain and incident adiposity in toddlerhood. *Pediatric Obesity*. 2021;16(3):e12726. <https://doi.org/10.1111/ijpo.12726>. *denotes equal first-author contributions
 - Article Metrics: #C=17; Altmetric=2 (Mentions=3; Citations=11; Mendeley Reads=128)
 - Journal Metrics: IF=2.7; H-Index=85; SRJ=1.200; Q1 in Pediatrics, Perinatology, & Child Health
 - Contributions: Design [], Data Collection [], Data Analysis [x], Interpretations [x], Writing & Editing [x]
29. Vander Wyst K B, Ortega-Santos CP, Toffoli SN, Lahti CE, **Whisner C**. Diet, adiposity, and the gut microbiota from infancy to adolescence: A systematic review. *Obesity Reviews*. 2021;22(5):e13175.
<https://doi.org/10.1111/obr.13175>.
 - PI; CA
 - Article Metrics: #C=30; Altmetric=4 (Mentions=9; Citations=19; Mendeley Reads=71)
 - Journal Metrics: IF=8.0; H-Index=199; SRJ=2.818; Q1 in Public Health, Environmental & Occupational Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
28. Arias-Gastéllum M, Lindberg NM, Leo MC, Bruening M, **Whisner CM**, Der Ananian C, Hooker SP, LeBlanc ES, Stevens VJ, Shuster E, Meenan RT, Gille S, Vaugh KA, Turner A, Vega-López S. Dietary patterns with healthy and unhealthy traits among overweight/obese Hispanic women with or at high risk for type 2 diabetes. *Journal of Racial and Ethnic Health Disparities*. 2021;8:293–303.
<https://doi.org/10.1007/s40615-020-00782-y>.
 - Article Metrics: #C=11; Altmetric=6 (Mentions=1; Citations=8; Mendeley Reads=46)
 - Journal Metrics: IF=3.5; H-Index=49; SRJ=1.550; Q1 in Public Health, Environmental & Occupational Health
 - Contributions: Design [], Data Collection [], Data Analysis [], Interpretations [x], Writing & Editing [x]

2020

27. Ortega-Santos CP, Al-Nakkash L, **Whisner CM**. Exercise and/or Genistein Treatment Impact Gut Microbiota and Inflammation after 12 Weeks on a High-Fat, High-Sugar Diet in C57BL/6 Mice. *Nutrients*. 2020;12(11):3410. <https://doi.org/10.3390/nu12113410>.
 - CA
 - Article Metrics: #C=25; Altmetric=1 (Mentions=2; Citations=19; Mendeley Reads=68)
 - Journal Metrics: IF=4.8; H-Index=209; SRJ=1.301; Q1 in Nutrition and Dietetics
 - Contributions: Design [], Data Collection [], Data Analysis [x], Interpretations [x], Writing & Editing [x]

26. Vander Wyst KB, Buman MP, Shaibi GQ, Petrov ME, Reifsnider E, **Whisner CM**. Resting Energy Expenditure Relationship with Macronutrients and Gestational Weight Gain: A Pilot Study. *Nutrients*. 2020;12(2):450. <https://doi.org/10.3390/nu12020450>.
 - PI; CA
 - Article Metrics: #C=8; Altmetric=0
 - Journal Metrics: IF=4.8; H-Index=209; SRJ=1.301; Q1 in Nutrition and Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
25. Journey EK, Ortega-Santos CP, Bruening M, **Whisner CM**. Changes in Weight Status and the Intestinal Microbiota among College Freshman, 18 Years of Age. *Journal of Adolescent Health*. 2020;66(2):166-171. <https://doi.org/10.1016/j.jadohealth.2019.06.005>.
 - PI; CA
 - Article Metrics: #C=12; Altmetric: 2 (Mentions=4; Citations=9; Mendeley Reads=44)
 - Journal Metrics: IF=6.1; H-Index=193; SRJ=1.888; Q1 in Pediatrics, Perinatology, & Child Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

2019

24. Vander Wyst KB, Quintana G, Balducci J, **Whisner CM**. Comparison and Characterization of Prenatal Nutrition Counseling among Large-for-Gestational Age Deliveries by Pre-Pregnancy BMI. *Nutrients*. 2019;11:3018. <https://doi.org/10.3390/nu11123018>.
 - PI; CA
 - Article Metrics: #C=2; Altmetric: 1 (Mentions=1; Citations=.; Mendeley Reads=59)
 - Journal Metrics: IF=4.8; H-Index=209; SRJ=1.301; Q1 in Nutrition and Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
23. **Whisner CM**, Angadi SS, Weltman NY, Weltman A, Rodriguez J, Patrie JT, Gaesser GA. Effects of Low-Fat and High-Fat Meals, with and without Dietary Fiber, on Postprandial Endothelial Function, Triglyceridemia, and Glycemia in Adolescents. *Nutrients*. 2019;11(11):2626. <https://doi.org/10.3390/nu11112626>.
 - Article Metrics: #C=17; Altmetric: 54 (Mentions=10; Citations=13; Mendeley Reads=70)
 - Journal Metrics: IF=4.8; H-Index=209; SRJ=1.301; Q1 in Nutrition and Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
22. Vander Wyst KB, Vercelli ME, **Whisner CM**. A social media intervention to improve nutrition knowledge and behaviors of low income, pregnant adolescents and adult women. *PLOS ONE*. 2019;14(10):e0223120. <https://doi.org/10.1371/journal.pone.0223120>.
 - PI; CA
 - Article Metrics: #C=57; Altmetric: 1 (Mentions=3; Citations=25; Mendeley Reads=252)
 - Journal Metrics: IF=3.3; H-Index=467; SRJ=0.803; Q1 in Multidisciplinary
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
21. Gaesser G, Rodriguez J, Patrie J, **Whisner C**, Angadi S. Effects of glycemic index and cereal fiber on postprandial endothelial function and insulinemia in healthy adults. *Nutrients*. 2019;11:2387. <https://doi.org/10.3390/nu11102387>.
 - Article Metrics: #C=22; Altmetric: 50 (Mentions=7; Citations=17; Mendeley Reads=62)
 - Journal Metrics: IF=4.8; H-Index=209; SRJ=1.301; Q1 in Nutrition and Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
20. Gadau A, Mayek R, Giraudeau M, McGraw KJ, **Whisner M**, Kondrat C, Sweazea K. A comparison of the nutritional physiology and gut microbiome of urban and rural house sparrows (*Passer domesticus*). *Comparative Biochemistry and Physiology, Part B. Biochemistry and Molecular Biology*. 2019;237:110332. <https://doi.org/10.1016/j.cbpb.2019.110332>.
 - Article Metrics: #C=45; Altmetric: 1 (Mentions=3; Citations=36; Mendeley Reads=92)
 - Journal Metrics: IF=1.9; H-Index=117; SRJ=0.520; Q2 in Animal Science and Zoology
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
19. Crawford M, **Whisner C**, Al-Nakkash L, Sweazea KL. Six-week high fat diet alters the gut microbiome and promotes cecal inflammation, endotoxin production and simple steatosis without obesity in male rat. *Lipids*. 2019;54(2-3):119. <https://doi.org/10.1002/lipd.12131>.
 - Article Metrics: #C=45; Altmetric: 9 (Mentions 4; Citations=33; Mendeley Reads=70)

- Journal Metrics: IF=1.8; H-Index=134; SRJ=0.512; Q2 in Biochemistry, Genetics & Molecular Biology
- Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

18. **Whisner CM**, CA Aktipis. The role of the microbiome in cancer initiation and progression: How microbes and cancer cells utilize excess energy and promote one another's growth. *Current Nutrition Reports*. 2019;8(1):42. <https://doi.org/10.1007/s13668-019-0257-2>.
 - PI; CA
 - Article Metrics: #C=127; Altmetric: 156 (Mentions 48; Citations=101; Mendeley Reads=163)
 - Journal Metrics: IF=4.6; H-Index=51; SRJ=1.410; Q1 in Nutrition & Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
17. Vander Wyst KB, **Whisner CM**, Reifsnider E, Petrov ME. The Combined Impact of Sleep and Diet on Adiposity in Infants, Toddlers and Young Children: A Systematic Review. *Journal of Developmental & Behavioral Pediatrics*. 2019;40(3):224. <https://doi.org/10.1097/DBP.0000000000000636>.
 - Article Metrics: #C=10; Altmetric: 2 (Mentions 2; Citations=9; Mendeley Reads=52)
 - Journal Metrics: IF=2.4; H-Index=124; SRJ=0.804; Q1 in Pediatrics, Perinatology & Child Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
16. Steinl GK, **Whisner CM**, Pressman EK, Cooper EM, CNM, Groth SW, O'Brien KO. Patterns and Correlates of Self-Reported Physical Activity in a Cohort of Racially Diverse Pregnant Adolescents. *Journal of Pediatric and Adolescent Gynecology*. 2019;32(1):51. <https://doi.org/10.1016/j.jpog.2018.09.003>.
 - Article Metrics: #C=20; Altmetric: 0
 - Journal Metrics: IF=1.8; H-Index=73; SRJ=0.683; Q2 in Pediatrics, Perinatology & Child Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

2018

15. Bruening M, van Woerden J, Schaefer DR, Hruschka D, Brewis A, **Whisner CM**, Dunton GF, Todd M, Ohri-Vachaspati P, Laska MN. Friendship as a social mechanism influencing body mass index (BMI) among emerging adults. *PLoS ONE*. 2018;18;13(12):e0208894. <https://doi.org/10.1371/journal.pone.0208894>.
 - Article Metrics: #C=26; Altmetric: 5 (Mentions=7; Citations=17; Mendeley Reads=67)
 - Journal Metrics: IF=3.3; H-Index=467; SRJ=0.803; Q1 in Multidisciplinary
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
14. **Whisner CM**, Maldonado J, Dente B, Krajmalnik-Brown R, Bruening M. Diet, physical activity and screen time but not body mass index are associated with the gut microbiome of a diverse cohort of college students living in university housing: a cross-sectional study. *BMC Microbiology*. 2018;18:210. <https://doi.org/10.1186/s12866-018-1362-x>.
 - PI; CA
 - Article Metrics: #C=91; Altmetric: 4 (Mentions=5; Citations=65; Mendeley Reads=240)
 - Journal Metrics: IF=4.6; H-Index=147; SRJ=1.032; Q1 in Microbiology (medical)
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
13. **Whisner CM**, Castillo LF. Prebiotics, Bone and Mineral Metabolism. *Calcified Tissue International and Musculoskeletal Research*. 2018;102(4):443. <https://doi.org/10.1007/s00223-017-0339-3>.
 - PI; CA
 - Article Metrics: #C=288; Altmetric: 102 (Mentions=30; Citations=224; Mendeley Reads=424)
 - Journal Metrics: IF=3.8; H-Index=132; SRJ=1.016; Q2 in Endocrinology, Diabetes, & Metabolism
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

2017

12. Akoh C, Pressman EK, **Whisner CM**, Thomas CE, Cao C, Kent T, Cooper EM, O'Brien KO. Vitamin D Mediates the Relationship between Placental Cathelicidin and Group B Streptococcus Colonization during Pregnancy. *Journal of Reproductive Immunology*. 2017;121:42. <https://doi.org/10.1016/j.jri.2017.06.001>.
 - Article Metrics: #C=11; Altmetric: 102 (Mentions=30; Citations=224; Mendeley Reads=424)
 - Journal Metrics: IF=2.9; H-Index=104; SRJ=0.857; Q2 in Reproductive Medicine
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

11. Jackemeyer D, Forzani E, **Whisner C**. Study of resting energy expenditure and weight changes during pregnancy. *Global Journal of Obesity, Diabetes and Metabolic Syndrome*. 2017;4(1):016. <https://doi.org/10.17352/2455-8583.000018>.
 - PI; CA
 - Article Metrics: #C=288; Altmetric: 0
 - Journal Metrics: IF=2.8; H-Index=N/A; SRJ=N/A
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
10. Petrov ME, Vander Wyst KB, **Whisner CM**, Jeong M, Denniston M, Moramarco MA, Gallagher MR, Reifsnider E. Relationship of sleep duration and regularity with dietary intake among preschool-aged children with obesity from low-income families. *Journal of Developmental & Behavioral Pediatrics*. 2017;38(2):120. <https://doi.org/10.1097/DBP.0000000000000369>.
 - Article Metrics: #C=41; Altmetric: 1 (Mentions 2; Citations=30; Mendeley Reads=112)
 - Journal Metrics: IF=2.4; H-Index=124; SRJ=0.804; Q1 in Pediatrics, Perinatology & Child Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

2016

9. **Whisner CM**, O'Brien KO, Cooper EM, Pressman EK. Pregnant adolescents participating in a vitamin D supplementation trial have a preference for receiving prenatal nutrition and health information via digital media platforms. *The Medical Journal of Obstetrics and Gynecology*. 2016;4(4):1089.
 - Article Metrics: #C=0; Altmetric=0
 - Journal Metrics: IF=N/A; H-Index=N/A; SRJ=N/A
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
8. 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;16:901. <https://doi.org/10.1186/s12889-016-3536-5>.
 - Article Metrics: #C=34; Altmetric=0
 - Journal Metrics: IF=3.9; H-Index=211; SRJ=1.359; Q1 in Public Health, Environmental & Occupational Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
7. **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. <https://doi.org/10.3945/jn.115.227256>.
 - Article Metrics: #C=170; Altmetric=74 (Mentions 25; Citations=141; Mendeley Reads=224)
 - Journal Metrics: IF=3.7; H-Index=299; SRJ=1.098; Q1 in Nutrition & Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
6. **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. <https://doi.org/10.1016/j.jpog.2016.03.002>.
 - Article Metrics: #C=8; Altmetric: 1 (Mentions 1; Citations=4; Mendeley Reads=91)
 - Journal Metrics: IF=1.8; H-Index=73; SRJ=0.683; Q2 in Pediatrics, Perinatology & Child Health
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
5. Miller BJ, **Whisner CM**, Johnston CS. Vitamin D supplementation appears to increase plasma Aβ40 in vitamin D insufficient, older adults: a pilot RCT. *Journal of Alzheimer's Disease*. 2016;52(3):843. <https://doi.org/10.3233/jad-150901>.
 - Article Metrics: #C=63; Altmetric: 10 (Mentions 2; Citations=43; Mendeley Reads=114)
 - Journal Metrics: IF=3.4; H-Index=188; SRJ=1.166; Q1 in Medicine (miscellaneous)
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

2015

4. **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. <https://doi.org/10.1038/ijo.2014.202>.
 - Article Metrics: #C=25; Altmetric: 21 (Mentions 4; Citations=16; Mendeley Reads=102)
 - Journal Metrics: IF=4.5; H-Index=258; SRJ=1.589; Q1 in Nutrition & Dietetics

- Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

2014

3. **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. <https://doi.org/10.1002/jbmr.2233>.
 - Article Metrics: #C=127; Altmetric: 1 (Mentions 2; Citations=8; Mendeley Reads=41)
 - Journal Metrics: IF=5.1; H-Index=276; SRJ=2.074; Q1 in Endocrinology, Diabetes & Metabolism
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]
2. **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(3):446. <https://doi.org/10.1017/s0007114514000981>.
 - Article Metrics: #C=127; Altmetric: 19 (Mentions 5; Citations=100; Mendeley Reads=168)
 - Journal Metrics: IF=3.0; H-Index=230; SRJ=0.896; Q2 in Nutrition & Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

2013

1. **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. <https://doi.org/10.1017/S000711451300055X>.
 - Article Metrics: #C=249; Altmetric: 109 (Mentions 24; Citations=187; Mendeley Reads=234)
 - Journal Metrics: IF=3.0; H-Index=230; SRJ=0.896; Q2 in Nutrition & Dietetics
 - Contributions: Design [x], Data Collection [x], Data Analysis [x], Interpretations [x], Writing & Editing [x]

POLICY AND RESEARCH REPORTS

Ojinnaka C, Vander Wyst K, Celaya M, Bruening M, Zhang X, Berkel C, Benito Rosales Chavez J, Thomas N, Brown J. Positive Childhood Experiences in Arizona: A Reporting Brief using Data from the U.S. National Survey for Children's Health. 2022. Arizona Department of Health Services.

- <https://www.azdhs.gov/documents/prevention/womens-childrens-health/reports-fact-sheets/issue-briefs/positive-childhood-experiences-in-az.pdf>
- Contribution: Served as one of four critical reviewers of the final report before public sharing

WORKSHOP PAPERS

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)

BOOK CHAPTERS

3. **Whisner CM**, Weaver CM. Prebiotics and bone. In: McCabe L, Parameswaran N (eds). *Understanding the Gut-Bone Signaling Axis*. *Advances in Experimental Medicine and Biology*, Vol 1033. Springer. 2017. https://doi.org/10.1007/978-3-319-66653-2_10
2. **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.
1. **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.

INVITED COMMENTARIES

2. Ortega-Santos CP, **Whisner CM**. The key to successful weight loss on a high-fiber diet may be in gut microbiome Prevotella abundance. *Journal of Nutrition*. 2019;149(12):2083-2084.
1. **Whisner CM**. Ingestion of a synbiotic pasta by those with elevated blood sugar and body mass index boils down to health benefits. *Journal of Nutrition*. 2019;149(10):1687-1689.

EDITORIALS AND NON-PEER REVIEWED PUBLICATIONS

3. Alcaraz GM, Kapsetaki SE, Aktipis A, **Whisner CM**. On the hunt for cancer's microbial 'party' in the animal kingdom. *Frontiers for Young Minds*. 2023. DOI: 10.3389/frym.2023.1006057.
2. Wardenaar F and **Whisner C**. Dose receiving dietary counseling make a difference in the use of dietary supplements and sport nutrition products? *SCAN PULSE for Academy of Nutrition and Dietetics*. 2017.
1. **Whisner CM**. Deeply ingrained in gut health. *Home Baking Association Newsletter*. July 2017. http://homebaking.org/PDF/whisner_guthealth.pdf

INVITED RESEARCH PRESENTATIONS

2025

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 48. | Milled Corn and Human Health Outcomes State of the Science Address. North American Millers Association – Corn Division [webinar]. | November 18, 2025 |
| 47. | Gut Feelings: How Infant Sleep and Circadian Rhythms Shape Gut Microbiome Development. Children's Hospital of Philadelphia Ninth Annual Virtual Integrative Health Symposium [webinar]. | October 15, 2025 |
| 46. | The Snuggle Bug Study: Exploring the Impacts of Sleep-Wake Patterns, Feeding Practices, and the Intestinal Microbiome on Weight Outcomes During Infancy. ASU Center for Evolution and Medicine CEMinar. | October 2, 2025 |
| 45. | The snuggle is real! Insights from the Snuggle Bug Study on how feeding and sleep impact the gut microbiome and obesity risk in infancy. The Pennsylvania State University Graduate Program Nutrition Seminar [webinar]. | September 8, 2025 |
| 44. | From struggles to snuggles: Insights into sleep and gut microbiome development on infant growth and obesity risk. Carl R. Woese Institute for Genomic Biology, University of Illinois Urbana-Champaign | April 29, 2025 |
| 43. | Babies in Bloom: Insights from Sleep and Gut Microbiome on Child Growth and Development. CHS Innovation Talk, College of Health Solutions, Arizona State University | April 17, 2025 |
| 42. | The Snuggle Bug Study: Exploring the Impacts of Sleep-Wake Patterns, Feeding Practices, and the Intestinal Microbiome on Weight Outcomes During Infancy. Arkansas Children's Nutrition Center (ACNC), University of Arkansas [distinguished speaker in ACNC Seminar Series]. | March 21, 2025 |
| 41. | The Snuggle Bug Study: Exploring the Impacts of Sleep-Wake Patterns, Feeding Practices, and the Intestinal Microbiome on Weight Outcomes During Infancy. National Association for Research Nutrition [webinar]. | January 15, 2025 |

2024

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|-----|--------------------------------------------------------------------------------------------------------------------|-------------------|
| 40. | The science of gut health & the microbiome. Grain Foods Foundation and Lallemand [webinar]. | November 19, 2024 |
| 39. | Exploring the role of corn flour for heart health. North American Millers' Association [webinar]. | May 16, 2024 |
| 38. | Grainy matters: Investigating corn's impact on heart health. Arizona Academy of Nutrition and Dietetics [webinar]. | April 4, 2024 |

2023

37. Exploring the associations between gut health and bone health. Collegiate and Professional Sports Dietitians Association Tactical Nutrition Summit. San Diego, CA, USA. August 1, 2023
36. The Weight of College - Exploring Associations between Health Behaviors and the Gut Microbiome and Metabolome in College-Aged Young Adults. University of Arizona. Tucson, AZ, USA. March 23, 2023

2022

35. Applying microbiomics and metabolomics approaches to understand sociobehavioral determinants of weight gain during emergent adulthood. Biodesign Institute Center for Health Through Microbiomes Seminar. Arizona State University. November 30, 2022
34. Grains and your inner ecosystem: Refreshing updates on how grain-based dietary fibers influence cardiometabolic health. Reconnect & Refresh, Idaho Academy of Nutrition and Dietetics Annual Meeting. Boise, Idaho April 22, 2022
33. My Plate and your gut microbiome: Living together in harmony. Oklahoma Academy of Nutrition and Dietetics Annual Meeting (virtual) April 8, 2022
32. Precision diet and microbiome approaches for bone health. The Biodesign Institute Chalk Talk Series, Arizona State University. March 21, 2022
31. Eat, Sleep, Poop: Exploring obesity risk and the gut microbiome in infancy. Biological Design Graduate Program Seminar. Arizona State University. February 4, 2022

2021

30. Exploring the Impacts of Sleep-Wake Patterns, Feeding Practices, and the Intestinal Microbiome on Weight Outcomes during Infancy. University of Colorado School of Medicine Nutrition & Obesity Research Center. February 4, 2021

2020

29. At the Table with Trillions: Evaluating Dietary Recommendations from a Gut Microbiome Perspective. Nutrition Future Forward - Are we Ready for Out-of-the-Box Thinking? Villanova University College of Nursing. March 6, 2020
28. Exploring the Impacts of Sleep-Wake Patterns, Feeding Practices, and the Intestinal Microbiome During Infancy on Weight Outcomes. Purdue University Department of Nutrition Science. February 7, 2020

2019

27. Use of big data in food science: Exploring responder status of the gut microbiome for calcium absorption. International Conference on Food Factors. Kobe, Japan December 1-5, 2019
26. Making the case for food barley. Tri-State (Idaho, Washington, Oregon) Grain Convention (invited by Idaho Barley Commission). Spokane, Washington November 15, 2019
25. Positioning the U.S. barley market around emerging health claims. U.S. Grains Council Food Barley Promotion Seminar. Seoul, South Korea November 13-14, 2019
24. Exploring responder status of the gut microbiome for calcium absorption during adolescent growth. International Society of Nutrigenetics / Nutrigenomics. Cambridge, United Kingdom July 12-13, 2019

23. Prebiotic Applications for Children: Focus on Calcium Absorption and Bone Development. International Society for Probiotics and Prebiotics, Work-Group for Prebiotic Effects on Pediatric Health. Antwerp, Belgium May 14-16, 2019
- 2018**
22. Wheat and your inner ecosystem: Insights on how the gut microbiome interacts with wheat. Wheat Foods Council Annual Meeting, Scottsdale, Arizona January 19, 2018
- 2017**
21. Energy expenditure and weight management in pregnancy
Maximizing the value of metabolic tracking workshop for healthcare professionals, Black Bag for Dietitians Workshop, Tempe, Arizona December 16, 2017
 20. Dietary impacts on the microbiome and implications for human health. Institute for Food Technologists Joint Luncheon for Food Laws and Regulations (FLRD), Toxicology and Safety Evaluation (TASED), and Quality Assurance (QAD) Groups, Las Vegas, Nevada (Keynote speaker) June 26, 2017
 19. Prebiotics, the intestinal microbiome and bone health. International Probiotics Association (IPA) World Congress and Probiota Americas, San Francisco, California June 7, 2017
 18. Study of resting energy expenditure and weight during pregnancy. 2nd Annual ABRC Research Conference. Phoenix, Arizona. March, 2017
- 2016**
17. The effect of exercise on the microbiome. The 25th American Institute for Cancer Research Conference. North Bethesda, Maryland. November, 2016
 16. A microbial view of the human dinner plate. Arizona Academy of Nutrition and Dietetics, Phoenix, Arizona June 17, 2016
 15. Going with your gut: Insights on prebiotics, probiotics, superbugs and health. Building Healthy Lifestyles Conference, Tempe, Arizona March 19, 2016
 14. 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
 13. A personalized approach for tracking metabolism with mobile tools. The Human Placenta Project (HPP) – Understanding human placental structure and function in real time, 3rd Annual Meeting. National Institutes of Health. Bethesda, Maryland April 14, 2016
 12. Wheat and your inner ecosystem: insights on how the gut microbiome interacts with wheat. Wheat Foods Council, Annual Meeting, Phoenix, Arizona January 14, 2016
- 2015**
11. Diet and health: The gut microbiome and grains. North American Millers Association, Annual Meeting, Phoenix, Arizona October 24, 2015
 10. Adolescent intestinal microbiome and calcium absorption: Friend or foe? Department of Nutritional Sciences, University of Arizona, Tucson, Arizona September 26, 2015
 9. Symbiosis in nutrition science: The intestinal microbiome and calcium absorption. Central Arizona Academy of Nutrition and Dietetics, Phoenix, Arizona September 15, 2015
 8. 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

7. Bones to obesity: Dietary and hormonal insights for adolescent health promotion. April 22, 2015
Undergraduate Nutrition Research Symposium, School of Nutrition and Health Promotion, Arizona State University, Phoenix, Arizona
6. Maternal diet and dietary beliefs impact maternal health and neonatal birth outcomes in pregnant adolescents. Southwest Interdisciplinary Research Center, Phoenix, Arizona. March 25, 2015

2014

5. Bones to Obesity: Dietary and microbial insights for adolescent health promotion. September 12, 2014
School of Biological and Health Systems Engineering, Arizona State University, Tempe, Arizona

2012

4. Revolutionizing Nutrition Communications with Social Media. May Conference. May 2012
Department of Nutrition Science, Purdue University, West Lafayette, Indiana

Prior to PhD in 2011

3. R.E.C.I.P.E. for Healthy Growing Children. Indiana Team Nutrition Grant Extension Education Program. Indiana May 2009
2. The Bone Zone: Fostering Good Habits for Healthy Bones in Youth. The Ohio State Farm Science Review. Columbus, Ohio September 2008
1. 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

ORAL CONFERENCE PRESENTATIONS

2025

17. Petrov M, Jiao N, Olson M, **Whisner C**. Screen time is associated with suboptimal actigraphic sleep in six-month infants. SLEEP 2025. Seattle, Washington, USA. June 7-11, 2025. Abstract#320.
16. Wright SL, Petrov ME, **Whisner CM**. Origins of Health Outcomes: Linking the Gut Microbiome and Early Life Events to Predict Childhood Obesity Risk. Nutrition 2025. Orlando, FL, USA. May 31-June 3, 2025.

2023

15. Olson M, Zhou F, Vander Wyst KB, Toffoli SN, Reifsnider E, McCormick DP, Petrov ME, **Whisner CM**. Variation in infant feeding and sleep-wake patterns are associated with differences in the gut microbiome in toddlerhood. Society for Research in Child Development. Salt Lake City, UT, USA. March 23-25, 2023. Part of a symposium entitled: Infant sleep and the development of obesity: Direct and indirect associations in four longitudinal cohorts.
14. Jiao N, Pituch K, **Whisner CM**, Petrov ME. The Relationships between Early Maternal Sleep and Mother-Infant Bonding, and Infant Bedtime Difficulty Later: A Path Analysis. SLEEP 2023. Indianapolis, IN, USA. June 7, 2023. Abstract #165.

2022

13. Mohr A, Jasbi P, van Woerden I, Vander Wyst K, Gu H, Bruening M, **Whisner C**. Influence of food insecurity on gut microbiome and metabolome profiles in a college-based sample. International Society of Behavioral Nutrition and Physical Activity Annual Meeting. Phoenix, AZ, USA. May 21, 2022.

2021

12. Jasbi P, Mohr AE, Zhu Q, Bruening M, Gu H, **Whisner C**. Microbiome and Metabolome Profiles of High Screen Time in a Cohort of College Students. Arizona Physiological Society. 14th Annual Meeting, October 29-30, 2021. Abstract #S2.4 *Student won 1st place for graduate oral presentations.

11. Reifsnider E., Vander Wyst, K, **Whisner C.**, Toffoli S., & McCormick D. Differences in gut microbiome at 3 years of age in relation to early life weight gain and feeding practices. American Public Health Association (APHA). Annual Meeting and Expo, Denver, CO, October 2021.
10. Tribby R, Kasraeian K, Petrov M, **Whisner CM**. The Snuggle Bug / Acurrucadito Study: An Observational Study of Infant Sleep. Resiliency in Maternal and Child Health Populations Conference. April 8, 2021 (virtual)

2020

9. Crawford M, **Whisner CM**, Al-Nakkash L, Sweazea K. Implications of short-term high-fat intake on gut, liver, and cardiovascular health of adolescent male rats. AOCs Annual Meeting & Expo. Montreal, Quebec, Canada. Abstract #4096. April 26-29, 2020.

2019

8. Petrov ME, **Whisner CM**, McCormick D, Todd M, Reifsnider E. Sleep-wake patterns during infancy are associated with gut microbial community structure in toddlerhood. SLEEP 2019 -American Academy of Sleep Medicine and the Sleep Research Society Conference. San Antonio, TX. June 12, 2019.

2017

7. Castillo LF, Tucker WJ, Angadi SS, Gaesser GA, **Whisner CM**. Exercise effects on fecal pH during a period of excess dietary fat and sugar consumption. FASEB Journal. 2017;31(1_suppl):138.8. PI, CA

2016

6. **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.
5. **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. PI, CA

2015

4. 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. PI, CA

2013

3. **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.

2012

2. **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.
1. **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

2025

56. Petrov M, Wright S, **Whisner CM**. Day-to-night sleep ratios and gut microbiome composition in infancy: A longitudinal analysis. SLEEP 2025. Seattle, Washington, USA. June 7-11, 2025.

55. Olson M, Petrov ME, Liu L, **Whisner CM**. Infant Night Sleep Trajectories Differ by Feeding Mode. American Society for Nutrition. Orlando, FL, USA. May 31-June 3, 2025.
54. Mohr AE, **Whisner CM**. Longitudinal Impact of Food Insecurity on the Gut Microbiome and Metabolome in College Students: Insights into Microbial Stability and Metabolic Adaptations. American Society for Nutrition. Orlando, FL, USA. May 31-June 3, 2025.
53. Lee RE, Szeszulskib J, Bruening M, Hollenbeak C, **Whisner CM**, Todd MW. Testing Sustainability via Active Garden Education Wellness Implementation Strategies in Early Care and Education (SAGE WISE): Protocol for a Type 3 hybrid implementation-effectiveness design. American Academy of Health Behavior, San Diego, CA, USA. March 16-19, 2025.

2024

52. Coonrod DV, Patton T, Liu L, Luker AJ, Petrov ME, **Whisner CM**. Discovering risk factors for rapid weight gain in newborns. Pacific Coast Obstetrical and Gynecological Society.
51. Jiao N, Pituch KA, **Whisner CM**, Petrov ME. Early postpartum maternal sleep and distress as predictors of infant nighttime wakefulness at six months: A path analysis. SLEEP 2024, Houston, TX, USA. June 1-5, 2024. Abstract #0201.
50. Petrov ME, Jiao N, Shu J, Liedike B, Reifsnider E, Coonrod D, Panchanathan S, Liu L, St-Onge M-P, Aggarwal B, **Whisner CM**. Later sleep onset timing predicts greater postpartum weight retention at one year postpartum. SLEEP 2024, Houston, TX, USA. June 1-5, 2024. Abstract #202.

2023

49. **Whisner CM**, Mohr AE, Ahern M, Sears DD, Bruening M. The Gut Microbiome Tracks with Shifts in Body Weight During the Freshman Year of College in Dormitory-Housed Adolescents. American Society for Nutrition, Boston, MA, USA. July 22-25, 2023. Abstract #P20-052-23.
48. Mohr AE, Ahern M, Sears DD, Bruening M, **Whisner CM**. Gut Microbiome Community Types Associate with Nutritional and Behavioral Factors in a Longitudinal Assessment of Dormitory-Housed College Freshman. American Society for Nutrition, Boston, MA, USA. July 22-25, 2023. Abstract #P20-031-23.

2022

47. Toffoli SN, Vander Wyst KB, Hinde K, Petrov ME, Reifsnider E, **Whisner CM**. Associations between rapid weight gain, feeding practices, and the gut microbiome during infancy. American Society for Nutrition 2022 Live Online, June 14-16, 2022. Abstract #PO24-30-22.
46. Petrov ME, Jiao J, **Whisner CM**. Post-birth feeding experiences are associated with actigraphy-assessed sleep patterns among newborns. SLEEP Conference. Charlotte, NC, USA, June 7, 2022. Abstract #0186.
45. Petrov ME, Reifsnider E, Panchanathan S, Coonrod D, Komarnisky J, Gunther B, Jiao N, Koelbel M, **Whisner CM**. Associations of sleep patterns and feeding practices among newborns in a diverse sample. International Society of Behavioral Nutrition and Physical Activity Annual Meeting. Phoenix, AZ, USA. May 19, 2022.
44. Amezquita M, Petrov ME, **Whisner CM**. Sleep patterns in early infancy are associated with gut microbiota development. Maternal Child Health Conference. Arizona State University, Phoenix, AZ, USA. April 8, 2022.

2020

43. Ortega-Santos CP, Argo KB, Sweazea KL, Al-Nakkash L, **Whisner CM**. Genistein impacts the gut microbiota of a mouse model of cystic fibrosis. North America Cystic Fibrosis Conference. Phoenix, AZ, October 22-24, 2020.
42. Ortega-Santos CP, Al-Nakkash L, **Whisner CM**. Exercise, genistein, and combined effects on gut microbiota after 12-week of the Western diet in C57BL/6 adult mice. Experimental Biology. San Diego, CA, USA, April 4-7, 2020.

2019

41. **Whisner CM**, Vander Wyst K, Petrov M, McCormick D, Todd M, Reifsnider E. Differences in weight gain and microbiome between breastfed and formula-fed infants among a low-income, minority sample. American Public Health Association. Philadelphia, PA. (November 2-6, 2019)
40. Vander Wyst KB, **Whisner CM**, Reifsnider E, Buman MP, Shaibi GQ, Petrov ME. Relationships between changes in sleep and gestational weight gain (GWG) in pregnant women. SLEEP 2019 – American Academy of Sleep Medicine and the Sleep Research Society Conference. San Antonio, TX. (June 8-12, 2019)
39. Gutierrez M, Fine KL, Bruening M, **Whisner C**, Lee RE. Acculturation is related to diet quality in Phoenix preschoolers, controlling for food insecurity. American Society for Nutrition Conference. Baltimore, MD. (June 8-11, 2019)
38. Ortega-Santos CP, Brown C, Tucker WJ, Laubitz D, Barberan A, Gaesser GA, Angadi SS, **Whisner CM**. The impact of exercise on gut microbiota diversity during a period of increased caloric intake characteristic of the winter holiday period. American Society for Nutrition Conference. Baltimore, MD. (June 8-11, 2019)
37. **Whisner CM**, Argo KB, Sweazea KL, Al-Nakkash L. Impacts of genistein on the gut microbiota of a mouse model of cystic fibrosis. American Society for Nutrition Conference. Baltimore, MD. (June 8-11, 2019)
36. **Whisner CM**, Vander Wyst KB, Petrov ME, McCormick DP, Todd M, Reifsnider E. Rapid weight gain and feeding practices in the first 6 months of life are associated with dysbiosis of the gut microbiome in toddlerhood. American Society for Nutrition Conference. Baltimore, MD. (June 8-11, 2019)
35. Vander Wyst KB, Buman M, Shaibi GQ, Petrov ME, Reifsnider E, **Whisner CM**. Mediation effect of macronutrient composition on gestational weight gain among pregnant women during the second trimester. American Society for Nutrition Conference. Baltimore, MD. (June 8-11, 2019)
34. Vander Wyst KB, Buman M, Shaibi GQ, Petrov ME, Reifsnider E, **Whisner CM**. Evaluation of variability in resting energy expenditure and its relationship with macronutrients and gestational weight gain during the second trimester of pregnancy. American Society for Nutrition Conference. Baltimore, MD (June 8-11, 2019)
33. Petrov ME, **Whisner CM**, McCormick D, Todd M, Reyna L, Reifsnider E. Sleep-Wake Patterns During Infancy are Associated with Rapid Weight Gain and Incident Adiposity in Toddlerhood. February 2019; Sleep Research Society and the Society for Biological Rhythms, Clearwater Beach, Florida. (February 1-4, 2019)

2018

32. Vander Wyst KB, Quintana G, Balducci J, **Whisner CM**. Comparison of prenatal health parameters & nutrition counseling among macrosomic deliveries. November 2018; The Obesity Society, Nashville, Tennessee.
31. **Whisner CM**, Bruening M. Engaging undergraduates in research: Maximizing learning experiences and study resources. Journal of Nutrition Education and Behavior. 2018;50(7):S58-S59. Society for Nutrition Education and Behavior, Minneapolis, Minnesota.
30. Wilson SL, D'Iugos AC, Jorgensen TM, Harper J, **Whisner CM**, Dickinson JM, Gaesser GA, Angadi SS. Cardiometabolic changes during the hormonal transition of a male-to-female athlete: a case study. Medicine & Science in Sports & Exercise. 2018;50(5S):742.

29. Petrov ME, **Whisner CM**, Mahmood TM, Castillo LF, Richardson J, Gupta R. Actigraphic sleep is associated with bone mineral density and bone turnover in young adults. *Sleep*. 2018;41(Suppl 1):A97-A98. Sleep Research Society
28. Bruening M, van Woerden J, Schaefer DR, Hruschka D, Brewis A, **Whisner CM**, Dunton DF, Todd M, Ohri-Vachaspati P, Laska M. Friendship as a social mechanism influencing body mass index (BMI) among college freshmen. *Annals of Behavioral Medicine*. 2018;52:S583.

2017

27. Chacon L, King J, **Whisner CM**. Investigating the efficacy of Sustagrain barley and rice mixes to lower glycemic response. November 2017; Annual Biomedical Research Conference for Minority Students. Phoenix, Arizona.
26. Castillo LF, **Whisner CM**, Esch P, Petrov ME. Association between bone mass, sleep duration and sleep quality in college students. November 2017; 10th International Symposium on Nutritional Aspects of Osteoporosis, Hong Kong.
25. **Whisner CM**, Dickinson JM, D'Lugos AC, Harper J, Gaesser GA, Angadi SS. Musculoskeletal changes in a trans-athlete across a male-to-female hormone transition. November 2017; 10th International Symposium on Nutritional Aspects of Osteoporosis, Hong Kong.
24. Soto F, Floris M, **Whisner CM**. Use of indirect calorimetry before and after bariatric and metabolic surgery using a portable metabolism tracker device: Longitudinal case study. October 2017; American Society for Metabolic & Bariatric Surgery, Washington, DC.
23. Vander Wyst KB, **Whisner CM**. Prenatal metabolism tracking: a case series report of the portable breezing device. *FASEB Journal*. 2017;31(1_suppl):lb308.
22. Vander Wyst KB, **Whisner CM**, Petrov ME, Gallagher MR, Reifsnider E. Relationship of feeding practices with sleep duration on infant weight at 12 months. *FASEB Journal*. 2017;31(1_suppl):lb307.
21. Crawford MS, **Whisner CM**, Sweazea K. Examination of changes in intestinal microbiota induced by high fat feeding in male adolescent rats. *FASEB J*. 2017;31(1_suppl):891.1.
20. Petrov ME, Calvin S, Vander Wyst K, **Whisner CM**, Felix K, Richardson JL, Khan A. Sleep Patterns, Disturbances, and Hygiene of Adolescent Female Victims of Sex Trafficking and Sexual Abuse. *Journal of Sleep and Sleep Disorders Research*. 2017;40(suppl 1):A361-A362.

2016

19. 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.
18. 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.
17. 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.
16. **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.
15. 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.

2015

14. **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.
13. 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

2014

12. **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.
11. **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.

2013

10. **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.
9. **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.
8. Macdonald-Clarke C, Martin B, **Whisner C**, McCabe G, McCabe L, Ziarko K, Murphy C, Weaver C. Soluble corn fiber increases calcium absorption in free living adolescent girls. Journal of Bone and Mineral Research.2013;28.

2012

7. **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.
6. **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.
5. **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.
4. 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.
3. **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.

Conference poster presentations prior to PhD in 2011

2. **Whisner CM**, Mobley S. The role of coffee consumption on bone geometrical properties in young females consuming a high habitual calcium diet. FASEB Journal. 2009;23(1-suppl):LB488.
1. Mobley SL, **Whisner CM**, Hill K, Hara A, Eggertsson H. Impact of dietary acidity related to beverage intake on dental erosion and bone fragility fractures. FASEB Journal. 2007;21(5):A355.

Panel Discussion Presentations

Microbiome Careers Panel. Microbiome Centers Consortium. November 7, 2025 (Academic Professional Panel Member)

Nutrition Science, Risk Communication and Agricultural Perspectives on GMOs. Food for Thought Series. Arizona State University. March 28, 2018 (Panel Member)

Urban Metabolism Metrology and Sewage Epidemiology. Biodesign Institute. Arizona State University. April 18, 2017 (Panel Member)

School of Life Sciences Seminar Series. Personalized Medicine. October 23, 2017 (Panel Member)

TEACHING, MENTORING & OUTREACH

ASU TEACHING

Note: No teaching in Fall 2024 and Spring 2025 due to CMW being on sabbatical.

<u>Course</u>	<u>Semester</u>	<u>Enrollment</u>	<u>Overall Instructor Score</u>
Arizona State University, Downtown Phoenix			
NTR598: Topic: AI & Precision Nutrition			
Online	Spring 2025	6	4.5 / 5.00
NTR440/540: Advanced Human Metabolism: Micronutrients			
In-person	Spring 2024	22	4.27 / 5.00
In-person	Spring 2023	29	4.16 / 5.00
In-person	Spring 2022	31	4.75 / 5.00
In-person	Fall 2021	37	4.60 / 5.00
In-person (remote learning during pandemic)	Spring 2021	23	4.50 / 5.00
In-person	Spring 2020	43	4.61 / 5.00
In-person	Fall 2019	58	4.67 / 5.00
In-person	Spring 2019	63	4.84 / 5.00
In-person	Fall 2018	73	4.60 / 5.00
In-person	Spring 2018	25	4.93 / 5.00
In-person	Fall 2017	33	4.79 / 5.00
In-person	Spring 2017	24	4.56 / 5.00
In-person	Fall 2016	54	4.94 / 5.00
In-person	Spring 2016	36	4.94 / 5.00
In-person	Fall 2015	47	4.93 / 5.00
In-person	Spring 2015	36	4.67 / 5.00
In-person	Fall 2014	36	4.21 / 5.00
NTR550: Advanced Nutrition in the Lifecycle (Maternal Child Health)			
In-person	Fall 2023	6	4.50 / 5.00
In-person	Fall 2022	7	5.00 / 5.00
NTR550: Lifecycle Nutrition			
Online	Spring 2018	2	4.50 / 5.00
NTR450: Lifecycle Nutrition			
Online	Fall 2018	40	4.33 / 5.00
Online	Spring 2018	42	4.29 / 5.00
ASU Online Course	Fall 2017	24	4.56 / 5.00

In-person	Spring 2017	57	4.73 / 5.00
NTR535: Nutrigenomics			
ASU Online Course	Fall 2016	3	5.00 / 5.00
Online	Fall 2016	19	4.73 / 5.00

GUEST LECTURES AT ASU

Advanced Research Methods , EXW 701 Topic, Innovation in Grant Writing, Arizona State University	Spring 2024
Advanced Nutrigenomics , NTR 598 Topic: Metabolomics, School of Nutrition and Health Promotion, Arizona State University	Spring 2018
Nutrigenomics , NTR444 Medical Nutrition Therapy, School of Nutrition and Health Promotion, Arizona State University	Spring 2018 Fall 2017 Spring 2016 Fall 2016 Spring 2015 Fall 2015
The Human Microbiome And its Role in Obesity , OBS598 Obesity Management and Prevention, School of Nutrition and Health Promotion, Arizona State University	Spring 2017 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>
Purdue University			
FN424: Nutrition Communications			
Limited-term Lecturer	Spring 2012	29	4.7 / 5.0
Teaching Assistant	Fall 2011	40	4.6 / 5.0
Teaching Assistant	Fall 2010	26	4.7 / 5.0
Teaching Assistant	Spring 2010	46	4.2 / 5.0
Teaching Assistant	Fall 2009	28	4.6 / 5.0
Teaching Assistant	Spring 2009	28	4.7 / 5.0

TEACHING MATERIALS DEVELOPED

Whisner CM. Human Metabolism of Vitamins and Minerals (interactive digital textbook used in NTR440). 2019. ISBN: 978-1-77330-298-0

This book integrates video content with text and pictures to engage students more thoroughly in material relating to vitamin and mineral metabolism. The text integrates questions to allow students to test their knowledge in real-time and identify areas for further reading.

Vitamin B12 Metabolism Board Game. 2019. (developed for NTR440)

This board game was designed to help students practice applying metabolism concepts to deficiency and toxicity symptoms, cellular mechanisms and varying dietary sources of vitamin B12.

FACULTY MENTORSHIP

Phan, My, PhD , Assistant Professor, Arizona State University (Formal via College of Health Solutions Mentoring Program)	2024 – present
Suzuki, Taichi, PhD , Assistant Professor, Arizona State University (Informal, Biodesign Institute Center for Health Through Microbiomes)	2023 – present

Zhang, Xing, PhD, Assistant Professor, Arizona State University (Formal via College of Health Solutions Mentoring Program) 2022 – present

POSTDOCTORAL TRAINEE AND VISITING SCHOLAR MENTORSHIP

Wright, Sterling, PhD, co-mentor with Taichi Suzuki (Role: Scientific and Professional) 2024 – present

Lyons, Kiara, PhD, co-mentor with Cady Berkel (Role: Professional) 2023 – 2025

Figueiredo de Sousa, Milena, PhD, co-mentor with Karen Sweazea (Role: Scientific) 2023

Azugbene, Ehiremen, PhD, co-mentor with Cady Berkel (Role: Professional) 2022 – 2025

Mohr, Alex, PhD (Role: Scientific and Professional) 2022 – present

CHAIR – GRADUATE & UNDERGRADUATE HONORS

Doctoral Students

Olson (Amezquita), Magdalena, PhD, Exercise and Nutritional Sciences 2021 – present
Dissertation: Title TBD

Wilson, Shannon, PhD, Exercise and Nutritional Sciences 2019 - 2022
Dissertation: Evaluation of the effects of corn flour consumption on cardiometabolic outcomes and the gut microbiome in adults with high cholesterol
- Current Position: Clinical Research Operations Manager, Arizona State University

Ortega, Carmen, PhD, Exercise and Nutritional Sciences 2017 – 2021
Dissertation: Exercise, genistein, and the combined effect on gut microbiota and mitochondrial oxidative capacity after 12 weeks of a Western diet in C57BL/6J adult mice
- Current Position: Assistant Professor, The George Washington University

Vander Wyst, Kiley, PhD, Exercise and Nutritional Sciences 2016 – 2019
Dissertation: Metabolism Tracking and the Moderating Effect of Sleep and Diet on Prenatal Gestational Weight Gain
- Current Position: Program Director, Clinical Trials Operations, University of Colorado Anschutz Medical Campus

Master's Students

Alcaraz, Alyson, MS-Dietetic Internship, Nutrition, College of Health Solutions 2025 – present
Thesis: TBD
- Current Position: Master's Student

Phan, Anh, MS-Dietetic Internship, Nutrition, College of Health Solutions 2024 – present
Thesis: The Impact of Solid Food Introduction on Infant Gut Microbiome: Exploring the Role of Food Groups and Macronutrient Composition
- Current Position: Master's student

Southworth, Grace, MS, Nutritional Science, College of Health Solutions 2023 – present
Thesis: Differences in Microbial Beta Diversity in the Human Milk Microbiome of Women with and without Postpartum Depression
- Current Position: Master's student

Weiberg, Carissa, MS-Dietetic Internship, Nutrition, College of Health Solutions 2023 – 2025
Thesis: Postpartum Depression and its Association with the Abundance of Bacteria Found in the Breast Milk Microbiome
- Current Position: defended in April 2025 and preparing to take RD exam

Coulombe, Chanté , MS-Dietetic Internship, Nutrition, College of Health Solutions Co-Chair with Sonia Vega-López Thesis: The Role of Parental Infant Feeding Practices in Shaping Breastfeeding Duration: How Feeding Approaches Influence Success and National Recommendations: An Observational Analysis - Current Position: defended in April 2025 and preparing to take RD exam	2023 – 2025
Probst, Amanda , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: Effects of Corn Flour Consumption on Cardiovascular Disease in Adults with High Cholesterol - Current Position: Registered Dietitian, Alsana, California	2022 – 2024
Harris, Michelle , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: The Effects of Corn Flour on Heart Health and the Gut Microbiome - Current Position: Registered Dietitian, Banner Health Hospital, Arizona	2022 – 2024
Gross, Tav , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: How Does the % of Daytime vs Nighttime Sleep in Infants Associate with Microbial Community Structures? - Current Position: Registered Dietitian, Self-employed through private practice	2022 – 2024
Liedike, Bethany , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: Longitudinal Characterization of Changes in the Human Milk Microbiome Over the First Year of Life: Does the Trajectory Differ by Feeding Mode, Pumped vs at Breast? - Current Position: Registered Dietitian, Phoenix Children's Hospital, Arizona	2022 – 2024
Koelbel, Megan , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: Infant Feedings at Night and Food Insecurity - Current Position: Registered Dietitian, Phoenix Children's Hospital, Arizona	2021 - 2023
Alanis, Victoria , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: Secondary analysis on the impact of sleep-wake patterns and feeding practices in the gut microbiome in the first year of life trailed into toddlerhood - Current Position: Registered Dietitian, Phoenix Children's Hospital, Arizona	2020 - 2022
Ahern, Mary , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: Microbial Diversity in the Gut Microbiome in Relation to Weight Gain of Freshman Adolescents at Arizona State - Current Position: Doctoral Student, University of Arizona	2019 - 2021
Toffoli, Samantha , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: Associations Between Rapid Infant Weight Gain, Feeding Practice and the Infant Gut Microbiome - Current Position: Regional Outreach Manager, Monte Nido + Registered Dietitian, Self-employed through private practice	2019 - 2021
Lolley, Sara , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: Microbial Diversity in the Human Gut Microbiota in Relation to Dietary Fiber Consumption of College Freshman at a Southwestern University - Current Position: Senior Dietitian, Banner Health Hospital + Adjunct Professor, Mesa Community College, Arizona	2019 - 2021
Argo, Katie , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: Alterations in Gut Microbiota Diversity Following Dietary Genistein Treatment in DF508 Mice - Current Position: Registered Dietitian, Southern Arizona VA Health Care System	2017 – 2019

Mahmood, Tara , MS, Nutritional Science, College of Health Solutions Thesis: The effects of sleep patterns and physical activity on bone turnover markers in college students - Current Position: Doctoral Student, Texas A&M AgriLife Research	2016 – 2019
Paver, Stephanie , MS, Nutritional Science, College of Health Solutions Thesis: Alkaline water in oncology care - Current Position: Registered Dietitian, Self-employed through private practice	2015 – 2018
Journey, Elizabeth , MS-Dietetic Internship, College of Health Solutions Thesis: A Pilot Study to Assess Nutrition Knowledge and Behaviors of Low-Income, Pregnant Adolescents and Adult Women - Current Position: Registered Dietitian, Children's Health Hospital, Texas	2015 – 2017
Hotz, Ricci-Lee , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: Do Weight and Diet Impact the Gut Microbiome in Healthy College Students Living in the Dorms?: A Cross-Sectional Observational Analysis - Current Position: Registered Dietitian, Self-employed through private practice	2014 – 2016
Vercelli (Ellis), Megan , MS-Dietetic Internship, Nutrition, College of Health Solutions Thesis: A Pilot Study to Assess Nutrition Knowledge and Behaviors of Low-Income, Pregnant Adolescents and Adult Women - Current Position: Clinical Dietitian, Marian Regional Medical Center, California	2014 – 2016
<u>Undergraduate Barrett Honors Students</u>	
DeGraff, Jasmyn , Dietetics, College of Health Solutions Thesis: The Impact of Feeding Mode and Sterilization Practices on Infant Gut Microbiome - Current Position: will be in MS-Dietetic Internship Program at Arizona State University in Fall 2025	2023 – 2025
Navarro, Elizabeth , Anthropology, School of Human Evolution and Social Change Thesis: From Ideal to Real: Investigating the Impact of Social Responsibilities, Physiology, Work Status and Race on Breastfeeding Expectations - Current Position: applying to Physician Assistant Programs	2023 – 2025
Searson, Kathryn , Biochemistry, College of Liberal Arts & Sciences Thesis: Delivery mode and the gut microbiome composition of infants across the first year of life - Current Position: Biomaterial Product Liaison, Humabiologics®, Inc, Arizona	2023 – 2024
Bobadilla, Deneb , Global Health + Biological Sciences, College of Liberal Arts & Sciences Thesis: Associations between parental bedtime interventions and infant gut microbiota in three-month-old infants - Current Position: Emergency Medical Technician, ABC Ambulance, Arizona	2021 – 2024
Gallelo, Chloë , Biochemistry, College of Liberal Arts & Sciences Thesis: Baby Bug: Exploring the Effects of Ethnicity and Socioeconomic Status on Infant Gut Microbiome Diversity and Childhood Obesity - Current Position: Graduate Student, Physician Assistant, Northern Arizona University	2021 – 2023
Le, Justin , Biochemistry, College of Liberal Arts & Sciences Thesis: The Relationship Between Corn Flour and Cardiometabolic and Inflammatory Disease Markers in Adults with Hyperlipidemia - Current Position: Medical Student, University of Arizona	2019 – 2021
Gabrielle Pettit , Management, W.P. Carey School of Business Thesis: Genistein's Impact on Inflammation and the Gut Microbiome	2019 – 2020

- Current Position: Undergraduate Student, Penn State University	
Hill, Cody , Medical Studies, College of Health Solutions Thesis: The Effects of Resistance Training on Vascular Health in Overweight Adults - Current Position: unknown	2018 – 2019
Bosnino, Jasmine , Exercise and Wellness, College of Health Solutions Thesis: Stress, Depression, and Sleep Among College Students - Current Position: unknown	2018 – 2019
Ladipo, Evelyn (Barrett Honors Senior Thesis, Biology, School of Life Sciences) Thesis: Effect of sleep efficiency on bone-specific alkaline phosphatase biomarker in college students - Current Position: unknown	2017 – 2018
Marsh, Courtney , Dietetics, College of Health Solutions Thesis: The Effects of Sleep Efficiency on Serum Osteocalcin in College-Aged Individuals - Current Position: Trauma and Critical Care Physician Assistant, Arizona Advanced Surgery	2017 – 2018
Esch, Patricia , Biology, School of Life Sciences Thesis: The Effects of Sleep on Bone Mineral Density in College Aged Males and Females - Current Position: Physician Assistant, Valleywise Health, Arizona	2016 – 2017
Norwood, Katrina (Barrett Honors Senior Thesis, Health Sciences, Arizona State University) Thesis: Impact of BMI and Central Adiposity in Arizona State University Freshman - Current Position: Doctoral Student, Helmholtz Centre for Infection Research, Germany	2016 – 2017
Gunnare, Chrystina (Barrett Honors Senior Thesis, Nutrition, Arizona State University) Thesis: Development of a clinically relevant brochure about the baby friendly hospital initiative - Current Position: Physician Assistant, Northwestern Memorial Hospital, Illinois	2014 – 2015
<u>Undergraduate Capstone Projects</u>	
Castillo, Julio (Capstone Senior Project, Microbiology, Arizona State University) Scholarly Project: Streptococcus bacteria in the gut microbiome and impacts on infant health - Current Position: unknown	2023
Medina, Jacqueline (Capstone Senior Project, Microbiology, Arizona State University) Scholarly Project: A quantitative analysis on antidepressive effects of a high fiber diet and cecal infusion of sodium butyrate - Current Position: Patient Care Assistant, Lumicera Health Services, Arizona	2022
Benson, Savanna (Capstone Senior Project, Microbiology, Arizona State University) Scholarly Project: Understanding the relationship between acculturation and gut microbiomes in Arizona immigrant and refugee populations - Current Position: Doctor of Law Student, Arizona State University	2022
McNeill, Maril (Capstone Senior Project, Microbiology, Arizona State University) Scholarly Project: Clinical efficacy of microbiome-based therapeutics in dysbiosis of Anorexia nervosa - Current Position: Medical Lab Technician, Arizona	2022
Santos Molina, Pablo (Capstone Senior Project, Microbiology, Arizona State University)	2022

Scholarly Project: The influence of the gut microbiome on intestinal stem cells in mice on a high-fat diet

- Current Position: Doctoral Student, UT Southwestern Medical Center, Texas

Hoang, Nancy (Capstone Senior Project, Microbiology, Arizona State University) 2022

Scholarly Project: Dietary and environmental influences on the human gut microbiome in low-income vs. middle-income adolescents

- Current Position: unknown

Allred, Bryttani (Capstone Senior Project, Microbiology, Arizona State University) 2022

Scholarly Project: Cerebral Palsy and the gut microbiome

- Current Position: Educator, Pima Unified School District, Arizona

Witbeck, Alyssa (Capstone Senior Project, Microbiology, Arizona State University) 2022

Scholarly Project: How the Gut Microbiome of a Pescatarian Compares to That of the Average Diet

- Current Position: unknown

Kuamo'o, Amber (Capstone Senior Project, Microbiology, Arizona State University) 2016

Scholarly Project: Modified *Bifidobacterium bifidum* inhibits TNF- α induced NF- κ B activation to decrease inflammation and permeability of intestinal epithelium in Celiac disease

- Current Position: Advanced Medical Support Assistant, U.S. Department of Veterans Affairs

Nardi, Tiffany (Capstone Senior Project, Biology, Arizona State University) 2016

Scholarly Project: The use and knowledge of probiotics in the Phoenix Metro Area

- Current Position: Registered Nurse, Northwestern Medicine

Tarver, Michael (Capstone Senior Project, Biology, Arizona State University) 2016

Scholarly Project: Antibiotic use on livestock culture

- Current Position: Chief of Staff, House of Holmes, Arizona

COMMITTEE MEMBER – GRADUATE & UNDERGRADUATE HONORS

Doctoral Students

Zhou, Fang (PhD, Exercise and Nutritional Sciences, Arizona State University) 2021 – present

Dissertation: TBD; Chair: Shu Wang

- Current Position: Doctoral Candidate

Marquez Alcaraz, Gissel (PhD, Evolutionary Biology, School of Life Sciences, Arizona State University) 2022 – present

Dissertation: TBD; Chair: Athena Aktipis

- Current Position: Doctoral Candidate

Kim, Yookyung (PhD, Speech and Hearing Science – Translational Genetics of Communication Abilities, College of Health Solutions, Arizona State University) 2021 – 2025

Dissertation: TBD; Chair: Beate Peter

- Current Position: Postdoc

Bowes, Devin (PhD, Biological Design, Arizona State University) 2019 – 2022

Dissertation: Novel Applications of Wastewater-based Epidemiology for Assessing Population Nutrition, Infectious Disease, and Chronic Illness; Chair: Rolf Halden

- Current Position: Assistant Professor, University of South Carolina

Mohr, Alex (PhD, Exercise and Nutrition Sciences, Arizona State University) 2018 – 2022

Dissertation: Resiliency and Individuality Influence the Gut Microbiome Through Nutritional and Feeding Behavior Pressures; Chair: Karen Sweazea

- Current Position: NIH T32 Postdoctoral Fellow, Arizona State University	
Dirks, Blake (PhD, Microbiology, Arizona State University) Dissertation: TBD; Chair: Rosa Krajmalnik-Brown - Current Position: Doctoral Candidate	2018 – 2025
Arias Gastelum, Mayra (PhD, Exercise and Nutrition Sciences, Arizona State University) Dissertation: Dietary Patterns among Overweight/Obese Mexican-American Women with or at risk for Type 2 Diabetes; Chair: Sonia Vega-López - Current Position: Professor, Universidad Autónoma de Sinaloa, Mexico	2017 – 2018
Crawford, Meli'sa (PhD, Biological Sciences, Arizona State University) Dissertation: TBD; Chair: Dr. Karen Sweazea - Current Position: Assistant Professor, Rutgers University, New Jersey	2016 – 2019
Jarrett, Catherine (PhD, Physical Activity, Wellness, and Nutrition Interdisciplinary Doctorate, Arizona State University) Dissertation: Effects of Muscle Contraction Frequency on Blood Glucose Control, Insulin Sensitivity, Endothelial Function and Blood Pressure Among Obese Males; Chair: Dr. Glenn Gaesser - Current Position: Assistant Professor, Washington State University	2016 – 2017
Argent, Autumn (PhD, Nursing and Health Innovation, Arizona State University) Dissertation: TBD; Chair: Dr. Elizabeth Reifsnider - Current Position: Assistant Nurse Manager, Kaiser Permanente, California	2015 – 2024
Tucker, Wesley (PhD, Physical Activity, Wellness, and Nutrition Interdisciplinary Doctorate, Arizona State University) 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 - Current Position: Assistant Professor, University of Texas Health Science Center	2015 – 2016
Arnold, Taylor (PhD, Physical Activity, Wellness, and Nutrition Interdisciplinary Doctorate, Arizona State University) 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 - Current Position: CEO and Registered Dietitian, Growing Intuitive Eaters	2014 – 2016
<u>Master's Students</u>	
Reyna, Jarely (MS-DI, Nutrition, Arizona State University) Thesis: TBD - Current Position: MS Student	2025 – present
Walker, Ashley (MS-DI, Nutrition, Arizona State University) Thesis: TBD - Current Position: MS Student	2025 – present
Ghandi, Chelsie (MS, Nutritional Science, Arizona State University) Thesis: The Impact of Nursing Support on Breastfeeding and Neonatal Abstinence Syndrome (NAS) Outcomes in Substance-Exposed Infants: A Pilot Study; Chair: Angela Lober - Current Position: defended thesis in April 2025 and will be pursuing employment	2023 – 2025
Chong, Dorcas (MS-DI, Nutrition, Arizona State University)	2023 – 2025

Thesis: Examining the Relationship between Breastfeeding Duration and Early Child Motor Development in Underserved Hispanic preschoolers; Chair: Dr. Rebecca Lee

- Current Position: defended thesis in April 2025 and will begin dietetic internship (DI) in Fall 2025

Waxman, Cayla (MS, Nutritional Science, Arizona State University)

2021 – 2023

Thesis: Dual participation in SNAP and WIC: Household characteristics and barriers and facilitators to participation; Chair: Dr. Meg Bruening

- Current Position: Registered Dietitian, WIC Breastfeeding Supervisor, Ohio

Fahmy, Gabriella (MS-DI, Nutrition, Arizona State University)

2021 – 2023

Thesis: Exploring how the COVID-19 Pandemic Impacted Immigrant Breastfeeding Behaviors Compared to U.S-Born Citizens; Chair: Dr. Roseanne Schuster

- Current Position: Registered Dietitian, DeRose Therapy Group + Chief Executive Officer, Delicious Nutritious Health, California

Stolworthy, Alexandra (MS, Nutritional Science, Arizona State University)

2021 - 2022

Thesis: The Impact of SNAP Participation on Pregnancy Weight Related Outcomes and Program Participation of Pregnant WIC Participants in Arizona; a Cross Sectional Study; Chair: Dr. Meg Bruening

- Current Position: Registered Dietitian, WIC Nutrition Consultant, Arizona Department of Health Services

Ortiz, Steven (MS, Nutritional Science, Arizona State University)

2021 - 2022

Thesis: Fruit and vegetable consumption for Arizona urban and rural WIC participants; Chair: Meg Bruening

- Current Position: Registered Dietitian, Division Manager for Nutrition and Vital Records, Pinal County, Arizona

Zacarias, Ivan (MS, Nutritional Science, Arizona State University)

2020 - 2022

Thesis: Effects on Benefit Redemption When 2% Milk is Issued After WIC Participants Refuse 1% or Fat Free Milk; Chair: Dr. Meg Bruening

- Current Position: Registered Dietitian, WIC Director, Valle del Sol WIC, Arizona

Ketha Hazarath, Pravallika Reddy (MS, Electrical Engineering, Arizona State University)

2020

Thesis: Machine learning-based analysis of the relationship between the human gut microbiome and bone health; Chair: Dr. Daniel Bliss

- Current Position: Machine Learning Engineer, InfoVision, Inc., California

Schmucker, Madison (MS-DI, Nutrition, Arizona State University) The Association of Romantic Relationships, Eating Out Habits, and Alcohol Consumption in College Freshmen Over Time: A Longitudinal Study; Chair: Dr. Meg Bruening

2018 – 2020

- Current Position: Registered Dietitian, Ascension, Indiana

Gutierrez, Marisa (MS-DI, Nutrition, Arizona State University)

2018 – 2020

Thesis: Does diet quality mediate the relationship between food insecurity and obesity among preschoolers?; Chair: Dr. Meg Bruening

- Current Position: Registered Dietitian, Mountain Park Health Center, Arizona

Curtin, Annie (MS-DI, Nutrition, Arizona State University)

2018 – 2020

Thesis: The Effects of Vitamin B6 Supplementation on Mood States in College Women Taking Oral Contraceptives; Chair: Dr. Carol Johnston

- Current Position: Registered Dietitian, Arizona Regional Manager, AM Nutrition Services

Ortiz (Pelham), Emily (MS-DI, Nutrition, Arizona State University)

2018 - 2020

Thesis: Dietary Intake Behaviors of Recreational Mountain Hikers Climbing "A" Mountain in Summer and Fall; Chair: Dr. Floris Wardenaar

<ul style="list-style-type: none"> - Current Position: Registered Dietitian, self-employed through private practice + Nutrition Specialist, AM Nutrition Services, Arizona 	
Ugarte, Noel (MS-DI, Nutrition, Arizona State University) Thesis: Assessing the Relationship Between Cobalamin Deficiency and Methylation Capacity in a Vegetarian Population; Chair: Dr. Carol Johnston <ul style="list-style-type: none"> - Current Position: Registered Dietitian, unknown 	2017 – 2019
McCormick, Kelly (MS-DI, Nutrition, Arizona State University) Thesis: Will a Novel Organometallic Complex Mitigate the Effects of Hypertension in Rats Fed a High Fat Diet?; Chair: Dr. Karen Sweazea <ul style="list-style-type: none"> - Current Position: Registered Dietitian, Nutrition Specialist, AM Nutrition Services, Arizona 	2017 – 2018
Henningson, Summer (MS-DI, Nutrition, Arizona State University) Thesis: The Effects of Vinegar on Salivary pH and Dental Erosion; Chair: Dr. Carol Johnston <ul style="list-style-type: none"> - Current Position: unknown 	2017 – 2018
Chen, Yufei (MS, Nutritional Science, Arizona State University) Thesis: Associations among depressive mood, BMI, and added sugar consumption among Arizona State University Freshmen; Chair: Dr. Meg Bruening <ul style="list-style-type: none"> - Current Position: Registered Dietitian, Assistant Preschool Teacher, In the Beginning Preschool, Washington 	2016 – 2017
Miller, Brendan (MS, Nutritional Science, Arizona State University) Thesis: The Effect of Vitamin D Supplementation on Plasma Aβ in an Older Population: A Randomized Control Trial; Chair: Dr. Carol Johnston <ul style="list-style-type: none"> - Current Position: unknown 	2014 – 2016
Brennhofner (Nelson), Stephanie (MS-DI, Nutrition, Arizona State University) 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 <ul style="list-style-type: none"> - Current Position: Senior Data Analyst & Infectious Disease Epidemiologist, University of Virginia 	2014 – 2016
<u>Undergraduate Honors Students</u>	
Pham, Emiko (Barrett Honors Senior Thesis) Thesis: Associations Between Early Postpartum Maternal Sleep and Depression with Infant Social-Emotional Development at 12 Months <ul style="list-style-type: none"> - Current Position: Undergraduate student 	2023 – 2025
Awan, Hafsa (Barrett Honors Senior Thesis) Thesis: Examining The Relationship Between Feeding Practices and Infant Sleep Development; Chair: Megan Petrov <ul style="list-style-type: none"> - Current Position: Undergraduate student 	2023 – 2024
Cahill, Dara (Barrett Honors Senior Thesis, College of Health Solutions) Thesis: Metabo-psychiatric Disorders: Exploring the Genetic and Epigenetic Role of Chromosome17 in Restrictive Eating Disorders; Chair: Elizabeth Kizer <ul style="list-style-type: none"> - Current Position: Graduate Student, Arizona State University 	2023 – 2024
Macias, Janet , Biological Sciences (Biomedical Sciences), College of Liberal Arts & Sciences; Chair: Megan Petrov Thesis: The Association Between Postpartum Maternal Sleep and Infant Gut Microbiome Diversity; Chair: Megan Petrov	2022 – 2024

- Current Position: Clinical Research Specialist, St. Joseph's Hospital and Medical Center, Arizona	
Williams, Susanna (Barrett Honors Senior Thesis, Nutrition, College of Health Solutions) Thesis: Effect of Vinegar Consumption on Mood State; Chair: Dr. Carol Johnston - Current Position: unknown	2020 – 2021
Gadau, Alice (Barrett Honors Senior Thesis, Health Sciences, School of Life Sciences) Thesis: Studying the gut microbiome of urban and rural birds; Chair: Dr. Karen Sweazea - Current Position: Graduate Fellow, The Rockefeller University, New York	2016 – 2018
Ugarte, Noel (Barrett Honors Senior Thesis, Nutrition, Arizona State University) Thesis: Studying the effect of ground turmeric on constipation and bowel movement regularity; Chair: Dr. Carol Johnston - Current Position: unknown	2015 – 2017
Patel, Kapila ((Barrett Honors Senior Thesis, Nutrition, Arizona State University) 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 - Current Position: Pediatric Resident Physician, UC Irvine Medical Center (CHOC), California	2015 – 2016
Do, Julie (Barrett Honors Senior Thesis, Nutrition, Arizona State University) Thesis: Turmeric Effects on Serum Lipid Concentration; Chair: Dr. Carol Johnston - Current Position: unknown	2015 – 2016
UNDEGRADUATE RESEARCH MENTORSHIP	
<u>BUILDing SCHOLARS Summer Research Mentor</u> , ASU and Univ. of Texas at El Paso	
Desiree Miller , General Studies, UTEP Student	May – Jul 2019
Castillo-Martinez, Luisa , Chemistry, UTEP Student Student Mentor Award, BUILDing Scholars UTEP, Sept 2017	May – Jul 2016 & 2017
Chacon, Lauren , Health Sciences, UTEP Student	May – Jul 2017
<u>SEED Program</u> , ASU	
Mohamad Alkahlout, Engineering, ASU	2015 – 2016
<u>Undergraduate Research Interns, PAID</u>	
Pham, Emiko , Biochemistry, ASU	2024 – 2025
Liedike, Bethany , Dietetics, ASU	2021 – 2022
Gabrielle Pettit , W.P. Carey School of Business, ASU	2018 – 2019
Dente, Brandon , Nutrition, ASU	2016
Kargar, Sarah , Biology, ASU	2016
Smith, Nicole , Nutrition, ASU	2016
<u>NTR499/CHS494/CHS484 or Similar Independent Undergraduate Research Course or Volunteers</u>	
Manuel, Alan , Nutritional Science, College of Health Solutions, ASU	2025
Zagha, Celine , Nutritional Science, College of Health Solutions, ASU	2025
Diress, Elham , Nutritional Science, College of Health Solutions, ASU	2025
Parsons, Aliyah , Nutritional Science, College of Health Solutions, ASU	2025
Wandimagegnehu, Mihret , Nutritional Science, College of Health Solutions, ASU	2025
Guma, Yeabesera , Nutritional Science, College of Health Solutions, ASU	2024
Udoinwang, Ofonimeh , Nutritional Science, College of Health Solutions, ASU	2024
Trinh, Kimberly , Nutritional Science, College of Health Solutions, ASU	2024
Yacano, Amber , Nutritional Science, College of Health Solutions, ASU	2024
Bughi, Madison , Nutritional Science, College of Health Solutions, ASU	2024

Palomino, Denecia , Nutritional Science, College of Health Solutions, ASU	2023
Bretz, Summer , Nutritional Science, College of Health Solutions, ASU	2023
DeGraff, Jasmyn , Dietetics, College of Health Solutions, ASU	2023 – 2024
DePinto, Alexandra , Biological Sciences, College of Liberal Arts & Sciences, ASU	2023
Tribby, Rachel , Nutritional Science, College of Health Solutions, ASU	2023
Ortiz, Sidney , Nutritional Science, College of Health Solutions, ASU	2023
Georgis, Rama , Nutritional Science, College of Health Solutions, ASU	2023
Bitoon, Jan Mary , Nutritional Science, College of Health Solutions, ASU	2022
Koelbel, Megan , Dietetics, College of Health Solutions, ASU	2021
Adams, Dylan , Kinesiology, College of Liberal Arts & Sciences, ASU	2019
Lahti, Caroline , Biochemistry, College of Liberal Arts & Sciences, ASU	2019 – 2020
Ganev, Elena , Dietetics, College of Health Solutions, ASU	2019
Bhakta, Simran , Dietetics, College of Health Solutions, ASU	2019
Davison, Stacy , Dietetics, College of Health Solutions, ASU	2019
Jenny, Matthew , Medical Studies, College of Health Solutions, ASU	2019
Ahern, Mary , Dietetics, College of Health Solutions, ASU	2018 – 2019
Quigley, Kate , Dietetics, College of Health Solutions, ASU	2018 – 2019
Gustafson, Lauren , School of Molecular Sciences, ASU	2018
Gabrielle Pettit , W.P. Carey School of Business, ASU	2018
Adams, Danielle , School of Nutrition and Health Promotion, ASU	2017
Godinez, Jacqueline , School of Nutrition and Health Promotion, ASU	2017
Hammon, Leslie , School of Nutrition and Health Promotion, ASU	2016 – 2017
McCormick, Kelly , School of Nutrition and Health Promotion, ASU	2016 – 2017
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)

<u>Students</u>	<u>Experience Description</u>	<u>Semester</u>
Sarah Alyea, Sarah Appleby, Melinda Barnum, Makenna Baum, Alex Berghorst, Sha Charley, Brandon Dente, Monica Diaz, Megan Dzurka, Sydney Fierreira, 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)	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.	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	*See description above	Spring 2016

Ramos, Janica Sampang, Anna Schmeling,
Kristen Steiner, Kalah Walden **(18 students)**

TRAINEE/STUDENT AWARDS

Mohr, Alex

-Best Overall Presentation, ISBNPA 2022 Annual Meeting 2022

Liedike, Bethany

-GPSA Graduate Research Grant (\$2,000) 2022

Jasbi, Paniz

-1st Place, Graduate Oral Presentations, Arizona Physiological Society - 14th Annual Meeting 2021

Castillo, Luisa

-Cornell Univ., Deans Excellence Fellowship (4.5 years, tuition & stipend) 2019

-10th International Symposium on Nutritional Aspects of Osteoporosis Dr. Bess Dawson-Hughes Poster Award, 2nd Place 2017

-BUILDing Scholars Travel Grant (\$1,000) 2017

-BUILDing Scholars Best Mentor Award (\$500) 2017

-COURI Travel Award (\$300) 2017

-SGA Travel Award (\$150) 2017

Journey, Elizabeth

-GPSA Graduate Research Grant (\$2,000) 2015

Mahmood, Tara

-Texas A&M, Dept. of Nutrition & Food Science, Graduate Excellence Fellowship (1 year, tuition & stipend) 2019

-GPSA Jumpstart Award (\$750) 2017

-GPSA Graduate Research Grant (\$2,000) 2016

Ortega-Santos, Carmen

-College of Health Solutions Graduate Student Travel Grant (\$700) 2020

-GPSA Out-of-State Career Development Grant (\$500) 2018

-Exercise and Nutrition Sciences PhD Student Block Grant (\$3,460) 2017

Vander Wyst, Kiley

-GPSA Out-of-State Career Development Grant (\$550) 2018

-Exercise and Nutrition Sciences PhD Student Block Grant (\$4,570, \$4,570) 2017, 2018

-John & Elizabeth Ainsworth PANW Student Travel Award (\$250, \$500, \$500) 2017, 2018, 2019

Vercelli (Ellis), Megan

-Sigma Xi Grant-in-Aid of Research, ASU Chapter (\$200) 2015

PROFESSIONAL, UNIVERSITY, AND COMMUNITY SERVICE

PROFESSIONAL COMMUNITY SERVICE

Panel Member, Congressionally Directed Medical Research Programs (CDMRP), Peer Reviewed Medical Research Program (PRMRP) September 2025

Reviewer, American Society for Nutrition (ASN) Annual Meeting Abstract Reviewer January 2025

Reviewer, 2024 Military Operational Medicine Research Program of the U.S. Army Medical Research & Development Command December 2024

Reviewer, Alliance for Potato Research & Education Grant Program July 2024

Invited Participant, NourishNow: A Science Dialogue on Improving Adolescent Health through Nutrition, Arkansas Child Nutrition Center + National Cattlemen's Beef Association	May 2024
Ad-Hoc Reviewer, National Cattlemen's Beef Association Grant Program	May 2024
Reviewer, American Society for Nutrition (ASN) Annual Meeting Abstract Reviewer	February 2024
Reviewer, OER Lifespan Nutrition Digital Textbook, Infancy Chapter	February 2023
Reviewer, Swiss National Science Foundation Grants Program	January 2023
Reviewer, 2023 Military Operational Medicine Research Program of the U.S. Army Medical Research & Development Command	January 2023
Panel Moderator, 4 th Trimester Ecosystem Summit on Child Mental Health and Development in Arizona	September 28, 2022
External Reviewer for Promotion to Associate Professor Case, University of Nevada, Las Vegas	July 2022
Session Chair/Moderator for O.3.26 The first 1000 days: latest science in behavioral nutrition and physical activity. ISBNPA Annual Meeting, Phoenix, Arizona	May 21, 2022
Reviewer, NIH Special Emphasis Panel, Mobile Health in Low and Middle Income Countries (ZRG1 HDM-K 55)	March 2022
Reviewer, American Pistachio Growers Grant Panel	March 2022
Reviewer, 2022 Military Operational Medicine Research Program of the U.S. Army Medical Research & Development Command	January 2022
External Reviewer for Promotion to Associate Professor Case, Oklahoma State University	September 2021
Reviewer, NIH Clinical Informatics and Digital Health (CIDH) Study Section	June 2021
External Reviewer for Promotion to Associate Professor Case, University of Colorado Anschutz Medical Campus	June 2021
Section Editor – Functional Foods, Current Nutrition Reports Journal	2019 – 2021
Editor (Nutrition-related articles), PLOS ONE Journal	2019 – 2022
Purdue University Nutrition Science Alumni Network	
Past-President	2018 – 2020
President	2016 – 2017
Session Chair/Moderator for Abstract Presentations, ISNAO Conference, Montreal, Canada	June 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 Representative, ASN Vitamins and Minerals Research Interest Section	2012 – 2013

UNIVERSITY/COLLEGE/PROGRAM SERVICE

University Service

Clinical Research Services Governance Board, Knowledge Enterprise	2024 - present
Informal Mentor, NIH T32 applicants (provided advice and assistance to 3 applying faculty teams across ASU units – all 3 received funding)	2024
Reviewer, LIFT Initiative Presidential Predoctoral Trainee Program Applications	Nov 2023
Co-Chair, Microbial Omics and Data Integration Faculty Search, Biodesign Institute Center for Health Through Microbiomes	2021-2022
Member, Two Faculty Searches, Biodesign Institute Center for Fundamental and Applied Microbiomics	2018 - 2019
Faculty Mentor, Arizona State University Edson Award-winning Startup Company, Neolight	2014 – 2016
Mentor, ASU Startup Summit Innovation Challenge	Sept 2014

College Service

Member, Grant Review Committee, College of health Solutions	2023 – present
Member, Faculty Search Committee, Metabolomics, College of health Solutions	2021 – 2023

Maternal and Child Health Translational Research Team	
Co-Director	2022 – present
Training Core, Co-Director	2020 – 2022
Assistant Director, Management Team, Precision Health, College of Health Solutions	2020 – present
Co-Chair, College of Health Solutions Wellness and Vitality Committee	2019 – 2021
Co-Chair, Two Search Committees for Research Laboratory Technician	2019 – 2020
Member, College of Health Solutions Executive Visioning Committee	Fall 2019 – 2020
Member, College of Health Solutions Ad-Hoc Workload Distribution Committee	2019 – 2020
Member, College of Health Solutions Workload Distribution Committee	2019 – 2020
Member, College of Health Solutions Committee on Committees	2018 – 2020
Member, College of Health Solutions Community Partnerships Visioning Committee	Spring 2018
Three Faculty Searches, Nutrition Academic Program (global nutrition, nutrigenomics, and sports nutrition focuses)	2016 – 2017
Faculty Member, Residential College Advisory Board (RCAB), Faculty Affiliate for Chill N' Chats with students on 3 floors at Taylor Place	2016 – 2017
CHS101, Faculty Instructor (College Nutrition Topic with Dr. Meg Bruening)	Fall 2016
College and Program Staff Search Committees	2017
Senior Lab Technician	2016
PRN Nurse	2015
Radiology Technician	2015

Academic Program Service

Director, Bachelor of Science Degree Program in Nutritional Science	2021 – present
Member, Exercise and Nutrition Science Doctoral Program Admissions Committee	2016 – present
Member, Nutrition Master of Science Program Admissions Committee	2015 – present
School of Nutrition & Health Promotion, Annual Tenure-Track Performance Evaluation Committee	
Chair	Spring 2018
Member	2015 – 2017
Member, Nutrition and Health Sciences Scholarship and Awards Committee	2014 – 2020
Nutrition Co-Chair, Student Health Outreach for Wellness (S.H.O.W.) Program	2014 – 2016

ACADEMIC SOCIETY MEMBERSHIPS

American Society for Nutrition	2008 – present
American Society for Bone and Mineral Research	2013 – 2019
Developmental Origins of Health and Disease	2012 – 2020
Sigma Xi (current member of ASU Chapter, past member of Cornell Chapter)	2013 – 2020
Obesity Society	2017 – 2020

AD-HOC JOURNAL REVIEWS

American Journal of Clinical Nutrition
 Calcified Tissue International
 International Journal of Molecular Sciences
 Gut Microbes
 Journal of Nutrition
 Maternal and Child Health
 Molecular Nutrition and Food Research
 Nutrients
 Obesity
 Osteoporosis International
 Pediatric Obesity
 PLOS ONE
 Scientific Reports

SCIENTIFIC ADVISORY BOARD MEMBERSHIPS

Theriome, ASU student-initiated start-up company	2024 – present
California Walnut Commission	2023 – present
Wheat Foods Council	2020 – 2023
Avocado Nutrition Science Center Advisory Board	2019 – 2024
Ardent Mills, L.L.C.	2018 – 2021

SIGNIFICANT PROFESSIONAL-RELATED COMMUNITY SERVICE

ASU OLLI Program – Developed a two-part course (3 hours total) for members of the community interested in lifelong learning opportunities. The title of the class series was “Bone Appétit: A Recipe Guide to Skeletal Health.”	August 2024
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 also served as a mentor to one or more of the girls in my free time 5-10 hours per week.	Jan 2016 – Mar 2017
Maricopa County Department of Public Health, South Phoenix Healthy 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 – Dec 2017