

SHAUNA GRANT

ASSOCIATE TEACHING PROFESSOR

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EDUCATION

- 2009 **M.S. Human Nutrition**
Arizona State University
Thesis: Impact of sedentary behaviors on markers of chronic disease in young women.
Advisor: Kathleen Woolf, PhD, RD
- 2002 **B.S. Exercise Science**
Northern Arizona University
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CREDENTIALS

- 2020 Certified Nutrition Support Clinician
- 2009 Registered Dietitian
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TEACHING EXPERIENCE

- 2015 – Present **Associate Teaching Professor**
Arizona State University | Phoenix, AZ
- Develop individual lessons to match course and program level objectives for a variety of nutrition courses, including medical nutrition therapy
 - Incorporate active learning techniques to increase student retention and engagement
 - Incorporate principles related to justice, equality, diversity and inclusion in activities, assignments and content delivered to students.
 - Experience educating students in on-ground, online and hybrid modalities
- 2013 – 2015 **One-Year-Only Faculty**
Mesa Community College | Mesa, AZ
- Taught a variety of nutrition courses utilizing interactive technology in the classroom
 - Restructured laboratory curriculum and manual for optimal learning
 - Utilized Canvas for communication, course materials and grades
 - Instruction included online, hybrid and face-to-face formats
- 2013 – 2015 **Adjunct Faculty**
Chandler-Gilbert Community College | Chandler, AZ
- Developed syllabus and content for on-ground introductory nutrition course

PROFESSIONAL EXPERIENCE

- 2012 – 2013 **Clinical Dietitian**
Mercy Gilbert Medical Center | Gilbert, AZ
- Evaluated anthropometric, biochemical, clinical and dietary measures to assess nutritional status and determine appropriate interventions for patients
 - Provided appropriate dietary education to patients and staff
 - Communicate patients' needs and plan of care with hospital staff
- 2009 – 2012 **Clinical Dietitian**
Mountain Vista Medical Center | Mesa, AZ
- Evaluated multiple clinical and dietary measures to assess nutritional status and determine appropriate interventions for patients
 - Offered in-patient and out-patient dietary education
 - Communicated patients' needs and plan of care among the interdisciplinary team.
- 2009 **Registered Dietitian**
CN Resource | Mesa, AZ
- Conducted reviews of day care centers participating in the Child and Adult Care Food Program
 - Performed analysis of weekly menus, kitchen sanitation and child eligibility status
 - Provided nutrition recommendations to day care centers for menu improvements
- 2002 – 2003 **Exercise Physiologist**
Arizona Heart Institute | Phoenix, AZ
- Responsible for monitoring and documenting patient's response to exercise for Phase II and Phase III cardiac rehabilitation patients in a cardiac conditioning unit
- 2002 **Exercise Physiologist**
Healthwaves | Tempe, AZ
- Responsible for administering on-site corporate wellness programs and conducting corporate health fairs

PROFESSIONAL PRESENTATIONS

- May 2013 **Nutrition: A Road to A Healthier You** | Arizona Public Defenders Association

PROFESSIONAL PUBLICATIONS

- 2022 Taylor BR, Grant S, McCoy M, Hart T. Effect of early nutrition support on length of stay, mortality, and extubation in patients with COVID-19. *Nutr Clin Pract.* 37(4):852-860.

MENTORSHIP

MASTER'S DEGREE: PRIMARY MENTOR

- 2022 Beth Peterson, M.S. in Nutrition Science (Dietetics), *A Survey of Current Policies and Practices Related to Gastric Residual Volumes in Intensive Care Units in the United States.*
- 2022 April Carlson, M.S. in Nutrition Science (Dietetics). *Development of a Volume Based Feeding Protocol for a Trauma ICU.*
- 2021 Karyn Shaw, M.S. in Nutritional Science (Dietetics), *Creation of Nutritional Education Materials Targeting Pediatric Patients with Cystic Fibrosis and High Weight.*
- 2021 Rebecca Mrotek, M.S. in Medical Nutrition, *Creation of Education Materials to Self-Manage Early Stages of Renal Disease.*
- 2021 Brittney Taylor, M.S. in Nutritional Science (Dietetics), *Early Nutrition Support, LOS, Mortality, Extubation and Nutrition Support Related Outcomes in COVID-19 Patients at the Largest Hospital in Arizona.*
- 2020 Lareina Samonte, M.S. in Nutritional Science (Dietetics), *Volume-Based Feeding as a Safe and Effective Method in Optimizing the Nutrition Status of Intensive Care Unit Patients: A Systematic Review.*
- 2020 Kayla Boeckman, M.S. in Medical Nutrition, *Effect of Caffeine from Energy Drinks and other Beverages on Military Personnel: A Survey-Based Study.*
- 2020 Ilana Virgadamo, M.S. in Nutritional Science (Dietetics), *Increasing DaVita Heartland Dietitian Knowledge and Identifying Barriers of Performing a Nutrition-focused Physical Exam and Assessment.*
- 2020 Mary Georg, M.S. in Nutritional Science (Dietetics), *Merging Technology to Narrow the Health Literacy Gap in Patients with Chronic Kidney Disease.*
- 2019 Jessica Moosbrugger, M.S. in Nutritional Science (Dietetics), *Enhanced Recovery After Surgery (ERAS) Protocols May Improve Surgical Outcomes in Adult Orthopedic Patients.*
- 2019 Anna Hom, M.S. in Nutritional Science (Dietetics), *Early Nutrition Interventions for Head/Neck And Gastrointestinal Cancer Patients In Outpatient Settings.*

MASTER'S DEGREE: APPLIED PROJECT/THESIS COMMITTEE MEMBERSHIPS

- 2023 Allyson Demieke, M.S. in Nutritional Science, *The Effects of Maqui Berry Extract Plus Omega-3 Fatty Acids on Cognition.*
- 2023 Amanda Probst, M.S. in Nutrition Science, *Effects of Corn Flour Consumption on Cardiovascular Disease in Adults with High Cholesterol.*
- 2023 Michelle Harris, M.S. in Nutrition Science, *The Effects of Corn Flour on Heart Health and the Gut Microbiome.*

- 2022 Alexandra Lish, M.S. in Nutrition Science, *Vinegar Intake on Metabolic Syndrome Risk in a Randomized Control Trial.*
- 2021 Genvieve Geenen, M.S. in Nutrition Science, *Effects of Maqui Berry Extract and Omega-3 Fatty Acid Supplementation on Pro-Inflammatory Cytokines in Older, Obese Adults.*
- 2021 Anatheresa Deleon, M.S. in Nutritional Science, *The Effects of Intermittent Fasting on Quality of Life and Happiness: A Randomized Control Trial.*
- 2019 Anne Curtin, M.S. in Nutritional Science, *The Effects of Vitamin B6 Supplementation on Mood States in College Women Taking Oral Contraceptives.*
- 2018 Jacob Flemming, M.S. in Nutritional Science, *Effects of High-Intensity Interval Exercise (HIIE) vs Moderate-Intensity Continuous Exercise (MIE) on Postprandial Substrate Oxidation After Consumption of an Isocaloric High Sugar/ Fat Meal in Healthy Adults.*
- 2019 Baylee Evans, M.S. in Obesity Prevention and Management, *Measuring the Confidence Levels of Health Care Students at Arizona State University After Participating in Interprofessional Education.*
- 2019 Kimberly Baker, M.S. in Nutritional Science (Dietetics), *Educational Tool for Renal Social Workers on the Renal Diet: A Cross Training Implementation Intended to Improve Interdisciplinary Team Effectiveness.*

HONOR'S THESIS COMMITTEE MEMEBERSHIPS

- 2023 Courtney Sandnas, Committee Member, *Evaluation of a Nutrition Education Tool for High School Dancers.*
- 2020 Breanna Deets, Committee Member, *Treatment of Multiple Sclerosis through Lifestyle Changes: Nutrition, Exercise, Sleep, and Stress Management.*
- 2018 Nikita Buhyam, Chair, *Anti-Inflammatory Cookbook for Diabetic Patients.*

SERVICE UNIVERSITY

- 2021 - Present University Senate, Senator
- 2022 - Present University Senate, Personnel Committee
- 2018 - 2019 Food Security Committee

COLLEGE OF HEALTH SOLUTIONS

- 2021 - Present Faculty Service Committee
Co-Chair (2021 - 2022)
- 2020 - Present Academic Standards and Grievances Committee

2021 – Present	Personnel Ad Hoc Committee Co-Chair (2023)
2020 – Present	Academic Standards and Grievances Committee
2020 – Present	Personel Ad Hoc Committee Co-Chair (2023)
2020	COVID-19 Student Vitality Initiates Team
2019 – Present	Simulation Affinity Network Co-Chair (2022 – 2023)
2019 – 2020	Faculty Associate and Academic Associate Oversight Committee
2018 – 2020	Peer Teaching Evaluation Committee
2018	Faculty Success Hub

NUTRITION PROGRAM

2023	Nutrition Faculty Search Committee, Clinical Assistant Professor
2020 – Present	Nutrition Curriculum Committee
2019 – 2020	Nutrition Faculty Search Committee, Assistant Professor
2018 – 2019	Pitchfork Pantry, Faculty Advisor
2018 – 2019	Student Anti-Hunger Coalition, Faculty Advisor
2018 – 2022	Non-Degree Dietetic Internship Interview Committee
2016 – Present	M.S. in Nutritional Science/Dietetic Internship Selection Committee

PROFESSIONAL SERVICE

2021 – Present	Self-Assessment Committee, American Society for Enteral and Parental Nutrition
2018	Textbook Application Activity Editor: <i>Nutrition – Concepts and Controversies</i>
2017 – 2019	Interprofessional Event: Bertha Strong
2017	S.H.O.W. Health Fair
2016 – Present	Team Arizona: Interprofessional Healthcare Summit, Facilitator
2013	Textbook Reviewer: <i>Nutrition for a Changing World</i>