Nutrition Faculty Research Interests

Dr. Michelle Barrack

NUTR 530A: Carbohydrates, Lipids and Proteins
NUTR 530B: Vitamins and Minerals

- Sports nutrition, the Female Athlete Triad, and evaluating the interrelationships between diet, exercise and bone health among adolescents and young adults

Dr. Rachel Blaine

NUTR 580: Nutrition and the Media

- Early childhood nutrition, obesity prevention in child care settings, parenting and child snacking, interventions to promote healthy family habits, use of media and technology in health education
Dr. Gail Frank

NUTR 591A: Professional Practicum in Dietetics
NUTR 591B: Seminar in Dietetics Practice

- Nutritional epidemiology of CHD, cancer, diabetes, osteoporosis, and hypertension; dietary methodology in epidemiologic studies; Latino health promotion; health communication; child weight management/obesity; motivational interviewing;
- Research with M.S. students focuses on: Knowledge of RDN Professionals about 'Dietary Guidelines for Americans', Cultural Transition of Foods and Eating Patterns of Young Adults with Immigrating to US, Making Healthy Food Decisions at the Grocery Shelf, Nutrition Knowledge of Non-Nutrition Health Professionals, and Guidelines for Nutrition Information on Social Media

Dr. Virginia Gray

NUTR 531: Advanced Community Nutrition
NUTR 696: Research Methods

- Community nutrition, school nutrition (farm-to-school, farm-to-preschool), global issues in nutrition, nutrition education, policy and environmental supports, social aspects of food and nutrition, curriculum development
Dr. Cheryl Rock

FCSI 532: Food Analysis
FCSI 535: Food Processing, Preservation, and Packaging
FCSI 590: Food Product Development
FCSI 597: Independent Study

- Nutritional Biochemistry: elicitation of bioactives in food products, mediation on diet related diseases (i.e., cancer) and elucidation of their biological mechanisms of action in vivo and in vitro
- Food-Processing Engineering: the use of novel food-processing technologies such as Pulsed Light and Power Ultrasound (PU) in retaining or improving the quality/sustainability of food as it relates to the bioavailability and bioactivity of phytonutrients in vivo and in vitro

Dr. Long Wang

- Therapeutic lifestyle change, clinical nutrition, metabolism, nutrigenomics, inflammation, biomarkers, sports nutrition, nutrition education, health disparities, diversity promotion, curriculum development
LECTURERS WITH INTEREST IN SERVING ON GRADUATE COMMITTEES

- **Ms. Jessica Beaudoin**: nutrition education, clinical nutrition, Latino health, Health at Every Size
- **Dr. Diane Carson**: nutrition education, behavior change, child nutrition, curriculum
- **Ms. Wendy Devine**: sports nutrition, childhood nutrition, weight management, obesity
- **Ms. Mary Lyons**: GI/digestion, food/nutrients, phytochemicals/probiotics, cancer/nutrition and disease, mental health/genetics, weight loss/diets
- **Mr. Dustin Moore**: Health related behavior and habit modification/formation, scientific communication, cultural and social influences on dietary practices, and evidence-based approaches to public policy in health.
- **Ms. Amanda Sauceda**: nutrition technology, apps, behavior change