ASN Emerging Leaders in Nutrition Science Poster Competition

2017 Finalists

Saturday, April 22, 2017 • 5:00 – 7:00 PM
McCormick Place Convention Center • Hall F Swing Space

Sponsored by The Coca-Cola Company

Aging and Chronic Risks

1. **Ahmed Al Abdrababnabi**, Loma Linda University. “A Year-long Trial to Examine the Effects of a Daily Dose of Walnuts on Cardiometabolic Risk Markers in an Elderly Population.”

2. **Kirsten Bell**, McMaster University. “A Whey Protein-Based, Multi-Ingredient Supplement Independently Stimulates Gains in Lean Body Mass and Strength, and Enhances Exercise-Induced Adaptations in Older Men.”


6. **Bruno Lemos**, University of Connecticut. “Consumption of up to Three Eggs per Day Increases Dietary Cholesterol and Choline while Plasma LDL Cholesterol and Trimethylamine N-oxide Concentrations Are Not Increased in a Young, Healthy Population.”

7. **Sue MacDonell**, University of Otago, New Zealand. “Multiple Micronutrient Deficiencies Exist in Aged-care Residents, with Serum Zinc, not Iron, Being a Major Predictor of Anemia.”

8. **Cameron Mitchell**, University of Auckland. “Ten Weeks of Protein Consumption at the RDA Results in a Loss of Appendicular Lean Mass in Healthy Older Men, a Randomized Controlled Trial.”

9. **Lauren O'Connor**, Purdue University. “Daily Red Meat Intake does not Affect Improvements in Cardiovascular Disease Risk Factors Induced by Consuming the USDA’s Healthy Mediterranean-Style Eating Pattern.”

10. **Shirin Pourafshar**, Florida State University. “Genistein in Combination with Fructooligosaccharides Prevents Bone Loss in Ovariectomized Rats.”

11. **Marissa Shams-White**, Tufts University. “ANIMAL VERSUS PLANT PROTEIN INTAKE AND BONE HEALTH-A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS.”

12. **May Slim**, McGill University. “The Association Among Vitamin D status, Bone Geometry and Muscle Structure in 14 to 18 y Female Adolescents with Usual Intake of < 2 Servings of Milk and Alternatives per Day.”

14. Patricia Wolf, University of Illinois Urbana Champaign. “Race-dependent Association of Sulfidogenic Bacteria with Colorectal Cancer.”

15. Marta Zamroziecizwicz, University of Illinois Urbana-Champaign. “Prefrontal Cortex Structure Mediates the Relationship between Plasma Phospholipid Stearidonic Acid and Fluid Intelligence in Healthy, Older Adults.”

Community and Public Health Nutrition RIS

16. Torrey Alexis, Louisiana State University. “East Feliciana Parish LA Has Limited Availability of Nutritional Food Sources Which May be Associated with Obesity and Limit Individuals’ Ability to Meet Dietary Recommendations.”

17. Lauren Blacker, Cornell University. “Household food insecurity and gender inequity is associated with high prevalence of maternal depression amongst female farmers with young children in rural Tanzania.”


20. Mary Christoph, University of Minnesota. “Nutrition Facts Use by Young Adults: Predictors, Information Sought, and Relation to Dietary Intake.”


23. Emilie Emberton, University of Illinois at Urbana-Champaign. “Gender Differences in Dietary Attitudes and Behaviors of Participants in the Illinois Junior Chefs Program.”

24. Cindy Leung, University of California, San Francisco. “Attitudes of SNAP-approved store owners and managers regarding the proposed USDA rule to strengthen stocking standards: a qualitative study in San Francisco and Oakland, California.”

25. Cindy Leung, University of California, San Francisco. “Healthy food availability and marketing in San Francisco small food stores - differences by SNAP vendor status.”


27. Lauren Mangini, The University of Texas at Austin. “Number of Episodes of Food Insecurity in Childhood Directly Impacts Risk of Overweight/Obesity by Eighth Grade.”

28. Myat (Crystal) Pan Hmone, University of Sydney. “Impact of SMS Text Messages to Improve Exclusive Breastfeeding: A Randomized Controlled Trial in Myanmar.”

29. Sukhbir Randhawa, Pacific Northwest University of Health Sciences. “The Effect of a Prospective Lifestyle Intervention on Obesity Related Quality of Life in Youth.”

30. Angela Trude, Johns Hopkins University. “Impact of a Multi-Level Multi-Component Food Environment/Behavioral Intervention on Youth Leaders.”

31. Edwina Wambogo, University of Maryland, College Park. “Validity of the Food Insecurity Experience Scale (FIES) for use in Sub-Saharan Africa (SSA).”

Carotenoid and Retinoid Interactive Group (CARIG) RIS

32. Rachel Chiaverelli, Tufts University. “β-cryptoxanthin protection against cigarette smoke-induced inflammatory responses in the lung is due to the action of its own molecule.”
34. Sookyoung Jeon, University of Illinois at Urbana-Champaign. “A comparison of lutein bioaccumulation in infant rhesus macaques fed breast milk, carotenoid-supplemented formula, or unsupplemented formula.”

Diet and Cancer RIS
37. Jina Choi, CHA University. “Walnut Phenolic Extracts Induced Metabolic Reprogramming in Colon Cancer Stem Cells by Reinforcing the Mitochondrial Function: From RNA-seq to Mitochondrial Stress Test.”
38. Anna Han, University of Tennessee. “Butyrate Regulates Its Own Metabolic Fate as an HDAC inhibitor in Colorectal Cancer Cells.”
40. Shaifer Martin, Des Moines University. “Reduced Leucine Availability Inhibits the Growth of Bone Sarcomas by Stimulating the Fuel Sensing Enzyme AMPK.”
41. Candice Mazewski, University of Illinois at Urbana-Champaign. “Comparison of the inhibitory potential of anthocyanin-rich plant extracts on colon cancer cell proliferation and their mechanism of action in vitro.”
42. Devina Mehta, University of Cincinnati College of Medicine. “Dietary fat/cholesterol-sensitive PKCbeta-RB signaling: Potential role in diet-induced NASH/HCC axis.”
43. Holly Paden, Ohio State University. “Factors Associated with Food Safety Behaviors in Cancer Patients Seeking Treatment.”
44. Yong-Moon Park, National Institute of Environmental Health Sciences. “Association between dietary inflammatory potential and risk of breast cancer: findings from the Sister Study.”
45. Yong-Moon Park, National Institute of Environmental Health Sciences. “High dietary acid load is associated with risk of breast cancer: findings from the Sister Study.”
46. Sumira Phatak, Utah State University. “Ancestral and multi-generational consumption of the total Western diet in mice promotes colitis-associated colorectal cancer in third-generation offspring.”
47. Blaine Sherman, Texas State University. “The Efficacy of Silibinin to Reduce the Impact of Obesity on Invasive Prostate Cancer.”
48. YAEJIN WOO, Kyungpook National University. “Chestnut Leaf Extract Increases Sensitivity of Breast Cancer Stem Cells to Paclitaxel by Inhibiting Nrf2 Activity.”
49. Xian Wu, University of Massachusetts Amherst. “Nobiletin and its colonic metabolites suppress colitis-associated colon carcinogenesis by downregulating iNOS, inducing anti-oxidative enzymes and arresting cell cycle progression.”
50. Zhe Yin, Michigan State University. “Oxylipids derived from arachidonic and dihomo-gamma-linolenic acids are associated with colon polyps in adult males.”

Dietary Bioactive Components RIS
51. Divya Bharat, University of Utah. “Dietary Blueberries Attenuate Vascular Inflammation and Dysfunction in Diabetic db/db Mice.”
52. Xinyu Chen, College of Biosystems Engineering and Food Science, Zhejiang University. “Intervention effect of water-soluble antioxidant of bamboo leaves on short-term internal exposure and toxicokinetics of acrylamide in Chinese adolescents.”

53. Marianne Collard, Wake Forest School of Medicine. “Muscadine Grape Extract Inhibits Proliferation and Migration of Triple Negative Breast Cancer Cells in Association with a Reduction in TWIST.”

54. Rafael Cornez, Escuela de Nutrición, Universidad de la República. “Regular Consumption of a Functional Symbiotic Yogurt Increases Calcium Absorption in Young Adult Women.”


57. Justin Guice, LSU AgCenter. “Beneficial Effects of Fermentation of Whole Grains (WG) and Whole Grain Resistant Starch (RS) in Lean Zucker Diabetic Fatty (ZDF) Rats.”

58. Dongyean Kim, Hallym University. “Eucalyptol inhibits diabetes-associated renal fibrosis through blocking epithelial to mesenchymal transition in tubular epithelial cells under high glucose stimulation.”

59. Amy Leiferman, University of Nebraska. “Dietary Depletion of Bovine Milk Exosomes Elicits Changes in Amino Acid Metabolism in C57BL/6 Mice.”

60. Jinhui Li, The Ohio State University. “Green Tea Extract Protects Against Hepatic NFκB Activation Along The Gut-Liver Axis in Diet-Induced Obese Mice With Nonalcoholic Steatohepatitis By Reducing Endotoxin and TLR4/MyD88 Signaling.”

61. Sonia Manca, University of Nebraska-Lincoln. “The Bioavailability and Distribution of Bovine Milk Exosomes is Distinct from that of their Cargos in Mice.”

62. Stephanie Mondloch, University of Wisconsin-Madison. “Small servings of vegetables or a cruciferous supplement do not affect urinary estrogen metabolites in premenopausal women.”


64. Ed Slattery, California State University, Chico. “Effects of Sulforaphane in the Tumor Microenvironment of Triple-Negative Breast Cancer.”

65. Patrick Solsverson, USDA. “Seven Day Blackberry Feeding Lowers the Respiratory Quotient in Males And Improves Insulin Sensitivity.”

66. Chia Han Tsai, Chung Shan Medical University. “Docosahexaenoic acid, an omega-3 fatty acid, induces autophagy in human breast cancer cells: role of oxidative stress-induced growth inhibitor 1.”

67. Lei Wang, University of Minnesota Twin Cities. “Identification of activation of tryptophan-NAD⁺ pathway as a central metabolic response to chemical stress from feeding thermally-oxidized soybean oil in mouse through metabolomics-based biochemical analysis.”

68. Xian Wu, Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University. “Oral administration of curcumin and salsalate attenuates high fat diet-induced up-regulation of pro-inflammatory colonic cytokines and suppresses Akt/NFκB signaling in azoxymethane-treated mice.”

69. Chao Yang, Purdue University. “Vitamin E δ-tocotrienol inhibits NFκB activation by up-regulating A20 in macrophages and suppresses colitis-promoted colon tumorigenesis in mice.”

70. Shuwei Zhang, North Carolina A&T State University. “The role of gut microbiota on the metabolism of black tea theaflavins.”

73. Didier Brassard, Laval University. “Effects of Saturated Fatty Acids from Butter and Cheese on High-density Lipoprotein (HDL)-Mediated Cholesterol Efflux Capacity.”
74. Jahmal Brooks, University of Toronto. “Variable Intensity Exercise Increases Protein Requirements in Active Male and Female Adolescents as Determined by the Indicator Amino Acid Oxidation (IAAO) Technique.”
75. Diana DiMarco, University of Connecticut. “Intake of up to Three Eggs per Day is Associated with Improvements in Markers of HDL Function and Antioxidant Capacity in a Young, Healthy Population.”
76. Jean-Philippe Drouin-Chartier, Laval University. “Insulin Resistance Is Inversely Associated with the Intestinal Expression of Key Genes Involved in Chylomicron Assembly and Secretion.”
77. Brian Duke, University of Utah. “Four weeks of Low Magnesium Consumption can Dysregulate Whole-body Metabolism and Body Composition in Mice.”
78. Samanee Farsijadi, McGill University. “Even Mealtime Distribution of Protein Intake Is Associated with Greater Muscle Strength, But Not with 3-Year Decline, in Free-Living Older Adults: The Nuage Study.”
79. Kyle Flack, USDA-ARS. “Reducing Added Sugar Intake Increases the Relative Reinforcing Value of High-Sugar Foods.”
81. Jess Gwin, Purdue University. “A pilot study assessing whether the consumption of a protein-rich breakfast improves appetite control, eating behavior, and sleep quality compared to skipping breakfast in healthy young professionals.”
82. Jessica Hill, University of Memphis. “Glucocorticoids In Combination With a High Fat Diet Increase Acute Phase Proteins and Alters PUFA metabolism in Visceral Adipose Tissue.”
83. Joshua Hudson, Purdue University. “Consuming A Whey Protein Supplement Two Hours After A Low Protein Breakfast Preserves Amino Acid Availability.”
84. Rituraj Khound, University of Nebraska-Lincoln. “GLP-1 Mediates the Intrinsic Gut-Liver Metabolic Signaling in Anti-VLDL Overproduction and Insulin Resistance in Vagotomized Mice.”
85. Laura Lara Castor, Boston University. “Animal and Plant Proteins Impact Risk of Type 2 Diabetes Mellitus in The Framingham Study.”
86. Michael Mazzulla, University of Toronto. “Whole Body Net Protein Balance Plateaus in Response to Varying Protein Intakes During Post-Exercise Recovery: Identification of a Maximal Anabolic Intake.”
87. Wei-Chieh Mu, Purdue University. “The effect of dietary protein levels and branched-chain amino acid supplementation on body composition of aging C57BL/6 male mice.”
88. Stephanie Nishi, University of Toronto. “Almond fatty acid bioavailability in hyperlipidemia: A randomized controlled crossover trial.”
89. Jason Robinson, USDA/ARS Children’s Nutrition Research Center, Baylor College of Medicine. “Diminished Citrulline-Arginine-Nitric Oxide Production Rates are Associated with Necrotizing Enterocolitis Incidence in Premature Pigs.”
90. Karen Switkowski, Harvard Medical School and Harvard Pilgrim Health Care Institute. “Protein Intake in Early Childhood is Not Associated with Adiposity, Height, or IGF-I in Mid-Childhood among Well-Nourished Children in a U.S. Cohort.”
92. Christian Wright, Purdue University. “Effects of Dietary Protein Source and Amount on Bone Quantity and Body Composition following a High-Protein Weight-Loss Diet in a Rat Model of Postmenopausal Obesity.”


94. Jinan Zhao, NCSU. “Effects of Dietary Anaplerotic Carbon Sources and Ketogenic Fatty Acids on Hepatic Fatty Acid Oxidation in Neonatal Pigs.”

Experimental Animal Nutrition RIS

95. Ronique Beckford, Univ. of Tennessee. “Mechanisms for Programming Reduced Adiposity through Maternal Dietary Fish Oil.”


97. Lauren Fowler, University of Alabama at Birmingham. “Sex-Specific Differences in the Development of Diet-Induced Obesity in a Zebrafish Model.”

98. Amanda Longo, Brock University. “Trabecular Bone Microarchitectural Outcomes of the Mandible and Tibia or Lumbar Vertebrae are Correlated in SHAM but not the OVX Rat Model of Postmenopausal Osteoporosis.”

99. Heather Paul, University of Calgary. “Longitudinal 1H NMR Metabolomics Analysis Identifies Differences in Maternal Response to Pregnancy and Lactation between Lean and Diet-Induced Obese Sprague-Dawley Rats.”

Maternal, Perinatal and Pediatric RIS

100. Michelle Asbury, University of Toronto. “Factors Associated with In-Hospital Growth Trajectories of Very Low Birth Weight (VLBW) Infants.”


102. Neil Brett, McGill University. “Bone Mineral Accretion is Increased During Winter and is Positively Related to Lean Mass Accretion and Calcium Intake in Healthy Children 2-8 y.”


104. Carrie-Ellen Briere, Connecticut Children's Medical Center. “Stem-Like Cells in Breastmilk for Hospitalized Preterm Infants.”

105. Lauren Brink, University of California, Davis. “The role of milk fat globule membranes in behavior and cognitive function using a suckling rat pup supplementation model.”


107. Erin Davis, University of Illinois at Urbana-Champaign. “Early Life Milk Intake Among Infants of Different Feeding Modes.”


111. Brietta Oaks, University of California. “Plasma Alpha-Linolenic and Linoleic Acids in Early Pregnancy are Associated with Birth Outcomes in Rural Malawi.”
112. **Yuan Ru**, Cornell University. “Neonatal iron status at birth is independently regulated by fetally derived hepcidin in neonates born to women carrying multiple fetuses.”


114. **Emily Smith**, Boston Children’s Hospital. “Early Breastfeeding Initiation, Prelacteal Feeding, and Infant Feeding are Associated with Biomarkers of Environmental Enteric Dysfunction.”

115. **Samantha Weaver**, University of Wisconsin-Madison. “Administration of Fluoxetine or a Small Molecule TPH1 Inhibitor Affects Litter Size, Pup Mortality, and Milk Yield During Murine Pregnancy and Lactation.”

Global Nutrition Council


120. **Annalijn Conklin**, University of California, Los Angeles. “The impact of soaring food prices on obesity in women: A longitudinal analysis in 31 developing countries.”


123. **Doris González-Fernández**, McGill University. “Diet, Nutritional Indicators, Infections and Inflammation are Associated with Mean Arterial Pressure (MAP) in Indigenous Pregnant and Lactating Women in Rural Panama.”

124. **Rosemary Green**, London School of Hygiene and Tropical Medicine. “Environmental Impacts of Typical Dietary Patterns in India.”

125. **Sara Hanson**, Emory University. “Stunting at 24 Months and Incidence of Overweight and Obesity from Childhood to Young-adulthood in an Urban South African Birth Cohort.”

126. **Sheela Sinharoy**, Emory University. “Impact of Community Health Clubs on Diarrhea and Anthropometry in Western Rwanda: Cluster-Randomized Controlled Trial.”


Medical Nutrition Council

128. **Junrui Cheng**, Tufts University Friedman School of Nutrition Science and Policy. “Ablation of systemic SIRT1 activity promotes nonalcoholic fatty liver disease by affecting liver-mesenteric adipose tissue fatty acid mobilization.”

129. **Ashkan Hashemi**, University of Toronto. “Assessing the maternal transfer of Lactobacilli to the intestine of CD-1 murine fetuses.”

130. **Jennifer Kaczmarek**, University of Illinois at Urbana-Champaign. “Broccoli Consumption Impacts the Human Gastrointestinal Microbiota.”


133. **Daniel West**, University of Toronto. “Whey Protein Supplementation Enhances Whole Body Protein Metabolism and Recovery of Performance after Resistance Exercise: A Double-blind Crossover Study.”

**Nutrition Education & Behavioral Sciences RIS**

134. **Laura Adam**, University of Alberta. “Sense of Weight Control Prior to Pregnancy Could Help Predict Women at Risk for Excessive Gestational Weight Gain.”

135. **Alexandra Cowan**, Fairfield University. “More to Gain: Diet Energy Density is Associated with Smoking Status in US Adults.”


137. **Deborah Fetter**, University of California, Davis. “Impact of Healthy Choices in Motion on Physical Activity Knowledge.”


139. **Gabriella McLoughlin**, University of Illinois at Urbana Champaign. “School Lunch and Physical Activity During Recess: Interactive Effects of Health Behaviors in the School Setting.”


142. **Sarah Stotz**, University of Georgia. “Expectations and Recommendations from Low-Income Adults Regarding an eLearning Nutrition Education Program Prior to Program Use.”

**Nutrient-Gene Interactions RIS**


145. **Silvia Berciano**, JM-USDA-HNRCA at Tufts Univ. “Behavior related genes, dietary preferences and anthropometric traits.”

146. **Krittikan Chanpaisaeng**, Purdue University. “Femoral and L5 Spine Trabecular Bone are Differentially Influenced by Dietary Calcium Restriction and Genetics in Growing Mice.”

147. **Wei Guo**, University of North Carolina Greensboro. “Regulation of Endogenous Dusp4 by Agonist-Specific MAPK Activation in Adipocytes.”

148. **GURDEEP MARWARHA**, University of North Dakota. “Prenatal exposure to a maternal LP diet decreases BDNF expression in the brains of the neonatal offspring.”

149. **Riva Sorkin**, University of Toronto. “Genetic variation in the AMY1 gene is associated with dietary carbohydrate and starch intake in a young adult population.”

**Nutritional Epidemiology RIS**
150. Hassan Dashti, Massachusetts General Hospital. “Email administered web-based dietary assessment from the UK Biobank captures chronotype-specific reporting behaviors: implications for population-based dietary sampling.”

151. Anna Grummon, University of North Carolina, Chapel Hill. “Nutritional Profile of Supplemental Nutrition Assistance Program Household Food and Beverage Purchases.”


156. Jaime Moore, Children’s Hospital Colorado/Barbara Davis Center for Childhood Diabetes. “The Role of Dietary Factors in Accumulation of Pericardial Adipose Tissue Volume in the Coronary Artery Calcification in Type 1 Diabetes Study.”

157. Melanie Mott, Boston University School of Medicine. “DIETARY CHOLESTEROL LOWERS RISK OF TYPE 2 DIABETES IN THE FRAMINGHAM OFFSPRING STUDY.”

158. Melanie Mott, Boston University School of Medicine. “PROTEIN INTAKE IS ASSOCIATED WITH LOWER BODY FAT AND HIGHER SKELETAL MUSCLE MASS IN LATE ADOLESCENCE.”

159. Samantha Rettig, Cornell University. “Dietary Patterns and Lung Function: Assessment of the Alternative Health Eating Index-2010 (AHEI-2010) and Rate of Change in Forced Expiratory Volume in the First Second (FEV1).”


**Nutritional Immunology and Inflammation RIS**

163. Fernanda Batistel, University of Illinois. “Enhancing methionine supply alleviates inflammation and oxidative stress and improves liver function during the peripartum period in dairy cows.”

164. Ryan Calvert, Purdue University. “Myeloid Derived Suppressor Cells (MDSC) Are Vitamin D Targets and 1α, 25 Dihydroxyvitamin D (1,25(OH)2D) Inhibits their Ability to Suppress T Cell Function.”

165. William Green, University of North Carolina at Chapel Hill. “Altered Metabolism and Function of T Cells Isolated from Influenza Vaccinated Obese Adults.”

166. Ga-Hyun Joe, Hokkaido University. “Ingestion of Megalo-type Isomaltooligosaccharides Ameliorates Lipopolysaccharide-induced Acute Liver Injury in Rats.”

167. Sabrina Martinez, Florida International University. “Higher Leptin Levels are Associated with Obesity and Slower HIV Disease Progression.”

168. Jennifer Rebeles, UNC Chapel Hill. “Obesity Resets the Metabolic Profile of T Cells, Resulting in Reduced Memory T Cell Responses to Influenza Infection.”


**Nutrition Translation from Bench to Consumer RIS**


**Neurobiology**

172. **Olga Davidenko**, Université Paris-Saclay. “Modulation of Protein Status in Humans Leads to Preference for Increased Portions.”

173. **Caitlyn Edwards**, University of Illinois at Urbana Champaign. “Domain-specific relationships between cognitive control and disordered eating attitudes.”

174. **Jackson Evensen**, University of Illinois at Urbana Champaign. “Relationship between whole grain consumption and selective attention.”

175. **Ezra Mutai**, University of Nebraska-Lincoln. “Depletion of Dietary Bovine Milk Exosomes Impairs Sensorimotor Gating and Spatial Learning in C57BL/6 Mice.”

176. **Courtney Schuchmann**, Rush University Medical Center. “Impact of a Modified Ketogenic Diet on Seizure Activity, Biochemical Markers, Anthropometrics and Gastrointestinal Symptoms in Adults with Epilepsy.”

177. **Kelly Sheppard**, The Research Institute at Nationwide Children's Hospital. “The Omega-6 to Omega-3 Fatty Acid Ratio Predicts Brain Activity During Planning Tasks in Middle Childhood.”


**Obesity RIS**

179. **Celeste Alexander**, University of Illinois at Urbana-Champaign. “Effects of prebiotic inulin-type fructans on blood metabolite and hormone concentrations and fecal microbiota and bile acids in overweight dogs.”

180. **Joseph Beals**, University of Illinois at Champaign-Urbana. “Protein-dense Whole Food Ingestion Augments Postprandial Mitochondrial Protein Synthesis in Healthy-weight, Overweight, and Obese Young Adults.”

181. **Stephanie Clookey**, University of Missouri. “UCP1-Null Mice Display Increased Susceptibility to Ovariectomy-Associated Metabolic Dysfunction.”

182. **Jessica Deis**, University of Minnesota. “Lipocalin-2 Is Required for Retinoic Acid-Induced Beiging of White Adipocytes and Insulin-Stimulated Plasma Membrane Localization of RAR-\(\alpha\).”

183. **Qing Guo**, Ryerson University. “Effect of Mid-morning Snacks on Subjective Appetite, Food intake, and Glucose and Insulin Responses in Healthy Men and Women.”


186. **Chanaka Kahathuduwa**, Texas Tech University. “Primary Motor Cortex Mediates the Association between Body Mass Index and Reaction Times to Visual Food-cues in Subjects with Obesity: An fMRI Food-cue Reactivity Study.”

187. **Tzu-Wen Liu**, University of Illinois at Urbana-Champaign. “Diet Differentially Impacts Gastrointestinal Integrity, Fecal \(\beta\)-glucuronidase Activity, and Longitudinal Fecal Microbial Communities of C57BL/6J Mice in Response to Ovariectomy-Induced Obesity.”
188. **Lucy Mailing**, University of Illinois at Urbana-Champaign. “Effects of a 6 Week Aerobic Exercise Intervention on Gut Bacterial Metabolites in Lean and Obese Adults.”


190. **Diana Obanda**, LSU AgCenter. “Obese prone CD rats robustly ferment resistant starch (RS) with no increased weight and fat accretion.”


193. **Sarah Skinner**, 831323675. “Elevated Muscle Inflammatory Response After Protein-Dense Food Ingestion in Obese Adults.”

194. **Laura Hackl**, ETH Zürich. “A novel, high precision multiple-meal stable isotope method to compare iron absorption from extruded FePP-fortified rice containing different zinc compounds, citric acid/trisodium citrate and EDTA in Ghanaian children.”

195. **Samantha Jones**, Iowa State University. “Whole Egg Consumption as a Dietary Prevention and Treatment Intervention Increases Serum 25-hydroxyvitamin D Concentrations in Rats with DSS-Induced Colitis.”


198. **Leila Larson**, Emory University. “Home fortification with multiple micronutrient powders improves infant and young child development in Bihar, India.”

199. **Chan Yoon Park**, Seoul National University. “Effect of vitamin D intake levels on vitamin D metabolism in high fat diet-induced obese mice compared to the control.”

200. **Cassondra Saande**, Iowa State University. “Vitamin D Derived from Dietary Whole Egg is more Effective than Supplemental Vitamin D₃ in Maintaining Vitamin D Balance in Type 2 Diabetic Rats.”

201. **Elizabeth Stremke**, Purdue University. “Twenty-Four-Hour Urine Phosphorus is Highly Variable in Patients with Moderate Chronic Kidney Disease on a Controlled Phosphorus Intake.”

202. **Ying Xiao**, Regenerative Medicine Research Center, West China Hospital, Sichuan University. “Deactivation of Fibroblasts and Reduction of Fibrosis by Target-Specific Copper Supplementation in Rhesus Monkey Model of Myocardial Ischemic Infarction.”


204. **Allison Morris**, West Virginia University. “eb4CAST: Application of a Novel Forecasting and Footprinting Dissemination Framework to a Community Based Childhood Obesity Prevention Program.”


**Withdrawals**
- **Andrew Kennedy**, London School of Hygiene & Tropical Medicine. “*Homestead Food Production and Child Anemia in Burkina Faso: The Mediating Roles of Mother’s Knowledge and Production of Micronutrient-Rich Fruits and Vegetables.*”
- **Hyunjin Kim**, Kyungpook National University. “*Chlorogenic Acid Ameliorates Alcoholic Liver Disease through MiRNA-mediated Restoration of Mitochondrial Redox System.*”
- **Min Kyung Park**, Warren Alpert Medical School of Brown University. “*Prospective Evaluation of Fat Intake and Risk of Skin Cancer.*”
- **Joachim Sackey**, Friedman School of Nutrition Science and Policy, Tufts University. “*Receiving care in an HIV clinic designated to offer nutrition assessment counseling and support -- Impact on depression and health-related quality of life among people living with HIV in Accra, Ghana.*”
- **Christopher Villa**, University of Toronto. “*Low Dietary Vitamin D since Pre-mating does not Modify Fecal Bacteroides Counts of Mouse Dams at the End of Pregnancy.*"
<table>
<thead>
<tr>
<th>Event颂</th>
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<tr>
<td><strong>Business Meeting and Lunch</strong></td>
<td>Monday, April 24 from 1:00 to 2:30 PM in S105A</td>
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<tr>
<td><strong>Medical Nutrition Council</strong></td>
<td><strong>Medical Nutrition Council Business Meeting and Lunch</strong>&lt;br&gt;Monday, April 24 from 12:30 – 2:30 PM in S105BCD</td>
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<tr>
<td><strong>Nutrition Education and Behavioral Science RIS</strong></td>
<td><strong>Joint Forum: Nutrition Education and Behavioral Sciences RIS and Community and Public Health Nutrition RIS Networking Event</strong>&lt;br&gt; Sunday, April 23 from 4:30 – 6:30 PM in S105BCD</td>
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<tr>
<td><strong>Nutrient-Gene Interaction RIS</strong></td>
<td><strong>Nutrient-Gene Interactions RIS Business Meeting</strong>&lt;br&gt;Tuesday, April 25 from 9:00 – 10:30 AM in S106</td>
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<tr>
<td><strong>Nutritional Epidemiology RIS</strong></td>
<td><strong>Nutritional Epidemiology Business Meeting and Mentoring Forum</strong>&lt;br&gt;Sunday, April 23 from 8:30 – 10:00 AM in S106</td>
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<tr>
<td><strong>Nutritional Immunology and Inflammation RIS</strong></td>
<td><strong>Nutritional Immunology and Inflammation RIS Forum</strong>&lt;br&gt;Monday, April 24 from 1:00 – 2:30 PM in S103A</td>
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<tr>
<td><strong>Nutrition Translation RIS</strong></td>
<td><strong>Nutrition Translation RIS Business Meeting and Hot Topic</strong>&lt;br&gt;Sunday, April 23 from 1:00 – 2:30 PM in S105A</td>
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<tr>
<td><strong>Neurobiology</strong></td>
<td><strong>Nutrition Translation RIS Business Meeting and Hot Topic</strong>&lt;br&gt;Sunday, April 23 from 1:00 – 2:30 PM in S105A</td>
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<tr>
<td><strong>Obesity RIS</strong></td>
<td><strong>Obesity RIS Forum: How Much Evidence Should be Demonstrated before Enacting Obesity-targeted Health Policy?</strong>&lt;br&gt;Sunday, April 23 from 10:45 AM – 12:15 PM in S106</td>
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<tr>
<td><strong>Vitamin and Minerals RIS</strong></td>
<td><strong>Vitamin and Minerals RIS Forum</strong>&lt;br&gt;Monday, April 24 from 7:00 – 8:30 AM in S103A</td>
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<tr>
<td><strong>Policy</strong></td>
<td><strong>Hot Topics and Innovation in Public Policy Research Oral Session</strong>&lt;br&gt;Monday, April 24 from 10:30 AM – 12:30 PM in S104B</td>
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