

CURRICULUM VITAE SUMMARY

Wayne W. Campbell, PhD, Professor of Nutrition Science, Purdue University

National Leadership

- Member of the U.S. federal government 2018 Physical Activity Guidelines Advisory Committee and the 2015 Dietary Guidelines Advisory Committee. One of only three scientists to have served on both a PAGAC and a DGAC.
- Invited panelist for 17 scientific review committees of five federal agencies: National Institutes of Health; U.S. Department of Agriculture; National Aeronautics and Space Administration; Federal Aviation Administration; U.S. Army Research Institute of Environmental Medicine.
- Editorial board member for four journals: Nutrition Reviews, Nutrition Research, American College of Sports Medicine's Health & Fitness Journal, and the Journal of Strength & Conditioning Research.

Administration Leadership and Service

- Director of the Indiana Clinical Research Center and Bionutrition Services Core at Purdue University (2008-2015), which are components of the NIH-supported Indiana Clinical and Translational Sciences Institute, Indiana University School of Medicine, Indianapolis, IN.
- Service on three National Institutes of Health Clinical Research Center Advisory Boards (Purdue, University of Arkansas for Medical Sciences, and Penn State).
- Long-standing service to the American Society for Nutrition, including leadership as Chair of the Energy and Macronutrient Metabolism Research Interest Section, and service on advocacy and science policy, scientific programming, symposia advisory, and membership committees.
- Founding member of the Ingestive Behavior Research Center (IBRC), Purdue University.
- Chair of department and college-level faculty affairs committees; member of Purdue University Senate; Member of Purdue Human Research Institutional Review Board (IRB); Chair/member of 16 university/college/department-level search and screen committees and numerous other university-level (administrator review, curriculum, research advisory & grievance) and college-level (promotion, tenure, & honorary awards) committees.

Research

- 35-year career conducting research integrating nutrition and exercise to promote health and successful aging among adults. Current important topics of interest include assessing the effects of healthy eating patterns, protein-rich foods, dietary energy restriction, and physical activity on cardiometabolic disease risk factors, body composition, and emerging topics (e.g. gut microbiota and nutrimentalomics). In addition, determining dietary protein needs and the metabolic and physiological responses to varied protein intakes and sources of adults.
- As of March 16, 2022, 191 published peer-reviewed manuscripts, reviews, and book chapters; 18010 total **Google Scholar citations** (7882 since 2017); h-index = 73 (49 since 2017); i10-index = 158 (126 since 2017). **Scopus metrics:** 204 documents, 9534 citations, h-index: 55
- As of March 16, 2022, external grant awards total \$30,740,944, including \$17,780,942 as principal investigator, co-principal investigator, or co-investigator responsible for funding management.
- 156 scientific presentations: 79 national and international invited symposia/seminars, 40 university-based seminars and 37 community talks.

Student Mentoring and Teaching

- Mentor/Major Professor to 8 post-doctoral scientists and 75 students: 22 PhD, 5 Masters, 24 undergraduate honors, and 24 research interns and independent study students.
- Developed two courses in applied nutrition, including Geriatric Nutrition (taught 7 years) and Current Topics in Nutrition, Fitness, and Health (taught 22 years; a capstone course for Nutrition, Fitness and Health majors), along with numerous other health, research, and presentation skills classes/lectures.
- Co-developer of multiple graduate research special topics courses (e.g. nutrition and sleep quality; neurological control of appetite) and research seminar courses in Ingestive Behavior.

CURRICULUM VITAE

Wayne Winfield Campbell, Ph.D.
Department of Nutrition Science
Purdue University
West Lafayette, Indiana

Work address: Department of Nutrition Science, Stone Hall Room 203, 700 West State Street, West Lafayette, IN 47907-1264. phone (765) 494-8236, fax (765) 494-0674, e-mail campbellw@purdue.edu

Academic Degrees and Training:

- 1993-1997 **Post-doctorate**, Nutrition and Exercise Physiology, Noll Physiological Research Center, The Pennsylvania State University, University Park, PA.
1987-1993 **Doctor of Philosophy**, Nutritional Sciences, Tufts University, Boston, MA.
1984-1987 **Master of Science**, Nutritional Sciences, University of Maryland, College Park, MD.
1980-1984 **Bachelor of Science (Cum Laude)**, Nutritional Sciences (major) and Chemistry (minor), University of Delaware, Newark, DE.

Professional Experience:

- 2007-present **Professor**, Dept. Nutrition Science, Purdue University, West Lafayette, IN.
2003-2007 **Associate Professor**, Dept. Foods and Nutrition, Purdue University, West Lafayette, IN.
2000-2003 **Assistant Professor**, Dept. Foods and Nutrition, Purdue University, West Lafayette, IN.
1997-2000 **Assistant Professor**, The Donald W. Reynolds Department of Geriatrics, College of Medicine, University of Arkansas for Medical Sciences, Little Rock, AR.
1997-2000 **Assistant Professor**, Department of Dietetics and Nutrition, College of Health Related Professions, University of Arkansas for Medical Sciences, Little Rock, AR.
1998-2000 **Graduate School Faculty member**, University of Arkansas for Medical Sciences, Little Rock, AR.
1993-1997 **Research Associate**, Noll Physiological Research Center, The Pennsylvania State University, University Park, PA.
1997-1998 **Faculty member**, Graduate Program in Nutrition, College of Health and Human Development, The Pennsylvania State University, University Park, PA.
1995-1997 **Adjunct Faculty member**, Department of Kinesiology, College of Health and Human Development, The Pennsylvania State University, University Park, PA.
1987-1993 **Graduate Research Assistant**, Human Physiology Laboratory, USDA Human Nutrition Research Center on Aging at Tufts University, Boston, MA.
1985-1987 **Graduate Research Assistant**, Vitamin and Mineral Laboratory, USDA Human Nutrition Research Center, Beltsville, MD.

Professional Honors:

- 2020 Outstanding Graduate Faculty Mentor Award, College of Health and Human Sciences, Purdue University
2018 Pfizer Consumer Healthcare Nutritional Sciences Award, American Society for Nutrition Foundation, National Scientific Achievement Award for senior investigators.
2016 Research Excellence Award, Center on Aging and the Life Course, Purdue University
2012 Career Research Achievement Award, College of Health and Human Sciences, Purdue University
2008-2013 Purdue University Faculty Scholar
2009 Undergraduate Honors Mentor Award (inaugural recipient), College of Consumer and Family Sciences, Purdue University.
2005, 2007 Seed for Success ("Acorn") Award, Purdue University, for research grantsmanship.
2000 University of Delaware, Presidential Citation for Outstanding Achievement.

- 1996 First Independent Research Support and Transition (FIRST) Award recipient, awarded by the National Institutes of Health, Bethesda, MD.
- 1992 Kraft General Foods Predoctoral Fellowship recipient, awarded in conjunction with the 1992 FASEB Conference, Anaheim, CA.
- 1992 American Institute of Nutrition/Procter and Gamble Graduate Student Research Awards Competition winner, held in conjunction with the 1992 FASEB Conference, Anaheim, CA.
- 1987-1991 USDA Fellowship in Nutrition Sciences, Jean Meyer USDA Human Nutrition Research Center on Aging at Tufts University, Boston, MA.
- 1980-1984 Graduated Cum Laude from the University of Delaware. Selected for Dean's list four semesters.
- 1980 John Bodnarik memorial award for outstanding school citizenship, Pennsbury High School, Fairless Hills, PA.

Professional Affiliations:

- 2006-present Member and Fellow of The Obesity Society.
- 1994-present Member of the American Society for Nutrition (formerly the American Institute of Nutrition and the American Society for Clinical Nutrition).
- 1994-2012, 2019 Member of the American College of Sports Medicine.

Professional Activities:

National Research Panels

- 2021 Review panelist for NIH, Special Emphasis Panel/Scientific Review Group 2021/10 ZRG1 EMNR-H (55) R. Nutrition for Precision Health Metabolomics and Clinical Assay Center applications. July 13, 2021.
- 2020 Review panelist for NIH, NCI Program Project (P01) Review III [2020/05 ZCA1 SRB-5 (M1) P], February 6-7, 2020.
- 2018 Review panelist for the NIH "Integrated Metabolic Topics" [ZRG1-EMNR-B(02)M] Study Section, November 2, 2018.
- 2016-2018 Member of the 2018 Physical Activity Guidelines Advisory Committee, United States Department of Health and Human Services.
- 2016-2017 Member of the Advisor Council on Nutrition and Healthy Food Choices, Foundation for Food and Agriculture Research (foundationfar.org).
- 2013-2015 Member of the 2015 Dietary Guidelines Advisory Committee, United States Departments of Health and Human Services and Agriculture.
- 2014 Peer review panelist for the USDA Office of Scientific Quality Review (OSQR); National Program (NP) 107 Human Nutrition Panel 9: Epidemiology (2014).
- 2011 Review panelist for Special Emphasis Panel/Scientific Review Group 2011/105 EMNR-P (02) M meeting, February 22-23, 2011.
- 2010 Review panelist for Special Emphasis Panel/Scientific Review Group 2010/10 ZRG1 BDA-M (02) M meeting, June 24, 2010.
- 2010 Review panelist for Special Emphasis Panel/Scientific Review Group 2010/05 ZRG1 BDA-A (02) M meeting, March 23, 2010.
- 2009 Review panelist for NIH RFA OD-09003 challenge Grants Panel 15, 2009/10 ZRG1 EMNR-C (58) R. June 5, 2009.
- 2009 Review panelist for NIH Special Emphasis Panel/Scientific Review Group for Interventions to remediate age-related cognitive decline, ZAG1 ZIJ-5 (M1), February 19, 2009.
- 2008 Review panelist for the Neurological, Aging, and Musculoskeletal Epidemiology Study Section, National Institutes of Health, October 6-7, 2008.
- 2008 Review panelist for the National Aeronautics and Space Administration (NASA) and National Space Biomedical Research Institute (NSBRI), Research and Technology Development to Support Crew Health and Performance in Space Exploration Missions, Muscle/Exercise Panel. Washington, DC, January 24, 2008.

- 2006 Review panelist for the U.S. Army Research Institute of Environmental Medicine (USARIEM) research program on biophysics and Biomedical Modeling, November 13-14, 2006.
- 2005 Member of the National Institutes of Health, National Institute of Diabetes & Digestive & Kidney Diseases, Special Emphasis Panel for Clinical Nutrition Research Units, ZDK1 GRB-1 (M2), March 9-11, 2005.
- 2004 Review panelist for the National Aeronautics and Space Administration (NASA) Human Health in Space Exercise Physiology Program [Biomedical Model Systems Program, Biomedical Research and Countermeasures Program, and National Space Biomedical Research Institute], Washington, DC. December 2, 2004.
- 2003 Review panelist for the Office of Scientific Quality Review, Nutrition Program, Agricultural Research Service, United States Department of Agriculture, Beltsville, MD. October, 2003.
- 2003 Speaker and panelist for the Federal Aviation Administration, Civil Aerospace Medical Institute workplace urine specimen validity testing colloquium. February 4-6, 2003, Saddlebrook Resort, Tampa, FL.
- 2000 Member of the National Institutes of Health Center for Scientific Review Special Emphasis Panel (ZRG1 NMS 01 B), Bethesda, MD. March 27-28, 2000.

NIH Clinical Research Center Activities

Advisory Boards

- 2008-2015 Member of the Indiana Clinical Research Center Advisory Committee, Indiana University School of Medicine, Indianapolis, IN.
- 1999-2000 Member of the GCRC Advisory Committee, The University of Arkansas for Medical Sciences, Little Rock, AR.
- 1995-1997 Member of the GCRC Advisory Committee, The Pennsylvania State University, University Park, PA.

Research Leadership

- 2008-2015 Director of the Indiana Clinical Research Center at Purdue University, that is a component of the NIH-supported Indiana Clinical and Translational Sciences Institute, Indiana University School of Medicine, Indianapolis, IN.
- 2008-2015 Director of the Indiana Clinical Research Center Bionutrition Core.
- 1999-2000 Director of the GCRC Body Composition Core Laboratory, The University of Arkansas for Medical Sciences, Little Rock, AR.

Journal Editorial Boards

- 2017-2021 Member of Board of Review Editors: Nutrition Research.
- 2006-2018 Contributing Editor: Nutrition Reviews.
- 1996-2000 Editorial Board member: American College of Sports Medicine's Health and Fitness Journal.
- 1995-1997 Editorial Board member: Journal of Strength and Conditioning Research.

Professional Society Committee Assignments

- 2018-2021 Member, American Society for Nutrition Committee on Advocacy and Science Policy.
- 2015-2017 Member, American Society for Nutrition Scientific Program Committee.
- 2007-2008 Member, American Society for Nutrition Symposia Advisory Committee.
- 2006-2009 Chair-elect, Chair, and Past-Chair, Energy and Macronutrient Metabolism Research Interest Section, American Society of Nutrition.
- 2006-2007 Member of the American Society of Nutrition Membership Committee.
- 2006 Member of the American Society of Nutrition, Energy and Macronutrient Research Interest Section, 2006 Student Abstract Competition Committee.
- 2005-2006 Member of the American Society of Nutrition, Energy and Macronutrient Research Interest Section, Steering Committee.
- 2002-2005 Member of the ASNS/ASCN/SINR Membership Committee.

- 2002-2003 Member of the American Society for Clinical Nutrition 2003 Annual Meeting Planning Committee.
1995-1996 Member-at-Large of the Executive Committee, Mid-Atlantic Regional Chapter of the American College of Sports Medicine
1996 Chairman, Research Committee, Mid-Atlantic Regional Chapter of the American College of Sports Medicine.

Other Activities

- 8/2017-present. Member of a Data and Safety Monitoring Board (DSMB) for protocol titled, "Phase 1 studies to evaluate the safety, tolerability, and pharmacokinetics of β -nicotinamide mononucleotide, a nutraceutical, in healthy young men. Principal Investigator: Shalender Bhasin, MB, BS, Professor of Medicine, Harvard Medical School.
- 6/2014-2018. Member of the NIH Data and Safety Monitoring Board (DSMB) for protocol 4R44 AG034722: Nutritional intervention for age-related muscular function and strength losses Phase II: Study 2 a placebo-controlled, double-blind study of the effects of HMB and vitamin D in elderly men and women.
- 4/4/16 Co-chair and speaker, American Society for Nutrition symposium on 'Red and processed meats and health: controversies for dietary guidance.' 2016 Experimental Biology meeting, San Diego, CA.
- 4/28/14 Co-chair and speaker, American Society for Nutrition symposium on 'Optimizing protein quantity and distribution to improve health outcomes.' 2014 Experimental Biology meeting, San Diego, CA.
- 8/2/13 Science Consultant, American Federation for Aging Research (AFAR) and International Life Sciences Institute (ILSI), Working Group on Optimal Protein Intake for Older Adults, Washington, DC.
- 2013 Guest editor, Nutrition Today special issue: Hydration and Health – 4th hydration for health scientific conference proceedings. July/Aug 2013, 48 (Suppl. 4): S1-S42.
- 9/2012 Member, Planning Committee, 2013 Protein Summit 2, Organizational meeting, Rosemont, IL, 9/27/2012.
- 2012 Co-chair and speaker, American Society for Nutrition Symposium, *Macronutrients as tools to counter age-related changes in skeletal muscle*. Experimental Biology 2012, San Diego, CA, April 20-25, 2012.
- 2009 Co-chair, American Society for Nutrition Symposium, *Eating patterns and energy balance: A look at eating frequency, snacking, and breakfast omission*. Experimental Biology 2008, New Orleans, LA, April 18-22, 2009.
- 2000 Member of the planning committee for the 11th International Conference on the Biochemistry of Exercise: Molecular Aspects of Physical Activity and Aging, June 4-7, 2000, Little Rock, AR.

Research and Scholarship:

Prof. Campbell's research program at Purdue University is dedicated to evaluating and understanding how nutrition and exercise can be used as effective tools to positively affect the metabolism, health and functional well-being of people as they progress through the life course. His current research primarily focuses on:

- 1) Assessing the effects healthy eating patterns and protein-rich foods on cardiometabolic disease risk factors and indices of well-being, including microbiota and perceived wellbeing.
- 2) Dietary protein source, quantity, and patterning on body composition responses to anabolic and catabolic stimuli (exercise training and dietary energy restriction, respectively);
- 3) Dietary protein needs of older adults

Publications:

As of June 8, 2022, 192 published peer-reviewed manuscripts, reviews, and book chapters; 18559 total **Google Scholar citations** (8372 since 2017); h-index = 75 (50 since 2017); i10-index = 159 (128 since 2017). **Scopus metrics:** 205 documents, 9800 citations, h-index: 57

Complete List of Published Work in MyBibliography:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/wayne.campbell.1/bibliography/47694380/public/?sort=date&direction=ascending>

Original Research

162. Wright CS, Hill ER, Reyes Fernandez PC, Thompson WR, Gallant MA, **Campbell WW**, Main RP. Effects of dietary protein source and quantity on bone morphology and body composition following a high-protein weight-loss diet in a rat model for postmenopausal obesity. *Nutrients*. 2022; 14(11):2262. PMID 3568464, impact factor 5.429.
161. Wang Y, Hill ER, **Campbell WW**, O'Connor LE. Plant- and animal-based protein-rich foods and cardiovascular health. *Curr Atheroscler Rep*. 2022 Apr;24(4):197-213, Published online: 25 March 2022. PMID 35332443, impact factor 5.113
160. Bergia RE, Giacco R, Hjorth T, Biskup I, Zhu W, Costabile G, Vitale M, **Campbell WW**, Landberg R, Riccardi G. Differential Glycemic Effects of Low- versus High-Glycemic Index Mediterranean-Style Eating Patterns in Adults at Risk for Type 2 Diabetes: The MEDGI-Carb Randomized Controlled Trial. *Nutrients*. 2022 Feb 8;14(3):706. PMID: 35277067, impact factor 5.429
159. Krishnan S, O'Connor LE, Wang Y, Gertz ER, **Campbell WW**, Bennett BJ. Adopting a Mediterranean-style eating pattern with low, but not moderate, unprocessed, lean red meat intake reduces fasting serum trimethylamine N-oxide (TMAO) in adults who are overweight or obese. *Br J Nutr*. 2021 Nov 26:1-21. PMID: 34823615, impact factor 3.718
158. Jun S, Cowan AE, Dwyer JT, **Campbell WW**, Thalacker-Mercer AE, Gahche JJ, Bailey RL. Dietary Protein Intake Is Positively Associated with Appendicular Lean Mass and Handgrip Strength among Middle-Aged US Adults. *J Nutr*. 2021 Dec 3;151(12):3755-3763. PMID: 34494110, impact factor 4.798
157. Sutliff AK, Saint-Cyr M, Hendricks AE, Chen SS, Doenges KA, Quinn K, Westcott J, Tang M, Borengasser SJ, Reisdorph RM, **Campbell WW**, Krebs NF, Reisdorph NA. Lipidomics-Based Comparison of Molecular Compositions of Green, Yellow, and Red Bell Peppers. *Metabolites*. 2021 Apr 14;11(4):241. PMID: 33919953, impact factor 4.754
156. Hudson JL, Zhou J, **Campbell WW**. Adults Who Are Overweight or Obese and Consuming an Energy-Restricted Healthy US-Style Eating Pattern at Either the Recommended or a Higher Protein Quantity Perceive a Shift from "Poor" to "Good" Sleep: A Randomized Controlled Trial. *J Nutr*. 2020 Dec 10;150(12):3216-3223. PMID: 33096550, impact factor 4.281
155. Bergia RE, **Campbell WW**, Roseguini BT, Kim JE. A high-protein meal does not improve blood pressure or vasoactive biomarker responses to acute exercise in humans. *Nutr Res*. 2020 Sep;81:97-107. PMID: 32949918, impact factor 2.770.154. Byers AW, Connolly G, **Campbell WW**. Vitamin D status and supplementation impacts on skeletal muscle function: comparisons between young athletes and older adults. *Curr Opin Clin Nutr Metab Care*. 2020 Nov;23(6):421-427. PMID: 32925179, impact factor 3.775.
153. O'Connor LE, Kim JE, Clark CM, Zhu W, **Campbell WW**. Effects of Total Red Meat Intake on Glycemic Control and Inflammatory Biomarkers: A Meta-Analysis of Randomized Controlled Trials. *Adv Nutr*. 2021 Feb 1;12(1):115-127. PMID: 32910818, impact factor 7.240.
152. Bergia RE 3rd, Biskup I, Giacco R, Costabile G, Gray S, Wright A, Vitale M, **Campbell WW**, Landberg R, Riccardi G. The MEDGICarb-Study: Design of a multi-center randomized controlled trial to determine the differential health-promoting effects of low- and high-glycemic index Mediterranean-style eating patterns. *Contemp Clin Trials Commun*. 2020 Aug 13;19:100640. PMID: 32885091.
151. Hudson JL, Iii REB, **Campbell WW**. Protein Distribution and Muscle-Related Outcomes: Does the Evidence Support the Concept? *Nutrients*. 2020 May 16;12(5):1441. doi: 10.3390/nu12051441. PMID: 32429355, impact factor 4.171.
150. Hudson JL, Zhou J, Kim JE, **Campbell WW**. Incorporating Milk Protein Isolate into an Energy-Restricted Western-Style Eating Pattern Augments Improvements in Blood Pressure and Triglycerides, but Not Body Composition Changes in Adults Classified as Overweight or Obese: A Randomized Controlled Trial. *Nutrients*. 2020 Mar 22;12(3):851. doi: 10.3390/nu12030851. PMID: 32235773, impact factor 4.171.
149. Dickerson F, Gennusa JV 3rd, Stallings C, Origoni A, Katsafanas E, Sweeney K, **Campbell WW**, Yolken R. Protein intake is associated with cognitive functioning in individuals with psychiatric disorders. *Psychiatry Res*. 2020 Feb;284:112700. doi: 10.1016/j.psychres.2019.112700. Epub 2019 Nov 22. PMID: 31791705, impact factor 2.682

148. Reisdorph NA, Hendricks AE, Tang M, Doenges KA, Reisdorph RM, Tooker BC, Quinn K, Borengasser SJ, Nkrumah-Elie Y, Frank DN, **Campbell WW**, Krebs NF. Nutrimetabolomics reveals food-specific compounds in urine of adults consuming a DASH-style diet. *Sci Rep.* 2020 Jan 24;10(1):1157. doi: 10.1038/s41598-020-57979-8. PMID: 31980691, impact factor 4.122
147. Hudson JL, Wang Y, Bergia RE III, **Campbell WW**. Protein intake greater than the RDA differentially influences whole-body lean-mas responses to purposeful catabolic and anabolic stressors: a systematic review and meta-analysis. *Adv Nutr.* 2020 May 1;11(3):548-558. doi: 10.1093/advances/nmz106. PMID: 31794597, impact factor 7.24
146. O'Connor LE, Gifford CL, Woerner DR, Sharp JL, Belk KE, **Campbell WW**. Dietary Meat Categories and Descriptions in Chronic Disease Research Are Substantively Different within and between Experimental and Observational Studies: A Systematic Review and Landscape Analysis. *Adv Nutr.* 2020 Jan 1;11(1):41-51. doi: 10.1093/advances/nmz072. Erratum in: *Adv Nutr.* 2020 Jan 1;11(1):180. PMID: 31408089, impact factor 7.24
145. Wright CS, Li J, **Campbell WW**. Effects of Dietary Protein Quantity on Bone Quantity following Weight Loss: A Systematic Review and Meta-analysis. *Adv Nutr.* 2019 Nov 1;10(6):1089-1107. doi: 10.1093/advances/nmz058. PMID: 31301138, impact factor 7.24
144. Athinarayanan SJ, Adams RN, Hallberg SJ, McKenzie AL, Bhanpuri NH, **Campbell WW**, Volek JS, Phinney SD, McCarter JP. Long-Term Effects of a Novel Continuous Remote Care Intervention Including Nutritional Ketosis for the Management of Type 2 Diabetes: A 2-Year Non-randomized Clinical Trial. *Front Endocrinol (Lausanne).* 2019 Jun 5;10:348. doi: 10.3389/fendo.2019.00348. eCollection 2019. PMID:31231311, impact factor 3.634
143. Pescatello LS, Buchner DM, Jakicic JM, Powell KE, Kraus WE, Bloodgood B, **Campbell WW**, Dietz S, Dipietro L, George SM, Macko RF, McTiernan A, Pate RR, Piercy KL.; 2018 PHYSICAL ACTIVITY GUIDELINES ADVISORY COMMITTEE*. Physical Activity to Prevent and Treat Hypertension: A Systematic Review. *Med Sci Sports Exerc.* 2019 Jun;51(6):1314-1323. doi: 10.1249/MSS.0000000000001943. PMID: 31095088, impact factor 4.291
142. Dipietro L, **Campbell WW**, Buchner DM, Erickson KI, Powell KE, Bloodgood B, Hughes T, Day KR, Piercy KL, Vaux-Bjerke A, Olson RD; 2018 PHYSICAL ACTIVITY GUIDELINES ADVISORY COMMITTEE*. Physical Activity, Injurious Falls, and Physical Function in Aging: An Umbrella Review. *Med Sci Sports Exerc.* 2019 Jun;51(6):1303-1313. doi: 10.1249/MSS.0000000000001942. PMID: 31095087, impact factor 4.291
141. Kraus WE, Powell KE, Haskell WL, Janz KF, **Campbell WW**, Jakicic JM, Troiano RP, Sprow K, Torres A, Piercy KL; 2018 PHYSICAL ACTIVITY GUIDELINES ADVISORY COMMITTEE*. Physical Activity, All-Cause and Cardiovascular Mortality, and Cardiovascular Disease. *Med Sci Sports Exerc.* 2019 Jun;51(6):1270-1281. doi: 10.1249/MSS.0000000000001939. PMID: 31095084, impact factor 4.291
140. Jakicic JM, Powell KE, **Campbell WW**, Dipietro L, Pate RR, Pescatello LS, Collins KA, Bloodgood B, Piercy KL; 2018 PHYSICAL ACTIVITY GUIDELINES ADVISORY COMMITTEE*. Physical Activity and the Prevention of Weight Gain in Adults: A Systematic Review. *Med Sci Sports Exerc.* 2019 Jun;51(6):1262-1269. doi: 10.1249/MSS.0000000000001938. PMID: 31095083, impact factor 4.921
139. **Campbell WW**, Kraus WE, Powell KE, Haskell WL, Janz KF, Jakicic JM, Troiano RP, Sprow K, Torres A, Piercy KL, Bartlett DB; 2018 PHYSICAL ACTIVITY GUIDELINES ADVISORY COMMITTEE*. High-Intensity Interval Training for Cardiometabolic Disease Prevention. *Med Sci Sports Exerc.* 2019 Jun;51(6):1220-1226. doi: 10.1249/MSS.0000000000001934. PMID: 31095079, impact factor 4.291
138. Jakicic JM, Kraus WE, Powell KE, **Campbell WW**, Janz KF, Troiano RP, Sprow K, Torres A, Piercy KL; 2018 PHYSICAL ACTIVITY GUIDELINES ADVISORY COMMITTEE*. Association between Bout Duration of Physical Activity and Health: Systematic Review. *Med Sci Sports Exerc.* 2019 Jun;51(6):1213-1219. doi: 10.1249/MSS.0000000000001933. PMID: 31095078, impact factor 4.291
137. Kraus WE, Janz KF, Powell KE, **Campbell WW**, Jakicic JM, Troiano RP, Sprow K, Torres A, Piercy KL; 2018 PHYSICAL ACTIVITY GUIDELINES ADVISORY COMMITTEE*. Daily Step Counts for Measuring Physical Activity Exposure and Its Relation to Health. *Med Sci Sports Exerc.* 2019 Jun;51(6):1206-1212. doi: 10.1249/MSS.0000000000001932. PMID: 31095077, impact factor 4.291

136. Guasch-Ferré M, Satija A, Blondin SA, Janiszewski M, Emlen E, O'Connor LE, **Campbell WW**, Hu FB, Willett WC, Stampfer MJ. Meta-Analysis of Randomized Controlled Trials of Red Meat Consumption in Comparison With Various Comparison Diets on Cardiovascular Risk Factors. *Circulation*. 2019 Apr 9;139(15):1828-1845. doi: 10.1161/CIRCULATIONAHA.118.035225. PMID 30958719, impact factor 18.88
135. Amankwaah AF, Hudson JL, Kim JE, **Campbell WW**. Reductions in whole-body fat mass but not increases in lean mass predict changes in cardiometabolic health indices with exercise training among weight-stable adults. *Nutr Res*. 2019 Mar;63:63-69. doi: 10.1016/j.nutres.2018.11.004. Epub 2018 Nov 11. PMID 30824398, impact factor 2.707
134. Vilar-Gomez E, Athinarayanan SJ, Adams RN, Hallberg SJ, Bhanpuri NH, McKenzie AL, **Campbell WW**, McCarter JP, Phinney SD, Volek JS, Chalasani N. Post hoc analyses of surrogate markers of non-alcoholic fatty liver disease (NAFLD) and liver fibrosis in patients with type 2 diabetes in a digitally supported continuous care intervention: an open-label, non-randomised controlled study. *BMJ Open* 2019 Feb 25;9(2):e023597. doi: 10.1136/bmjopen-2018-023597. PMID 30803948, impact factor 2.413
133. Siegmann MJ, Athinarayanan SJ, Hallberg SJ, McKenzie AL, Bhanpuri NH, **Campbell WW**, McCarter JP, Phinney SD, Volek JS, Van Dort CJ. Improvement in patient-reported sleep in type 2 diabetes and prediabetes participants receiving a continuous care intervention with nutritional ketosis. *Sleep Med*. 2019 Mar;55:92-99. doi: 10.1016/j.sleep.2018.12.014. Epub 2019 Jan 3. PMID: 30772699, impact factor 3.396
132. O'Connor LE, Li J, Sayer RD, Hennessy JE, **Campbell WW**. Short-term effects of healthy eating pattern cycling on cardiovascular disease risk factors: pooled results from two randomized controlled trials. *Nutrients* 2018 Nov 10;10(11). pii: E1725. doi: 10.3390/nu10111725. PMID 30423846, impact factor 4.196
131. O'Connor LE, Biberstine SL, Paddon-Jones D, Schwichtenberg AJ, **Campbell WW**. Adopting a Mediterranean-Style Eating Pattern with Different Amounts of Lean Unprocessed Red Meat Does Not Influence Short-Term Subjective Personal Well-Being in Adults with Overweight or Obesity. *J Nutr*. 2018 Dec 1;148(12):1917-1923. doi: 10.1093/jn/nxy235. PMID 30517731, impact factor 4.398
130. Bergia RE 3rd, Kim JE, **Campbell WW**. Differential relationship between intermuscular adipose depots with indices of cardiometabolic health. *Int J Endocrinol*. 2018 Sep 4; 2018:2751250/ doi: 10/1155/2018/2751250 eCollection 2018. PMID:30254672, impact factor 2.340
129. Kim JE, **Campbell WW**. Dietary Cholesterol Contained in Whole Eggs Is Not Well Absorbed and Does Not Acutely Affect Plasma Total Cholesterol Concentration in Men and Women: Results from 2 Randomized Controlled Crossover Studies. *Nutrients*. 2018 Sep 9;10(9). pii: E1272. doi: 10.3390/nu10091272. PMID:30205602, impact factor 4.196
128. Wright CS, Zhou J, Sayer RD, Kim JE, **Campbell WW**. Effects of a High-Protein Diet Including Whole Eggs on Muscle Composition and Indices of Cardiometabolic Health and Systemic Inflammation in Older Adults with Overweight or Obesity: A Randomized Controlled Trial. *Nutrients*. 2018 Jul 23;10(7). pii: E946. doi: 10.3390/nu10070946. PMID:30041437, impact factor 4.196
127. Khambadkone SG, Corder ZA, Dickerson F, Severance EG, Prandovszky E, Pletnikov M, Xiao J, Li Y, Boersma GJ, Talbot CC Jr, **Campbell WW**, Wright CS, Siple CE, Moran TH, Tamashiro KL, Yolken RH. Nitrated meat products are associated with mania in humans and altered behavior and brain gene expression in rats. *Mol Psychiatry*. 2018 Jul 18. doi: 10.1038/s41380-018-0105-6. [Epub ahead of print] PMID: 30022042, impact factor 13.204
126. O'Connor LE, Paddon-Jones D, Wright AJ, **Campbell WW**. A Mediterranean-style eating pattern with lean, unprocessed red meat has cardiometabolic benefits for adults who are overweight or obese in a randomized, crossover, controlled feeding trial. *Am J Clin Nutr*. 2018 Jul 1;108(1):33-40. doi: 10.1093/ajcn/nqy075. PMID:29901710, impact factor 6.77
125. Bhanpuri NH, Hallberg SJ, Williams PT, McKenzie AL, Ballard KD, **Campbell WW**, McCarter JP, Phinney SD, Volek JS. Cardiovascular disease risk factor responses to a type 2 diabetes care model including nutritional ketosis induced by sustained carbohydrate restriction at 1 year: an open label, non-randomized, controlled study. *Cardiovasc Diabetol*. 2018 May 1;17(1):56. doi: 10.1186/s12933-018-0698-8. PMID: 29712560, impact factor 5.235

124. Hudson JL, Bergia RE 3rd, **Campbell WW**. Effects of protein supplements consumed with meals, versus between meals, on resistance training-induced body composition changes in adults: a systematic review. *Nutr Rev*. 2018 Jun 1;76(6):461-468. doi: 10.1093/nutrit/nuy012. PMID: 29697807, impact factor 5.541.
123. Bergia RE 3rd, Hudson JL, **Campbell WW**. Effect of whey protein supplementation on body composition changes in women: a systematic review and meta-analysis. *Nutr Rev*. 2018 Jul 1;76(7):539-551. doi: 10.1093/nutrit/nuy017. PMID: 29688559, impact factor 5.541.
122. Bhasin S, Apovian CM, Trivison TG, Pencina K, Moore LL, Huang G, **Campbell WW**, Li Z, Howland AS, Chen R, Knapp PE, Singer MR, Shah M, Secinaro K, Eder RV, Hally K, Schram H, Bearup R, Beleva YM, McCarthy AC, Woodbury E, McKinnon J, Fleck G, Storer TW, Basaria S. Effect of Protein Intake on Lean Body Mass in Functionally Limited Older Men: A Randomized Clinical Trial. *JAMA Intern Med*. 2018 Apr 1;178(4):530-541. PMID: 29532075, impact factor 16.54
121. Hallberg SJ, McKenzie AL, Williams PT, Bhanpuri NH, Peters AL, **Campbell WW**, Hazbun TL, Volk BM, McCarter JP, Phinney SD, Volek JS. Effectiveness and Safety of a Novel Care Model for the Management of Type 2 Diabetes at 1 Year: An Open-Label, Non-Randomized, Controlled Study. *Diabetes Ther*. 2018 Mar 5. doi: 10.1007/s13300-018-0386-4. [Epub ahead of print] PMID: 29508274, impact factor 2.368
120. Hudson JL, Paddon-Jones D, **Campbell WW**. Whey protein supplementation 2 hours after a lower protein breakfast restores plasma essential amino acid availability comparable to a higher protein breakfast in overweight adults. *Nutr Res*. 2017 Nov;47:90-97. doi: 10.1016/j.nutres.2017.09.007. Epub 2017 Oct 2. PMID: 29241582, impact factor 2.737
119. Apovian CM, Singer MR, **Campbell WW**, Bhasin S, McCarthy AC, Shah M, Basaria S, Moore LL. Development of a Novel Six-Month Nutrition Intervention for a Randomized Trial in Older Men with Mobility Limitations. *J Nutr Health Aging*. 2017;21(10):1081-1088. doi: 10.1007/s12603-017-0990-4. PMID: 29188864, impact factor 2.996
118. Hudson JL, Kim JE, Paddon-Jones D, **Campbell WW**. Within-day protein distribution does not influence body composition responses during weight loss in resistance-training adults who are overweight. *Am J Clin Nutr*. 2017 Nov;106(5):1190-1196. doi: 10.3945/ajcn.117.158246. Epub 2017 Sep 13. PMID: 28903957, impact factor 6.926
117. Sayer RD, Dhillon J, Tamer GG, Cornier MA, Chen N, Wright AJ, **Campbell WW**, Mattes RD. Consuming Almonds vs. Isoenergetic Baked Food Does Not Differentially Influence Postprandial Appetite or Neural Reward Responses to Visual Food Stimuli. *Nutrients*. 2017 Jul 27;9(8). pii: E807. doi: 10.3390/nu9080807. PMID: 28749419, impact factor 3.550
116. Kim JE, Dunville K, Li J, Cheng JX, Conley TB, Couture CS, **Campbell WW**. Intermuscular Adipose Tissue Content and Intramyocellular Lipid Fatty Acid Saturation Are Associated with Glucose Homeostasis in Middle-Aged and Older Adults. *Endocrinol Metab (Seoul)*. 2017 Jun;32(2):257-264. doi: 10.3803/EnM.2017.32.2.257. Epub 2017 May 29. PMID: 28555462
115. Bhasin S, Apovian CM, Trivison TG, Pencina K, Huang G, Moore LL, **Campbell WW**, Howland A, Chen R, Singer MR, Shah M, Eder R, Schram H, Bearup R, Beleva YM, McCarthy AC, Li Z, Woodbury E, McKinnon J, Storer TW, Basaria S. Design of a randomized trial to determine the optimum protein intake to preserve lean body mass and to optimize response to a promyogenic anabolic agent in older men with physical functional limitation. *Contemp Clin Trials*. 2017 May 5;58:86-93. doi: 10.1016/j.cct.2017.05.004. [Epub ahead of print] PMID: 28483498, impact factor 2.052
114. Kim JE, Lin G, Zhou J, Mund JA, Case J, **Campbell WW**. Weight loss achieved using an energy restriction diet with normal or higher dietary protein decreased the number of CD14⁺⁺CD16⁺ proinflammatory monocytes and plasma lipids and lipoproteins in middle-aged, overweight, and obese adults. *Nutr Res*. 2017 Apr;40:75-84. doi: 10.1016/j.nutres.2017.02.007. Epub 2017 Mar 14. PMID: 28473063, impact factor 2.523
113. Amankwaah AF, Sayer RD, Wright AJ, Chen N, McCrory MA, **Campbell WW**. Effects of higher dietary protein and fiber intakes at breakfast on postprandial glucose, insulin, and 24-h interstitial glucose in overweight adults. *Nutrients*. 2017 Apr 2;9(4) pii: E352. PMID:28368334, impact factor 3.759
112. Kranz S, Brauchla M, **Campbell WW**, Mattes RD, Schwichtenberg AJ. High-protein and high-dietary-fiber breakfasts result in equal feelings of fullness and better diet quality in low-income preschoolers compared with their usual breakfast. *J Nutr*. 2017 Mar;147(3):445-452. PMID: 28077732, impact factor 4.532

111. Li J, Janle E, **Campbell WW**. Postprandial glycemic and insulinemic responses to common breakfast beverages consumed with a standard meal in adults who are overweight and obese. *Nutrients*. 2017 Jan 4;9(1). pii: E32. doi: 10.3390/nu9010032. PMID: 28054966, impact factor 3.759
110. Wagner KA, Braun E, Armah SM, Horan D, Smith LG, Pike J, Tu W, Hamilton MT, Delp EJ, **Campbell WW**, Boushey CJ, Hannon TS, Gletsu-Miller N. Dietary Intervention for Glucose Tolerance In Teens (DIG IT): Protocol of a randomized controlled trial using health coaching to prevent youth-onset type 2 diabetes. *Contemp Clin Trials*. 2017 Feb;53:171-177. PMID: 28011388, impact factor 2.052
109. Wright CS, McMorrow AM, Weinheimer-Haus EM, **Campbell WW**. Whey protein supplementation and higher total protein intake do not influence bone quantity in overweight and obese adults following a 36-week exercise and diet intervention. *J Nutr*. 2017 Feb;147(2):179-186. PMID: 28003538. Impact factor 4.532
108. O'Connor LE, Kim JE, **Campbell WW**. Total red meat intake of ≥ 0.5 servings/d does not negatively influence cardiovascular disease risk factors: a systemically searched meta-analysis of randomized controlled trials. *Am J Clin Nutr*. 2017 Jan;105(1):57-69. PMID: 27881394, impact factor 6.703
See also: O'Connor LE, Kim JE, **Campbell WW**. Reply to A Satija et al. *Am J Clin Nutr* 2017 Jun;105(6):1568-1569. doi: 10.3945/ajcn.117.154625. PMID:28572250.
107. Kim JE, Ferruzzi MG, **Campbell WW**. Egg consumption increased vitamin E absorption from co-consumed raw mixed vegetables in healthy young men. *J Nutr*. 2016 Nov;146(11):2199-2205. PMID 27655756, impact factor 3.740
106. Sayer RD, Tamer GG Jr, Chen N, Tregellas JR, Cornier MA, Kareken DA, Talavage TM, McCrory MA, **Campbell WW**. Reproducibility assessment of brain responses to visual food stimuli in adults with overweight and obesity. *Obesity (Silver Spring)*. 2016 Oct; 24(10):2057-63. doi: 10.1002/oby.21603. PMID 27542906, impact factor 3.614
105. Wagner KA, Armah SM, Smith LG, Pike J, Tu W, **Campbell WW**, Boushey CJ, Hannon TS, Gletsu-Miller N. Associations between diet behaviors and measures of glycemia, in clinical setting, in obese adolescents. *Child Obes* 2016 Oct 12(5):341-7. Doi:10.1089/chi.2015.0232. PMID: 27135792, impact factor 2.543
104. Rafii M, Chapman K, Elango R, **Campbell WW**, Ball RO, Pencharz PAB, Courtney-Martin G. Dietary protein requirement of men >65 years old determined by the indicator amino acid oxidation technique is higher than the current estimated average requirement. *J Nutr* 2016 Mar 9. [Epub ahead of print]. PMID: 26962173, impact factor 3.875
103. O'Connor LE and **Campbell WW**. A novel fiber composite ingredient incorporated into a beverage and bar blunts postprandial serum glucose and insulin responses: a randomized controlled trial. *Nutr Res* 2016 Mar; 36(3):2530261. PMID: 26923512, impact factor 2.472
102. Kim JE, O'Connor LE, Sands LP, Slebodnik MB, **Campbell WW**. Effects of dietary protein intake on body composition changes after weight loss in older adults: a systematic review and meta-analysis. *Nutr Rev* 2016 Mar; 74(3):210-224. PMID 26883880, impact factor 6.076
101. Zhou J, Kim JE, Armstrong CL, Chen N, **Campbell WW**. Higher-protein diets improve indexes of sleep in energy-restricted overweight and obese adults: results from 2 randomized controlled trials. *Am J Clin Nutr* 2016 Mar; 103(3):766-774. PMID 26864362, impact factor 6.770
100. Li J, Armstrong CLH, **Campbell WW**. Effects of dietary protein source and quantity during weight loss on appetite, energy expenditure, and cardio-metabolic responses. *Nutrients* 2016 8(2), 63. PMID 26821042, impact factor 3.270
99. Sayer RD, Amankwaah AF, Tamer GG, Chen N, Wright AJ, Tregellas JR, Cornier MA, Kareken DA, Talavage TM, McCrory MA, **Campbell WW**. Effects of Dietary Protein and Fiber at Breakfast on Appetite, ad Libitum Energy Intake at Lunch, and Neural Responses to Visual Food Stimuli in Overweight Adults *Nutrients*. 2016 Jan 5;8(1). pii: E21. PMID: 26742068, impact factor 3.270
98. Wright CS, Craddock A, Weinheimer-Haus EM, Lim E, Conley TB, Janle EM, **Campbell WW**. Thyroid status, insulin sensitivity and glucose tolerance in overweight and obese adults before and after 36 weeks of whey protein supplementation and exercise training. *Endocr Res*. 2016 May; 41(2):103-9 PMID: 26727029, impact factor 1.278

97. Wright CS, Weinheimer-Haus EM, Fleet JC, Peacock M, **Campbell WW**. The apparent relation between plasma 25-hydroxyvitamin D and insulin resistance is largely attributable to central adiposity in overweight and obese adults. *J. Nutr.* 145(12):2683-2689, 2015 doi:10.3945/jn.115.220541 PMID: 26446485, impact factor 3.875
96. **Campbell WW**, Kim JE, Amankwaah AF, Gordon SL, Weinheimer-Haus EM. Higher Total protein intake and change in total protein intake affect body composition but not metabolic syndrome indexes in middle-aged overweight and obese adults who performed resistance and aerobic exercise for 36 weeks. *J Nutr.* 145(9):2076-83, 2015, Aug 5. pii: jn213595. [Epub ahead of print] PMID: 26246322, impact factor 3.875
95. Sayer RD, Wright AJ, Chen N, **Campbell WW**. Dietary Approaches to Stop Hypertension diet retains effectiveness to reduce blood pressure when lean pork is substituted for chicken and fish as the predominant source of protein. *Am J Clin Nutr* 102(2):302-308, 2015. PMID: 26063693, impact factor 6.770
94. Kim JE, Gordon SL, Ferruzzi MG, **Campbell WW**. Effects of egg consumption on carotenoid absorption from co-consumed, raw vegetables. *Am J Clin Nutr* 102(1):75-83, 2015 PMID: 26016861, impact factor 6.770
93. Henagan TM, Cefalu WT, Ribnicky DM, Noland RC, Dunville K, **Campbell WW**, Stewart LK, Forney LA, Gettys TW, Chang JS, Morrison CD. In vivo effects of dietary quercetin and quercetin-rich red onion extract on skeletal muscle mitochondria, metabolism and insulin sensitivity. *Genes Nutr* 10(1):451, 2015. PMID 25542303; PMCID: PMC4277553, impact factor 2.398
92. Rafii M, Chapman K, Owens J, Elango R, **Campbell WW**, Ball RO, Pencharz PB, Courtney-Martin G. Dietary Protein Requirement of Female Adults >65 Years Determined by the Indicator Amino Acid Oxidation Technique Is Higher Than Current Recommendations. *J Nutr.* 145:18-24, 2015 PMID: 25320185, impact factor 3.875
91. Anguah KO, Wonnell BS, **Campbell WW**, McCabe GP, McCrory MA. A blended- rather than whole lentil meal with or without α -galactosidase mildly increases healthy adults' appetite but not their glycemic response. *J Nutr* 144(12):1963-1969, 2014. PMID 25411033; PMCID: PMC4230209
90. Markofski MM, Flynn MG, Carrillo AE, Armstrong CL, **Campbell WW**, Sedlock DA. Resistance exercise training-induced decreased in inflammatory CD14+CD16+ monocyte percentage without weight loss in older adults. *Eur J Appl Physiol* 114(8):1737-48, 2014. PMID 24832193
89. Failla ML, Chitchumronchokchai C, Ferruzzi MG, Goltz SR, **Campbell WW**. Unsaturated fatty acids promote bioaccessibility and basolateral secretion of carotenoids and α -tocopherol by Caco-2 cells. *Food Funct.*, 5(6):1101-1112, 2014 PMID 24710065
88. Tang M, McCabe GP, Elango R, Pencharz PB, Ball RO, **Campbell WW**. Assessment of protein requirement in octogenarian women with use of the indicator amino acid oxidation technique. *Am J Clin Nutr* 99(4):891-8, 2014 PMID 24429540
- See also: Tang M, McCabe GP, Elango R, Pencharz PB, Ball RO, **Campbell WW**. Reply to DJ Millward. *Am J Clin Nutr* 100(4):1212-1213. PMID 25240088; PMCID: PMC4163799.
87. Tang M, Leidy JH, **Campbell WW**. Regional, but not total, body composition changes in overweight and obese adults consuming a higher protein, energy-restricted diet are sex specific. *Nutr Res* 33(8): 629-635, 2013. PMID: 23890352
86. Goltz SR, Sapper TN, Failla ML, **Campbell WW**, Ferruzzi MG. Carotenoid bioavailability from raw vegetables and a moderate amount of oil in human subjects is greatest when the majority of daily vegetables are consumed at one meal. *Nutr Res* 33(5):358-366, 2013. PMID 23684437
85. Kobza VM, Fleet JC, Zhou J, Conley TB, Peacock M, IglayReger HB, DePalma G, **Campbell WW**. Vitamin D status and resistance exercise training independently affect glucose tolerance in older adults. *Nutr Res* 33(5):349-357, 2013. PMID 23684436
84. Tang M, Armstrong CLH, Leidy HJ, **Campbell WW**. Normal vs. high-protein weight loss diets in men: effects on body composition and indices of metabolic syndrome. *Obesity* 21(3):E204-E210, 2013. PMID 23592676
83. Kullman EL, **Campbell WW**, Krishnan RK, Yarasheski KE, Evans WJ, Kirwan, JP. Age attenuates leucine oxidation after eccentric exercise. *Int J Sports Med* 34(8):695-699, 2013, PMID 23325713

82. Houchins JA, Tan SY, **Campbell WW**, Mattes RD. Effects of fruit and vegetable, consumed in solid vs beverage forms, on acute and chronic appetitive responses in lean and obese adults. *Int J Obes* 37(8):693-699, 2013. PMID 23164702
81. Conley TB, McCabe GP, Lim E, Yarasheski KE, Johnson CA, **Campbell WW**. Age and sex affect protein metabolism at protein intakes that span the range of adequacy: comparison of leucine kinetics and nitrogen balance data. *J Nutr Biochem* 24:693-699, 2013. PMID 22841544
80. Weinheimer EM, Conley TB, Kobza VM, Sands LP, Lim E, **Campbell WW**. Whey protein supplementation does not affect exercise training-induced changes in body composition and indices of metabolic syndrome in middle-aged overweight and obese adults. *J Nutr* 142(8):1532-1539, 2012. PMID 22718030
79. Goltz SR, **Campbell WW**, Chitchumroonchokchai C, Failla ML, Ferruzzi MG. Meal triacylglycerol profile modulates postprandial absorption of carotenoids in humans. *Mol Nutr Food Res*. 2012(6):866-877. PMID 22707262
78. Weaver CM, **Campbell WW**, Teegarden D, Craig BA, Martin BR, Sing R, Braun MM, Apolzan JA, Hannon TS, Schoeller DA, DiMeglio L, Hickey Y, Peacock M. Calcium, dairy products, and energy balance in overweight adolescents: A controlled trial. *Am J Clin Nutr* 94(5):1163-1170, 2011. PMID 21918216
77. Houchins JA, Burgess JR, **Campbell WW**, Daniel JR, Ferruzzi MG, McCabe GP, Mattes RD. Beverage versus solid fruits and vegetables: Effects on energy intake and body weight. *Obesity* 2012; 20(9):1844-1850. PMID 21720441
76. Apolzan JW, Leidy HJ, Mattes RD, **Campbell WW**. Effects of food form on food intake and postprandial appetite sensations, glucose and endocrine responses, and energy expenditure in resistance trained vs. sedentary older adults. *Br J Nutr* 106(7):1107-1116, 2011. PMID 21492495.
75. Conley TB, Apolzan JW, Leidy HJ, Greaves KA, Lim E, **Campbell WW**. Effect of food form on postprandial plasma amino acid profiles in older adults. *Br J Nutr* 2011 106(2):203-207. PMID 21554804
74. Laan DJ, Leidy HJ, Lim E, **Campbell WW**. Effects and reproducibility of aerobic and resistance exercise on appetite and energy intake in young, physically active adults. *Appl Physiol Nutr Metab*. 35(6):842-847, 2010. PMID: 21164556.
73. Leidy HJ, Tang M, Armstrong CLH, Martin CB, **Campbell WW**. The effects of consuming frequent, higher protein meals on appetite and satiety during weight loss in overweight/obese men. *Obesity* 19(4):818-824, 2011 [Epub Sep 16, 2010]. PMID 20847729
72. O'Connell DN, Weinheimer EM, Martin BR, Weaver CM, **Campbell WW**. Water turnover assessment in overweight adolescents. *Obesity* 19(2):292-297, 2011 [Epub Sept 16, 2010]. PMID 20930714
71. Leidy HJ, Armstrong CLH, Tang M, Mattes RD, **Campbell WW**. The influence of higher protein intake and greater eating frequency on appetite control in overweight and obese men. *Obesity* 18(9):1725-32, 2010 PMID: 20339363
70. **Campbell WW**, and Tang M. Protein intake, weight loss, and bone mineral density in postmenopausal women. *J Gerontol A Biol Sci Med Sci* 65(10):1115-22, 2010 PMID: 20605872
69. Thalacker-Mercer AE, Fleet JC, Craig BA, **Campbell WW**. The skeletal muscle transcript profile reflects accommodative responses to inadequate protein intake in younger and older males. *J Nutr Biochem* 21(11):1076-82, 2010 PMID: 20149619
68. Leidy HJ, Apolzan JW, Mattes RD, **Campbell WW**. **Food form and portion size affect postprandial appetite sensations and hormonal responses in healthy, nonobese, older adults.** *Obesity*, 18(2):293-299, 2010. PMID: 19629055
67. Sands AL, Leidy HJ, Hamaker BR, Maguire P, **Campbell WW**. Consumption of the slow digesting waxy maize starch leads to blunted plasma glucose and insulin response but does not influence energy expenditure or appetite in humans. *Nutr Res* 29:383-390, 2009. PMID: 19628104
66. **Campbell WW**, Haub DM, Wolfe RR, Ferrando AA, Sullivan DH, Apolzan JW, Iglay HB. Resistance training preserves fat-free mass without impacting changes in protein metabolism after weight loss in older women. *Obesity* 17:1332-9, 2009. PMID: 19247271
65. Singh R, Martin BR, Hickey Y, Teegarden D, **Campbell WW**, Craig BA, Schoeller DA, Kerr DA, Weaver CM. Comparison of self-reported energy intake and measured metabolizable energy intake with total energy expenditure in overweight teens. *Am J Clin Nutr* 89:1744-50, 2009. PMID: 19386746

64. Apolzan JW, Flynn MG, McFarlin BK, **Campbell WW**. Age and physical activity status effects on appetite and mood state in older humans. *Appl Physiol Nutr Metab* 34:203-211, 2009. PMID: 19370051
63. Stull AJ, Wood KV, Thyfault JP, **Campbell WW**. Effects of acute pinitol supplementation on plasma pinitol concentration, whole body glucose tolerance, and activation of the skeletal muscle insulin receptor in older humans. *Horm Metab Res* 41:381-386, 2009. PMID: 19221977
62. Mattes RD and **Campbell WW**. Effects of food form and timing of ingestion on appetite and energy intake in lean young adults and in young adults with obesity. *J Am Diet Assoc* 109:430-437, 2009. PMID: 19248858
61. Leidy HJ, Bossingham MJ, Mattes RD, **Campbell WW**. Increased dietary protein consumed at breakfast leads to an initial and sustained feeling of fullness during energy restriction compared to other meal times. *Br J Nutr* 101:798-803, 2009. PMID: 19283886
60. Iglay HB, Apolzan JW, Gerrard DE, Eash JK, Anderson JC, **Campbell WW**. Moderately increased protein intake predominantly from egg sources does not influence whole body, regional, or muscle composition responses to resistance training in older people. *J Nutr, Health Aging* 13:108-114, 2009. PMID: 19214338
59. **Campbell WW**, Johnson CA, McCabe GP, Carnell NS. Dietary protein requirements of younger and older adults. *Am J Clin Nutr* 88:1322-1329, 2008. PMID: 18996869
58. Stull AJ, Thyfault JP, Haub MD, Ostund RD Jr., **Campbell WW**. Relationships between urinary inositol excretions and whole-body glucose tolerance and skeletal muscle insulin receptor phosphorylation. *Metabolism Clin & Exper* 57:1545-1551, 2008. PMID: 18940392
57. Stull AJ, Apolzan JW, Thalacker-Mercer AE, Iglay HB, **Campbell WW**. Liquid and solid meal replacement products differentially affect postprandial appetite and food intake in older adults. *J Am Diet Assoc* 108:1226-1230, 2008. PMID: 18589034
56. Weinheimer EM, Martin BR, Weaver CM, Welch JM, **Campbell WW**. The effect of exercise on water balance in premenopausal physically active women. *J Am Diet Assoc* 108:1662-1667, 2008. PMID: 18926131
55. Diaz ML, Watkins BA, Li Y, Anderson RA, **Campbell WW**. Chromium picolinate and conjugated linoleic acid do not synergistically influence diet- and exercise-induced changes in body composition and health indexes in overweight women. *J Nutr Biochem* 19:61-68, 2008. PMID: 17531459
54. Martin, BR, Davis S, **Campbell WW**, Weaver CM. Exercise and calcium supplementation: effects on calcium homeostasis in sportswomen. *Med Sci Sports Exerc* 39(9):1481-1486, 2007. PMID: 17805076
53. Stewart LK, Flynn MG, **Campbell WW**, Craig BA, Robinson JP, Timmerman KL, McFarlin BK, Coen PM, Talbert E. The influence of exercise training on inflammatory cytokines and C-reactive protein. *Med Sci Sports Exerc* 39 (10):1714-1719, 2007. PMID: 17909397
52. Tieken SM, Leidy HJ, Stull AJ, Mattes RD, Schuster RA, **Campbell WW**. Effects of solid versus liquid meal-replacement products of similar energy content on hunger, satiety, and appetite-regulating hormones in older adults. *Hor Metab Res* 39(5):389-94, 2007. PMID: 17533583
51. Mourao DM, Bressan, **Campbell WW**, Mattes RD. Effects of food form on appetite and energy intake in lean and obese young adults. *Int J Obes (Lond)* 31:1688-1695, 2007. PMID 17579632
50. Thalacker-Mercer AE, Johnson CA, Yarsheski KE, Carnell NS, **Campbell WW**. Nutrient ingestion, protein intake, and sex, but not age, affect the albumin synthesis rate in humans. *J Nutr* 137(7):1734-1740, 2007. PMID: 17585023
49. Thalacker-Mercer AE, JC Fleet, BA Craig, NS Carnell, **WW. Campbell**. Inadequate protein intake affects skeletal muscle transcript profiles in older humans. *Am J Clin Nutr* 85:1344-1352, 2007. PMID: 17490972
48. Leidy HJ, RD Mattes, **WW Campbell**. Effects of acute and chronic protein intake on metabolism, appetite, and ghrelin during weight loss. *Obesity* 15:1215-1225, 2007. PMID: 17495198
47. Apolzan JW, NS Carnell, RD Mattes, **WW Campbell**. Inadequate dietary protein increases hunger and desire to eat in younger and older men. *J Nutr* 137:1478-1482, 2007. PMID: 17513410
46. Leidy HJ, NS Carnell, RD Mattes, **WW Campbell**. Higher protein intake preserves lean mass & satiety with weight loss in pre-obese & obese women. *Obesity* 15:421-429, 2007. PMID: 17299116
45. Iglay HB, JP Thyfault, JW Apolzan, **WW Campbell**. Resistance training and dietary protein: effects on glucose tolerance and contents of skeletal muscle insulin signaling proteins in older persons. *Am J Clin Nutr* 85:1005-1013, 2007. PMID: 17413099

44. Mahon AK, Flynn MG, Stewart LK, McFarlin BK, Iglay HB, Mattes RD, Lyle RM, Considine RB, **Campbell WW**. Protein intake during energy restriction: effects on body composition and markers of metabolic and cardiovascular health in postmenopausal women. *J Am Coll Nutr* 26(2):182-189, 2007. PMID: 17536130
43. Mahon AK, MG Flynn, HB Iglay, LK Stewart, CA Johnson, BK McFarlin, **WW Campbell**. Measurement of body composition changes with weight loss in postmenopausal women” comparison of methods. *J Nutr Health & Aging* 11(3):203-213, 2007. PMID: 17508096
42. McFarlin BK, MG Flynn, AK Mahon, LK Stewart, KL Timmerman, RM Lyle, **WW Campbell**. Energy restriction with different protein quantities and source in postmenopausal women: implications for innate immunity. *Obesity* 14:1211-1218, 2006. PMID: 15963685
41. McFarlin BK, MG Flynn, **WW Campbell**, BA Craig, JP Robinson, LK Stewart, KL Timmerman, PM Coen. Physical activity status, but not age, influences inflammatory biomarkers and Toll-like receptor 4. *J Gerontol: A Biol Sci Med Sci* 61(4):388-93, 2006. PMID: 16611706
40. Stewart LK, MG Flynn, **WW Campbell**, BA Craig, JP Robinson, BK McFarlin, KL Timmerman, PM Coen, J Felker, E Talbert. Influence of exercise training and age on CD14+ cell-surface expression of toll-like receptor 2 and 4. *Brain, Behavior, and Immunity* 19:389-397, 2005. PMID: 15963685
39. Bossingham MJ, NS Carnell, **WW Campbell**. Water balance, hydration status, and fat-free mass hydration in younger and older adults. *Am J Clin Nutr* 81:1342-1350, 2005 PMID: 15941885 PMC2495085
38. Haub MD, AM Wells, **WW Campbell**. Beef and soy-based food supplements differentially affect serum lipoprotein-lipid profiles because of changes in carbohydrate intake and novel nutrient intake ratios in older men who resistive-train. *Metabolism Clinical and Experimental* 54:769-774, 2005. PMID: 15931612
37. McFarlin BK, MG Flynn, **WW Campbell**, LK Stewart, KL Timmerman. TLR4 is lower in resistance-trained older women and related to inflammatory cytokines. *Med Sci Sports Exerc* 36(11):1876-1883, 2004. PMID: 15514501
36. **Campbell WW**, MD Haub, JD Fluckey, RE Ostlund, Jr., JP Thyfault, H Morse-Carrithers, MW Hulver, ZK Birge. Pinitol supplementation does not affect insulin-mediated glucose metabolism and muscle insulin receptor content and phosphorylation in older humans. *J Nutr* 134:2998-3003, 2004. PMID: 15514265 PMC2556254
35. **Campbell WW**, JC Fleet, RT Hall, NS Carnell. Short-term low-protein intake does not increase serum parathyroid hormone concentration in humans. *J Nutr* 134:1900-1904, 2004. PMID: 15284373 PMC2556255
34. **Campbell WW**, LJO Joseph, RE Ostlund, Jr, RA Anderson, PA Farrell, WJ Evans. Resistive training and chromium picolinate: effects on inositols and liver and kidney functions in older adults. *Intern J Sport Nutr & Exerc Metab* 14:430-442, 2004. PMID: 15467101
33. Kruskall LJ, **WW Campbell**, WJ Evans. The Yale Physical Activity Survey for Older Adults: predictions in the energy expenditure due to physical activity. *J Am Diet Assoc* 104:1251-1257, 2004. PMID: 15281043
32. Kuiack SL, **WW Campbell**, WJ Evans. A structured resistive training program improves muscle strength and power in elderly persons with dementia. *Activities, Adaptation & Aging* 28:35-47, 2004. https://doi.org/10.1300/J016v28n01_03
31. Kruskall LJ, **WW Campbell**, WJ Evans. The Atwater energy equivalents overestimate metabolizable energy intake in older humans: results from a 96-day strictly controlled feeding study. *J Nutr* 133:2581-2584, 2003. PMID: 12888641
30. Wells AM, MD Haub, J Fluckey, DK Williams, R Chernoff, **WW Campbell**. Comparisons of vegetarian and beef-containing diets on hematological indexes and iron stores during a period of resistive training in older men. *J Am Diet Assoc* 103:594-601, 2003. PMID: 12728219 PMC2495081
29. Haub MD, Wells AM, Tarnopolsky MA, **Campbell WW**. Effect of protein source on resistive-training-induced changes in body composition and muscle size in older men. *Am J Clin Nutr* 76(3):511-517, 2002. PMID: 12197993 PMC2556250
28. **Campbell, WW**, TA Trappe, AC Jozsi, LJ Kruskall, RR Wolfe, WJ Evans. Dietary protein adequacy and lower body versus whole body resistive training in older humans. *Journal of Physiology* 542 (Pt. 2):631-642, 2002. PMID: 12122158 PMC2290421

27. **Campbell WW**, LJ Kruskall, WJ Evans. Lower body versus whole body resistive exercise training and energy requirements of older men and women. *Metabolism* 51:989-997, 2002. PMID: 12145771
26. **Campbell WW**, LJO Joseph, RA Anderson, SL Davey, J Hinton, WJ Evans. Effects of resistive training and chromium picolinate on body composition and skeletal muscle size in older women. *International Journal of Sport Nutrition & Exercise Metabolism* 12:125-135, 2002. PMID: 12187613
25. Joseph LJO, TA Trappe, PA Farrell, **WW Campbell**, KE Yarasheski, CP Lambert, WJ Evans. Short-term moderate weight loss and resistance training do not affect insulin-stimulated glucose disposal in postmenopausal women. *Diabetes Care* 24(11):1863-1869, 2001. PMID: 11679448
24. Murray-Kolb LE, JL Beard, LJ Joseph, SL Davey, WJ Evans, **WW Campbell**. Resistance training affects iron status in older men and women. *Intern J Sport Nutr and Exerc Metab* 11:273-284, 2001. PMID: 11591880
23. Kirwan JP, D Cyr-Campbell, **WW Campbell**, J Scheiber, WJ Evans. Effects of moderate and high glycemic index meals on metabolism and exercise performance. *Metabolism* 50(7):849-855, 2001. PMID: 11436193
22. Morse HM, MD Haub, WJ Evans, **WW Campbell**. Protein requirement of elderly women: nitrogen balance responses to three levels of protein intake. *J Gerontol: Med Sci* 56A(11):M724-M730, 2001. PMID: 11682582
PMC2495087
21. Jozsi AC, EE Dupont-Versteegden, JM Taylor-Jones, WJ Evans, TA Trappe, **WW Campbell**, CA Peterson. Molecular characteristics of aged muscle reflect an altered ability to respond to exercise. *International Journal of Sport Nutrition and Exercise Metabolism*. 11:S9-S15, 2001. PMID: 11915934
20. Kirwan JP, DJ O’Gorman, D Cyr-Campbell, **WW Campbell**, KE Yarasheski, WJ Evans. Effects of a moderate glycemic meal on exercise duration and substrate utilization. *Med Sci Sports Exerc* 33(9):1517-1523, 2001. PMID: 11528341
19. Jozsi AC, EE Dupont-Versteegden, JM Taylor-Jones, WJ Evans, TA Trappe, **WW Campbell**, CA Peterson. Aged human muscle demonstrates an altered gene expression profile consistent with an impaired response to exercise. *Mechanisms of Ageing and Development*. 120(1-3):45-56, 2000. PMID: 11087903
18. **Campbell WW**, Ostlund Jr. RE, Joseph LJO, Farrell PA, Evans WJ. Relationships of plasma C-peptide and gender to the urinary excretion of inositols in older people. *Hormone & Metabolic Research* 33:44-51, 2001. PMID: 11280715
17. **Campbell WW**, Trappe TA, Wolfe RR, Evans WJ. The Recommended Dietary Allowance for protein may not be adequate for older people to maintain skeletal muscle. *J Gerontol A Biol Sci Med Sci* 56(6):M373-M380, 2001. PMID: 11382798
16. **Campbell WW**, Barton Jr. ML, Cyr-Campbell D, Davey SL, Beard JL, Parise G, Evans WJ. Effects of an omnivorous diet compared with a lactoovovegetarian diet on resistance-training-induced changes in body composition and skeletal muscle in older men. *Am J Clin Nutr* 70:1032-1039, 1999. PMID: 10584048
15. Jozsi AC, **WW Campbell**, LJO Joseph, SL Davey, WJ Evans. Changes in power with resistance training in older and younger men and women. *J Gerontol* 54A:M591-M596, 1999. PMID: 10619323
14. Joseph LJO, SL Davey, WJ Evans, **WW Campbell**. Differential effect of resistance training on the body composition and lipoprotein-lipid profile in older men and women. *Metabolism* 48:1474-1480, 1999. PMID: 10582560
13. Joseph LJO, PA Farrell, SL Davey, WJ Evans, **WW Campbell**. The effect of resistance training with or without chromium picolinate supplementation on glucose metabolism in older men and women. *Metabolism* 48:546-553, 1999. PMID: 10337851
12. **Campbell WW**, LJ Joseph, SL Davey, D Cyr-Campbell, RA Anderson, WJ Evans. Effects of resistance training and chromium picolinate on body composition and skeletal muscle in older men. *J Appl Physiol* 86:29-39, 1999. PMID: 9887110
11. Kraemer WJ, K Hakkinen, RU Newton, BC Nindl, JS Volek, M McCormick, LA Gotshalk, SE Gordon, SJ Fleck, **WW Campbell**, M Putukian, WJ Evans. Effects of heavy-resistance training on hormonal response patterns in younger vs. older men. *J Appl Physiol* 87:982-992, 1999. PMID: 10484567
10. Hakkinen K, RU Newton, SE Gordon, M McCormick, JS Volek, BC Nindl, LA Gotshalk, **WW Campbell**, WJ Evans, A Hakkinen, GJ Humphries, WJ Kraemer. Changes in muscle morphology, electromyographic activity, and force production characteristics during progressive strength training in young and older men. *J Gerontol* 53A:B415-B423, 1998. PMID: 9823737

9. Kraemer WJ, K Hakkinen, RU Newton, M McCormick, BC Nindl, JS Volek, LA Gotshalk, SJ Fleck, **WW Campbell**, SE Gordon, PA Farrell, WJ Evans. Acute hormonal responses to heavy resistance exercise in younger and older men. *Eur J appl Physiol* 77:206-211, 1998. PMID: 9535580
8. **Campbell, WW**, D Cyr-Campbell, JA Weaver, WJ Evans, Energy requirement for long-term weight maintenance in older women. *Metabolism* 46:884-889, 1997. PMID: 9258269
7. **Campbell WW**, JL Beard, LJ Joseph, SL Davey, WJ Evans. Chromium picolinate supplementation and resistance training by older men: effects on iron-status and hematologic indexes. *Am J Clin Nutr* 66:944-949, 1997. PMID: 9322572
6. **Campbell WW**, Crim MC, Young VR, Joseph, LJ, and Evans WJ. Effects of resistance training and dietary protein intake on protein metabolism in older adults. *Am J Physiol*. 1995;268(Endocrinol. Metab. 31):E1143-E1153. PMID: 7611390
5. Bathalon GP, Hughes VA, **Campbell WW**, Fiatarone MA, and Evans WJ. Military body fat standards and equations applied to middle-aged women. *Med Sci Sports Exerc*. 1995;27:1079-1085. PMID: 7564976
4. **Campbell WW**, Crim MC, Young VR, and Evans WJ. Increased protein requirements in elderly people: new data and retrospective reassessments. *Am J Clin Nutr*. 1994;60:501-509. PMID: 8092084
3. **Campbell WW**, Crim MC, Young VR, and Evans WJ. Increased energy requirements and changes in body composition with resistance training in older adults. *Am J Clin Nutr*. 1994;60:167-175. PMID: 8030593
2. **Campbell WW**, Polansky MM, Bryden NA, Soares JH Jr., and Anderson RA. Dietary chromium and exercise training effects on glucose, cholesterol, and related variables. *J Trace Elements in Exper Med*. 1990;3:297-305.
1. **Campbell WW**, Polansky MM, Bryden NA, and Anderson RA. Exercise training and dietary chromium effects on glycogen, glycogen synthase, phosphorylase and total protein in rats. *J Nutr*. 1989;119:653-660. PMID: 2495344

Review Articles

26. Powell KE, King AC, Buchner DM, **Campbell WW**, DiPietro L, Erickson KI, Hillman CH, Jakicic JM, Janz KF, Katzmarzyk PT, Kraus WE, Macko RF, Marquez DX, McTiernan A, Pate RR, Pescatello LS, Whitt-Glover MC. The Scientific Foundation for the Physical Activity Guidelines for Americans, 2nd Edition. *J Phys Act Health*. 2018 Dec 17;1-11. doi: 10.1123/jpah.2018-0618. [Epub ahead of print] PMID: 30558473, impact factor 1.723
25. Gifford CL, O'Connor LE, **Campbell WW**, Woerner DR, Belk KE. Broad and inconsistent muscle food classification is problematic for dietary guidance in the U.S. *Nutrients*. 2017; 2017 Sep 16;9(9). pii: E1027. doi: 10.3390/nu9091027. Impact factor 3.550. PMID: 28926963
24. Millen BE, Abrams S, Adams-Campbell L, Anderson CA, Brenna JT, **Campbell WW**, Clinton S, Hu F, Nelson M, Neuhouser ML, Perez-Escamilla R, Siega-Riz AM, Story M, Lichtenstein AH. The 2015 Dietary Guidelines Advisory Committee Scientific Report: Development and Major Conclusions. *Adv Nutr*. 2016 May 16;7(3):438-44. doi: 10.3945/an.116.012120. Print 2016 May. PMID:2718427. Impact factor 5.386
23. Paddon-Jones D, **Campbell WW**, Jacques PF, Kritchevsky SB, Moore LL, Rodriguez NR, van Loon LJ. Protein and healthy aging. *Am J Clin Nutr* 2015; 101(Suppl):1339S-1145S. PMID 25926511
22. Hooper L, Abdelhamid A, Attreed NJ, **Campbell WW**, et al. (38 total co-authors). Clinical symptoms, signs and tests for identification of impending and current water-loss dehydration in older people. *Cochrane Database Syst Rev*. 2015 Apr 30;4:CD009647. doi: 10.1002/14651858.CD009647.pub2. PMID: 25924806
21. Li J, O'Connor, Zhou J, **Campbell WW**. Exercise patterns, ingestive behaviors, and energy balance. *Physiol Behav* 134:70-5, 2014. PMID 24747277
20. Tang M, O'Connor LE, **Campbell WW**. Diet-induced weight loss: the effect of dietary protein on bone. *J Acad Nutr Diet* 114(1):72-85, 2014 PMID 24183993
19. Volpi E, **Campbell WW**, Dwyer JT, Johnson MA, Jensen GL, Morley JE, Wolfe RR. Is the optimal level of protein intake for older adults greater than the recommended dietary allowance? *J Gerontol A Biol Sci Med Sci* 68(6):677-681, 2013. PMID 23183903
18. McCrory MA, **Campbell WW**. Effects of eating frequency, snacking, and breakfast skipping on energy regulation: symposium overview. *J Nutr*. 2011;141:144-147. PMID: 21123468

17. Leidy HJ, **Campbell WW**. The effect of eating frequency on appetite control and food intake: brief synopsis of controlled feeding studies. *J Nutr*. 2011;141:154-157. PMID: 21123467
16. Weinheimer EM, Sands LP, and **Campbell WW**. A systematic review of the separate and combined effects of energy restriction and exercise on fat-free mass in middle-aged and older adults: Implications for sarcopenic obesity. *Nutr Rev* 68(7):375-388, 2010. PMID: 20591106
15. Paddon-Jones D, Short KR, **Campbell WW**, Volpi E, Wolfe RR. Role of dietary protein in the sarcopenia of aging. *Am J Clin Nutr* 87(suppl):1562S-1566S, 2008. PMID: 18469288
14. Thalacker-Mercer AE, **Campbell WW**. Dietary protein intake affects albumin fractional synthesis rate in younger and older adults equally. *Nutr Rev* 66(2):91-05, 2008. PMID: 18254875
13. **Campbell WW** and Leidy HJ. Dietary protein and resistance training effects on muscle and body composition in older persons. *J Am Coll Nutr* 26(6):696S-703S, 2007. PMID: 18187436
12. **Campbell WW**. Synergistic use of high-protein diets or nutritional supplements with resistance training to counter sarcopenia. *Nutr Rev* 65(9):416-422, 2007. PMID: 17958209
11. **Campbell WW**. *Exercise*. In: Present Knowledge in Nutrition, 9th edition. Editors: BA Bowman and RM Russell. International Life Sciences Institute Press, Washington, DC, 2006.
10. Castellanos VH, MD Litchford, **WW Campbell**. Modular protein supplements and their application to long-term care. *Nutr Clin Practice* 21:485-504, 2006. PMID: 16998147
9. Venderley AM and **Campbell WW**. Vegetarian diets: nutritional considerations for athletes. *Sports Medicine* 36(4):293-305, 2006. PMID: 16573356
8. **Campbell WW**, and RA Geik. Nutritional considerations for the older athlete. *Nutrition* 20:603-608, 2004. PMID: 15212741
7. Haub MD, **Campbell WW**. Multifarious health benefits of exercise and nutrition. In: Handbook of Nutrition in the Aged, 3rd edition, RR Watson, editor, CRC Press, Inc., Boca Raton, FL. 2000.
6. Evans WJ, **Campbell WW**. Exercise, ageing, and protein metabolism. *Diabetes Nutr Metab* 13(2):108-112, 2000.
5. **Campbell, WW**. Dietary protein requirements of older people: Is the RDA adequate? *Nutrition Today*, 31(5):192-197, 1996.
4. **Campbell, WW**, WJ Evans. Protein requirements of elderly people. *Eur J Clin Nutr* 50 (Suppl 1):S180-S185, 1996. PMID: 8641258
3. **Campbell WW**. Can resistance training maintain physical function? *Contemporary Internal Med*. 1994;6:26-35.
2. Evans WJ, and **Campbell WW**. Sarcopenia and age-related changes in body composition and functional capacity. *J Nutr*. 1993;123:465-468. PMID: 8429405
1. **Campbell WW**, and Anderson RA. Effects of aerobic exercise and training on the trace minerals chromium, zinc and copper. *Sports Med*. 1987;4:9-18. PMID: 3547541

Book Chapters

- Zhou J, Li J, **Campbell WW**. Vegetarian Athletes. Chapter 8 in *Nutrition and Enhanced Sports Performance: Muscle Building, Endurance, and Strength*, Second Edition. Bagchi D, Nair S, Sen CK, editors. Academic Press (Elsevier), Cambridge, Massachusetts. 2019
- O'Connor LE, **Campbell WW**. Nutritional composition and the value of pig meat. In: *Achieving sustainable production of pig meat Volume 1: Safety, quality and sustainability*. Alan Mathew, editor. Burleigh Dodds Science Publishing, Sawston, Cambridge, UK. 2018
- Campbell WW**, Weinheimer EM, Tang M. Protein Metabolism and Requirements. Chapter 2 in *Geriatric Nutrition: The Health Professional's Handbook*, 4th edition. Ronni Chernoff, editor. Jones and Bartlett Learning (publisher), Burlington, Massachusetts. 2014
- Zhou J, Li J, **Campbell WW**. Vegetarian Athletes. Chapter 10 in *Nutrition and Enhanced Sports Performance: Muscle Building, Endurance, and Strength*. Bagchi D, Nair S, Sen CK, editors. Academic Press (Elsevier), Waltham, Massachusetts. 2013
- Campbell WW**, NS Carnell, and AE Thalacker. Protein metabolism and requirements. Chapter 2 in *Geriatric Nutrition: The Health Professional's Handbook*, 3rd edition. Ronni Chernoff, editor. Jones and Bartlett Publishers, Inc., Sudbury, Massachusetts. 2006

Other published materials

- Campbell WW.** Animal-based and plant-based protein-rich foods and cardiovascular health: a complex conundrum. *Am J Clin Nutr.* 2019 Jun 4. pii: nqz074. doi: 10.1093/ajcn/nqz074. [Epub ahead of print]. Editorial.
- O'Connor LE and **Campbell WW.** Red meat and health: getting to the heart of the matter. *Nutrition Today* July/August 2017, 52(4):167-173.
- Note: This was the most used Nutrition Today article for continuing education tests in 2018 (1,228 CE tests)*
- Campbell WW.** Update on the new U.S. dietary standards. *Proc. Cornell Nutr. Conf. for Feed Manu.* East Syracuse, NY, pp. 185-187, 2015
- Anderson CAM and **Campbell WW.** 2015 Dietary Guidelines Advisory Committee report: a call for bold action to create a culture of health. *Nutrition Today* July/August 2015, 50(4):172-173.
- Igley HB and **WW Campbell.** High protein diets for older adults. *American College of Sports Medicine Fit Society* Page, Fall 2004 (www.acsm.org).
- Campbell WW.** Book review: *Nutrition for Sport and Exercise, 2nd edition.* *Am J Clin Nutr* 69:578-579, 1999.
- Lago D, Hansen P, Achterberg C, **Campbell W,** Smiciklas-Wright H, Davey S, Pearson J. *Well at Home* community development manual and video. Sponsored by the Pennsylvania Department of Health, Bureau of Preventive Health Programs, 1996.

Grantsmanship:

Guide for Grant Funding Information

1. Agency/Title of grant; 2. Duration of funding; 3. Total amount of award; 4. Role on project; 5. If Co-PI, for how much of the total funding are you responsible

Current Awards:

External:

1. National Institutes of Health, 1R01DK113957: Predicting health outcomes from Mediterranean diet via metabolomics of foods and biospecimens; 2. Five (5) years (06/09/2018 – 03/31/2023); 3. Total amount of award: \$3,225,141; 4. Co-Principal Investigator; 5. Purdue University sub-award \$206,040.

1. Mushroom Council: Nutrimetabolomics and human health promotion of mushrooms; 2. Two (2) years (09/15/2020 – 09/14/2022); 3. Total amount of award: \$562,690; 4. Principal Investigator; 5. NA.

1. Mushroom Council: Immunity, Inflammation, and Health Promotion of Mushrooms; 2. One (1) year (01/01/2021 – 09/14/2022); 3) \$91,940; 4: Principal Investigator; 5) NA

1. National Cattlemen's Beef Association: The influence of red meat intake on inflammation and immune response biomarkers in human adults; 2. One (1) year (01/01/2021 – 06/01/2022); 3. \$54,712; 4. Principal Investigator; 5. NA

1. Foundation for Meat & Poultry Research & Education: Effects of proportioning meats and plant-based protein-rich foods within the U.S. Healthy Eating Pattern on cardiovascular disease risk factors; 2) Two (2) years (04/01/2020 – 05/31/2022); 3) \$300,895; 4) Principal Investigator; 5) NA

1. Colorado State University, Subcontract of the National Cattlemen's Beef Association grant; Three (3) years (05/01/2019 – 8/31/2022; 3) \$162,171; 4) Co-Principal Investigator; 5) NA

1. National Cattlemen's Beef Association: Effect of incorporating lean beef into a protein-rich diet during resistance training program on skeletal muscle and connective tissue strength and quality in older women; 2. Two

(2) years (3/1/2020 - 8/31/2022); 3. Total amount of award: \$324,442; 4. Co-Principal Investigator; 5. Campbell Lab portion \$149,737.

1. U.S. Whey Protein Research Consortium: Whey protein supplementation effects on type 2 diabetes mellitus risk factors: systematic reviews of clinical trials; 2. One (1) year (5/10/2021 - 5/9/2022); 3. \$77,715; 4. Principal Investigator; 5. NA

Past Awards:

External:

1. National Pork Board and American Egg Board: Effects of consuming ounce equivalent portions of fresh pork versus nuts, beans, and eggs, as defined by the Dietary Guidelines for Americans on essential amino acid substrate availability for protein anabolism; 2. Three (3) years (08/01/2018 – 08/31/2021); 3. \$269,579; 4. Principal Investigator; 5. NA

1. National Cattlemen’s Beef Association: The effects of including beef in a plant-based eating pattern on cardiometabolic disease risk factors and overall consumer satisfaction; 2. Three (3) years (09/01/2018 – 09/30/2021); 3. \$204,370; 4. Principal Investigator; 5. NA

1. North Dakota Beef Commission, National Pork Board, and Foundation for Meat and Poultry Research and Education: Effects of consuming unprocessed and processed beef on the gut microbiome in young adults; 2. Three and one-half (3.5) years (01/01/2018 – 09/30/2021); 3. \$225,000; 4. Principal Investigator; 5. NA

1. Barilla Corporation: Effects of incorporating low glycemic refined grains into a Mediterranean-style dietary pattern on cardiometabolic and emotional well-being; 2. One and one-half (1.5) years (01/01/2018 – 12/01/2021); 3. \$873,561; 4. Principal Investigator; 5. NA

1. National Chicken Council: Nutritional composition, dietary intakes and human health effects of chicken meat; 2) One (1) year (11/01/2019 – 10/31/2021; 3) \$81,213; 4) Principal Investigator; 5) NA

1. University of Texas Medical Branch: A meal-based comparison of protein quality, complementary proteins and muscle anabolism; 2) Three (3) years (09/01/2018 – 03/31/2021; 3) \$12,347; 4) Co-Investigator; 5) \$12,347

1. National Cattlemen’s Beef Association: Dietary meat and cardiovascular disease: An Assessment of Causality; 2. 10 months (02/06/2019 – 12/31/2019; 3. \$54,486; 4. Principal Investigator; 5. NA

1. National Pork Board: Effects of red meat on type 2 diabetes risk factors and markers of chronic inflammation: A systematic review and meta-analysis of randomized controlled trials; 2. One (1) year (05/01/2018-04/30/2019); 3. \$48,074; 4. Principal Investigator; 5. NA

1. National Cattlemen’s Beef Association and American Egg Board: Effects of higher consumption of protein-rich animal foods with the USDA Healthy U.S.-Style Eating Pattern on sleep quality and cardio-metabolic health in overweight/obese adults during diet-induced weight loss; 2. Two (2) years (01/2017 – 01/2019); 3. Total amount of award: \$359,838; 4. Principal Investigator; 5. NA

1. American Egg Board: Effects of an egg-based high protein meal on vasodilation and vasoconstriction-related biomarkers during acute exercise-induced hypertension; 2) One (1) year (09/01/2017 – 08/31/2018); 3. Total amount of award: \$20,000; 4. Principal Investigator; 5. NA

1. National Cattlemen's Beef Association: Dietary red meat - definitions and intakes in America; 2. One (1) year (01/2017 – 10/2017); 3. Total amount of award: \$20,000; 4. Principal Investigator; 5. NA

1. National Dairy Council: Effect of whey protein supplementation on body composition in adult women: systematic review and meta-analysis of literature; 2) one (1) year (10/2016-9/2017); 3) \$65,000; 4) Principal Investigator; 5) NA

1. American Egg Board: Acute effect of an egg-based high protein meal on the hypertensive response to exercise; 2) One (1) year (07/2016 – 07/2017); 3. Total amount of award: \$20,000; 4. Principal Investigator; 5. NA

1. American Egg Board: Effects of dietary protein patterning on weight loss and resistance training-induced changes in body composition, skeletal muscle, and indices of metabolic syndrome; 2. Four (4) years (2013-2016); 3. Total amount of award: \$90,000; 4. Principal Investigator; 5. NA

1. American Egg Board: Effects of egg consumption on carotenoid absorption from co-consumed, non-egg products; 2. Four (4) years (2013-2016); 3. Total amount of award: \$204,979; 4. Principal Investigator; 5. NA

1. Egg Nutrition Center, The Impact of egg consumption on carotenoid and vitamin D bioavailability in pre- and post-menopausal women; 2. Three (3) years (2015-2017); 3. Total amount of award \$150,000; 4. Principal Investigator; 5. NA

1. National Cattlemen's Beef Association: Effects of incorporating red meat into a Mediterranean-style dietary pattern on cardiometabolic and emotional well-being; 2. Three (3) years (2015-2017); 3. Total amount of award \$333,775; 4. Principal Investigator; 5. NA

1. National Pork Board: Effects of incorporating red meat into a Mediterranean-style dietary pattern on cardiometabolic and emotional well-being; 2. Three (3) years (2015-2017); 3. Total amount of award \$50,000; 4. Principal Investigator; 5. NA

1. The National Institute of Food and Agriculture (NIFA), USDA Predoctoral Fellowship training grant entitled, 'Interdepartmental Nutrition Program at Purdue Fellowship Application in the Discipline of Human Nutrition and the Area of Obesity and Diet' (Award Number: 2011-38420-20038, ASAP Account Number: 38420200383842010000; 2. Five (5) years (2011-2015); 3. Total amount of award: \$234,000; 4. Principal Investigator; 5. NA

1. National Pork Board: Effects of pork vs. chicken/fish in a DASH diet on blood pressure regulation in older adults with hypertension; 2. Five (5) years (2011-2015); 3. Total amount of award: \$110,701; 4. Principal Investigator; 5. NA

1. The Egg Nutrition Center: Relative effects of chronic consumption of egg protein at breakfast with and without fiber on brain neural activation, appetite, glycemic and lipemic control and self-selected energy intake; 2. Four (4) years (2012-2015); 3. Total amount of award: \$215,231; 4. Principal Investigator; 5. NA

1. Dairy Research Institute: Impact of fluid milk on post-meal glycemia and insulinemia in overweight/obese adults with normal or impaired glucose tolerance or type 2 diabetes; 2. Three (3) years (2013-2015); 3. Total amount of award: \$460,391; 4. Principal Investigator; 5. NA

1. National Cattlemen's Beef Association: Effects of dietary protein patterning on weight loss and resistance training-induced changes in body composition, skeletal muscle, and indices of metabolic syndrome; 2. Three (3) years (2013-2015); 3. Total amount of award: \$90,000; 4. Principal Investigator; 5. NA

1. National Pork Board: Effects of dietary protein patterning on weight loss and resistance training-induced changes in body composition, skeletal muscle, and indices of metabolic syndrome; 2. Three (3) years (2013-2015); 3. Total amount of award: \$135,700; 4. Principal Investigator; 5. NA

1. Ingredient: Effects of Resistant Starch on Post-prandial Glycemic and Insulinemic Responses; 2. Two (2) year (2013-2014); 3. Total amount of award: \$246,865; 4. Principal Investigator; 5. NA

1. Dairy Management, Inc: Effects of dietary protein patterning on weight loss and resistance training-induced changes in body composition, skeletal muscle, and indices of metabolic syndrome; 2. Three (3) years (2013-2015); 3. Total amount of award: \$90,000; 4. Principal Investigator; 5. NA

1. Indiana University/NIH: Indiana Clinical & Translational Science Institute; 2. Seven (7) years (2008-2015); 3. Total amount of award: \$806,728 per year; 4. Co-Investigator; 5. \$339,889/year

1. Dairy Research Institute: Dietary Protein Intake and Source and Body Composition in US Adults Aged 50 and Older; 2. Two (2) years (2014-2016); 3. Total amount of award: \$60,000; 4. Principal Investigator; 5. NA

1. The Dairy Research Institute: Effects of milk protein concentrate on blood pressure, inflammation, muscle composition, and metabolic health in overweight/obese adults; 2. Three (3) years (2011-2014); 3. Total amount of award: \$630,797; 4. Principal Investigator; 5. NA

1. American Egg Board: Effect of Increased Protein Intake on Systemic Inflammation, Metabolic Health and Whole Muscle Outcomes in Overweight/obese older adults; 2. Two (2) years (2011-2012); 3. Total amount of award: \$199,995; 4. Principal Investigator; 5. NA

1. American Egg Board: Effect of Increased, Egg-based Protein Intake on Muscle Composition, Metabolic Health and Systemic Inflammation in Obese, Older Adults; 2. Three (3) years (2011-2013) Total amount of award: \$164,855; 4. Principal Investigator; 5. NA

1. National Pork Board and National Cattlemen's Beef Association: Increased protein intakes from predominantly meat versus soy protein/pulses-based foods: effects on daily and postprandial appetite during energy restriction-induced weight loss; 2. Three (3) years (2009-2011); 3. Total amount of award: \$214,228; 4. Principal Investigator; 5. NA

1. National Institute of Health 1 R01 AG021911-01A2: Food Rheology and Exercise in Aging Humans; 2. Eight (8) years (2005-2012, includes 2-year no-cost extension); 3. Total amount of award: \$1,561,393; 4. Principal Investigator; 5. NA; This grant includes \$121,322 awarded as a 3-year Diversity Supplement to support April Stull.

1. US Whey Consortium: Influences of whey protein on body composition, glucose metabolism, and appetite in middle-aged adults at risk for the metabolic syndrome; 2). Five (5) years (2007-2011, includes 1.5-year no-cost extension); 3. \$1,137,251; 4. Principal Investigator; 5. NA

1. United States Department of Agriculture 07-51110-03804 (PI: C. Santerre) Fish Consumption That Will Reduce Mercury Intake While Optimizing Long-Chain Omega-3 Fatty Acid Intake; 2. Four (4) years (2007 – 2010); 3. \$599,972; 4. Co-investigator; 5. \$73,175.

1. United State Department of Agriculture 08-35200-18707 (PI: M. Ferruzzi) Dietary Lipid as Primary Modulator of Carotenoid Bioavailability from Vegetables; 2. Four (4) years (2007 – 2010); 3. \$494,590; 4. Co-investigator; 5. \$199,899.

1. National Institutes of Health 1 UL1 RR025761-01: Indiana Clinical and Translational Science Institute; 2. Six (6) years (2008-2013); 3. Total amount of award \$4,233,755; 4. Co-investigator and Director of the Indiana Clinical Research Center and Bionutrition Core at Purdue University; 5. \$1,255,870.

1. National Institutes of Health 1T32AG025671-01A2 (PI: K Ferraro) Interdisciplinary Research on Aging and the Life Course; 2. Three (3) years (2009-2011); 3. \$352,000; 4. Co-investigator, Faculty Trainer; 5. NA

1. National Pork Board and American Egg Board: Protein intake, weight loss, meal patterning, and appetite in overweight men; 2. Two (2) years (2006-2009); 3. \$300,000; 4. Principal Investigator; 5. NA

1. National Institutes of Health 1 R01 DK063185-01A2: Food Rheology and Feeding in Lean and Obese Humans; 2. Five (5) years (2004-2008); 3. \$987,368; 4. Co-investigator; 5. unknown

1. National Institute of Health 1 R01 DK066108-01A1: Calcium, dairy and body fat in adolescents; 2. Four (4) years (2004-2007); 3. \$1,283,915; 4. Co-Investigator; 5. unknown

1. Dairy Management, Inc.: Calcium, dairy, and body fat in adolescents; 2. Four (4) years (2004-2007); 3. \$226,630; 4. Co-Investigator; 5. unknown

1. National Pork Board: Dietary pork, appetite and weight loss in humans; 2. Four (4) years (2004-2007, includes 1-year no-cost extension); 3. \$268,466; 4. Principal Investigator; 5. NA

1. Army Natick Research and Development Laboratory: Testing of slow energy release foods in humans for improved activity levels; 2. Three (3) years (2005-2007); 3. \$249,357; 4. Principal Investigator; 5. NA

1. United States Department of Agriculture 03-35200-13779: Dietary protein intake and muscle gene expression; 2. Four (4) years (2003-2006, includes 1-year no-cost extension); 3. \$299,517; 4. Principal Investigator; 5. NA

1. National Cattlemen's Beef Association: Beef intake, weight loss and bone mineral density in postmenopausal women; 2. One (1) year (2005); 3. \$39,050; 4. Principal Investigator; 5. NA

1. National Institutes of Health R03 AG022185: Physical Activity and Toll-like Receptor 4; 2. Two (2) years (2003-2004); 3. \$72,921; 4. Co-investigator; 5. \$18,230

1. American Heart Association 0350612Z: Physical Activity and Toll-like Receptor 4; 2. Three (3) years (2003-2005 includes 1-year no-cost extension); 3. \$110,000; 4. Co-investigator (PI, Michael Flynn, Ph.D.); 5. \$27,500

1. National Cattlemen's Beef Association: Effect of dietary beef on weight loss-induced changes in immune function, indicators of zinc and iron status, and body composition, in older women; 2. Three (3) years (2001-2003); 3. \$190,000; 4. Principal Investigator; 5. NA

1. American Egg Board: Protein intake, resistive training, and muscle size in older people; 2. Four (4) years (2002-2005; includes 1-year no-cost extension); 3. \$197,810; 4. Principal Investigator; 5. NA

1. National Institutes of Health, Purdue University Botanicals Research Center: Pilot Research Grant: Pinitol supplementation in humans: effects on blood and urine inositol concentrations and whole-body and muscle glucose metabolism; 2. Two (2) year (2002-2003); 3. \$46,600; 4. Principal Investigator; 5. NA

1. United States Department of Agriculture 1998-35200-11579: Do elderly women have a higher protein requirement than young women?; 2. Four (4) years (1998-2001) Extended to 2002; 3. 151,000; 4. Principal Investigator; 5. NA

1. National Institutes of Health 1 R01 AG15750: Dietary protein requirements of elderly men and women; 2. Five (5) years (1999-2003); 3. \$1,218,612; 4. Principal Investigator; 5. NA

1. National Institutes of Health 1 R29 AG13409: Weight loss and resistance training in older women; 2. Six (6) years (1996-2001); 3. \$498,470; 4. Principal Investigator; 5. NA

1. National Cattlemen's Beef Association: Effect of dietary beef on resistance training-induced changes in body composition and muscle size of older men; 2. Two (2) years (1998-1999); 3. \$115,462; 4. Principal Investigator; 5. NA

1. National Institutes of Health 1 RO1 AG11811: Protein, energy and exercise: effects on senescent muscle; 2. Six (6) years (1993-1998); 3. \$659,805; 4. Project manager (WJ Evans, PI); 5. unknown

1. Nutrition 21 (San Diego, CA): Chromium Supplementation and Resistance Training Effects on Body Composition and Glucose Metabolism in Older Men and Women; 2. Two (2) years (1995-1996); 3. \$90,000; 4. Principal Investigator; 5. NA

1. Pennsylvania Department of Public Health ME 94-315: Health Promotion Among the Old: Increasing Physical Activity and Good Nutrition Among the Rural Elderly; 2. Two (2) year (1995-1996); 3. \$150,000; 4. Co-investigator; 5. \$10,000

1. Kraft General Foods Predoctoral Fellowship: Protein requirements during progressive resistance training in older subjects; 2. One (1) year; 3. \$5,000; 4. Principal Investigator; 5. NA

Teaching Experience:

Courses:

2000-present	Instructor, Topics in Nutrition, Fitness and Health (NUTR 48800, Fall and Spring semesters, 3 credits), Department of Nutrition Science, Purdue University.
2016-2020	Instructor, Undergraduate Seminar in Foods and Nutrition (NUTR 495, Spring semesters, 1 credit), Department of Nutrition Sciences, Purdue University.
2016	Co-coordinator, Special Topics in Ingestive Behavior: Sleep Quality, Diet and Health (NUTR 61600, 3 credits)
2016	Instructor, Undergraduate Seminar in Foods and Nutrition (NUTR 49500, Spring semesters, 1 credit)
2014, 2018/19	Co-coordinator, Interdepartmental Nutrition Program seminar (NUTR 695, 0/1 credit)
2011	Co-Instructor, Diet Selection and Planning (F&N 330, Fall semester, 3 credits)
2006-2012	Instructor, Geriatric Nutrition (F&N 580, Spring semester, 2 credits)
2005-2006	Co-instructor, Ingestive Behavior Research Seminar (F&N 590f, Fall Semester, 1 credit)
2001-2005	Co-instructor, Geriatric Nutrition (F&N 580, Spring semester).
2000-2001	Co-Instructor, Practicum in Nutrition, Fitness, and Health (F&N 415, Fall and Spring semesters), Department of Foods and Nutrition, Purdue University.

- 1999 Co-instructor, Nutrition in Health, Wellness and Sports (graduate course, Spring semester), Department of Dietetics and Nutrition, the University of Arkansas for Medical Sciences, Little Rock, AR.
- 1996 Instructor, Graduate Independent Study course, Protein Metabolism (Spring semester), Kinesiology Department, The Pennsylvania State University, University Park, PA.
- 1991 Teaching Assistant, Exercise Physiology (graduate course, Spring semester), Tufts University School of Nutrition Science and Policy, Boston, MA.
- 1987 Teaching Assistant, Vitamin Nutrition and Metabolism (graduate course, Spring semester) Nutritional Science Program, University of Maryland, College Park, MD.
- 1984 Teaching Assistant, Introduction to Chemistry (Fall semester), Chemistry Department, University of Maryland, College Park, MD.
- 1983-1984 Teaching Assistant, Nutrition in Nursing (Fall and Spring semesters), Department of Food and Nutrition, University of Delaware, Newark, DE.

Class Lectures:

- Fall 2020 Lecture on Dietary Guidelines in NUTR 590 (Food Policy).
- Fall 2016 - 2019 Lecture on Dietary Guidelines in NUTR 105.
- April 2016 Presented two lectures on Appetite, Exercise and Aging in HK46900: Exercise Testing and Prescription for Special Populations (April 25 and 27)
- Nov. 2015 Lecture on Diet and Weight Loss to NUTR 61200 obesity class fall
- June 2015 Presented lecture to students in NUTR 330, Diet Selection and Planning. Topic: 2015 Dietary Guidelines.
- March 2012 IBRC Special Topics Course. Coordinated 4-week discussion on appetite and the brain and hosted Prof. Tim Moran for IBRC/INP seminar April 6, 2012.
- 4/27/11 Presented lecture to students in Introduction to Nutrition (F&N 315). Topic: Nutrition and Aging.
- Fall 2005 – 2014 Presented lecture to students in Human Obesity course (F&N 590O). Topic: Energy Expenditure (Bi-annual)
- Fall 2005 - 2014 Presented lecture to students in F&N 105. Topic: Diet, Exercise, and Health.
- 4/19/06 Presented lecture to students in Research Seminar on Aging and the Lifecourse (SOC 677). Topic: Integrative Research in Nutrition, Exercise, and Aging.
- 2/8/05 Presented lecture to students in Research Seminar on Aging and the Lifecourse. Topic: “Macronutrient intake and food rheology: effects on appetite, food intake, glucose metabolism, and body composition.”
- 11/20/03 Presented lecture to students in Interdisciplinary Perspectives in Aging course. Topic: “Nutrition and Exercise to Counteract Sarcopenia.”
- 3/27/02 Presented lecture to students in F&N 580. Topic: Countermeasures to Sarcopenia.
- 3/25/02 Presented lecture to students in F&N 580. Topic: Sarcopenia.
- 3/22/02-2009 Presented lecture to students in HPER 422. Topic: Body composition techniques. This lab-based class is repeated each fall and spring semester.
- 2/25/02 Presented lecture to students in HPER 422. Topic: Use of the Muscle Biopsy Technique in Human Clinical Research.
- 2/13/02 Presented lecture to F&N 580 Nutrition & Aging class. Topic: Dietary energy and protein in aging.
- 4/19/01 Presented tour of Stone Hall clinical research lab and scientific lecture on body composition assessment methods to students in HPER 422, Design and analysis of adult fitness programs, Purdue University.
- 2/7/00 Presented tour and scientific lecture at the UAMS Nutrition, Metabolism and Exercise Laboratory to the UAMS dietetic internship students.
- 10-5-98 UAMS, graduate *Nutrition and Metabolism: Macronutrients* course, Department of Dietetics and Nutrition. Lecture topic: *Carbohydrate Metabolism*.

- 9-10-98 UAMS, graduate *Assessment of Nutritional Status* course, Department of Dietetics and Nutrition. Lecture topic: *Body composition techniques and methods of assessment*.
- 6-24-98 Presented scientific discussion and tour of Nutrition, Metabolism and Exercise Laboratory to University of Central Arkansas Dietetics intern students.
- 9/1997 UAMS, graduate Nutrition Assessment course, Department of Dietetics and Nutrition. Lecture topic: *Body composition techniques and methods of assessment*.
- 2/1997 The Pennsylvania State University, graduate course in 'Exercise, Nutrition, and Health.' Lecture topic: *Protein metabolism and Exercise*.
- 10/1994 The Pennsylvania State University, graduate course in 'Advanced Exercise Physiology.' Lecture topic: *Effects of acute exercise on thermogenesis and energy requirements*. Lecture repeated 4/1997.
- 12/1992 Tufts University, graduate course in 'Proteins and Carbohydrates.' Lecture topic: *In vivo measurements of protein turnover using stable isotopes*.

Student Mentoring:

Post-graduate Research Associates (8 total)

- Robert Bergia, PhD May 2020 – July 2021. Current Position: Research Scientist, Archer-Daniels-Midland Company, Peoria, IL
- Joshua Hudson, PhD August 2018 – December 2019. Current Position: Postdoctoral Fellow, Department of Pediatrics, College of Medicine, University of Arkansas for Medical Sciences, Arkansas Children's Nutrition Center, Little Rock, AR.
- Jung Eun Kim, PhD, RD October 2012 – July 2017. Current Position: Assistant Professor, Department of Chemistry, Food Science & Technology Programme, National University of Singapore.
- Travis Conley, PhD. September 2008 – September 2012. Current Position: Clinical Trial Manager, Pharmaceutical Product Development, LLC.
- Cheryl Armstrong, PhD, RD. March 2008 – September 2011. Current Position: Assistant Professor of Nutrition and Dietetics, School of Health & Rehabilitation Sciences, Indiana University-Purdue University Indianapolis, Indianapolis, IN.
- Heather Leidy, Ph.D. March 2005-December 2007. Current Position: Associate Professor of Pediatrics, Department of Nutritional Sciences, Department of Pediatrics, The University of Texas at Austin, Austin, TX.
- Brian K. McFarlin, Ph.D. January 2004-June 2004. Current Position: Associate Dean for Undergraduate Studies, Professor, Kinesiology, Health Promotion, and Recreation, Director, Applied Physiology Laboratory, College of Education, University of North Texas, Denton, TX.
- Mark D. Haub, Ph.D. July 1998-August 2000. Current position: Professor, Department of Food, Nutrition, Dietetics and Health, Kansas State University, Manhattan, KS.

Doctor of Philosophy Mentor (16 graduated and 4 current)

- Gretchen Wiese Ph.D. 8/20-5/21 Discontinued. Dept. Nutrition Science, Purdue University
- Cassi Uffelman Ph.D. 8/19-present Dept. Nutrition Science, Purdue University
- Gavin Connolly Ph.D. 8/18-present Dept. Nutrition Science, Purdue University
- Erica Hill Ph.D. 8/18-present Dept. Nutrition Science, Purdue University
- Yu Wang Ph.D. 8/17-present Dept. Nutrition Science, Purdue University
- Robert Bergia, III Ph.D. 8/15-5/20 Dept. Nutrition Science, Purdue University
Graduation, May, 2020, with dual-title degree in Nutrition Science and Gerontology.
Dissertation: *Relations and effects of dietary protein and body composition on cardiometabolic health*
- Lauren O'Connor Ph.D. 8/14-5/18 Dept. Nutrition Science, Purdue University
Graduate, August, 2018, with degree in Nutrition Science and Area of Specialization in Ingestive Behavior.

- Joshua Hudson Ph.D. 8/14-5/18 Dept. Nutrition Science, Purdue University
Dissertation: *The effects of consuming red meat on indexes of cardiometabolic health and personal well-being*
Graduate, August, 2018, with degree in Nutrition Science and Area of Specialization in Ingestive Behavior.
Dissertation: *Effects of within-day dietary protein distribution on changes in plasma amino acid concentrations and body composition*
- Christian Wright Ph.D. 8/12-8/17 Dept. Nutrition Science, Purdue University
Graduate, August, 2017, with degree in Nutrition Science and Area of Specialization in Ingestive Behavior.
Dissertation: *The effect of dietary protein on bone health in overweight and obese adults during energy restriction.*
- Akua Amankwaah Ph.D. 8/11-8/17 Dept. Nutrition Science, Purdue University
Graduate, August, 2017, with degree in Nutrition Science and Area of Specialization in Ingestive Behavior.
Dissertation: *Dietary macronutrient intake and changes in body composition: impact on indices of cardio-metabolic health in overweight/obese adults.*
- Jia Li Ph.D. 8/12-8/17 Dept. Nutrition Science, Purdue University
Graduate, August, 2017, with degree in Nutrition Science and Area of Specialization in Statistics.
Dissertation: *Understanding the effects of carbohydrate type and amount of intake on glucose homeostasis.*
- Susan Komanetsky Ph.D. 8/11-8/17 Dept. Nutrition Science, Purdue University
Co-mentor with Kee-Hong Kim, Ph.D. Associate Professor, Department of Food Science.
Graduate, August, 2017, with degree in Nutrition Science.
Dissertation: *Effects of methylglyoxal on adipocyte metabolism: cellular adaptation to a high glycemic environment.*
- Jing Zhou Ph.D. 8/10-5/16 Dept. Nutrition Science, Purdue University
Graduate, May, 2016, with degree in Nutrition Science and Area of Specialization in Statistics.
Dissertation: *Higher protein intake with energy restriction in overweight/obese adults: effects on body composition, metabolic health, and indices of sleep.*
- Richard (Drew) Sayer Ph.D. 8/11-12/15 Dept. Nutrition Science, Purdue University
Graduate, December, 2015, with degree in Nutrition Science and Area of Specialization in Ingestive Behavior.
Dissertation: *Dietary and exercise effects on neural responses to visual food stimuli in overweight and obese adults.*
- Minghua Tang Ph.D. 8/07-5/12 Dept. Nutrition Science, Purdue University
Graduate, May 2012, with degree in Nutrition Science, with a graduate certificate in applied statistics
Dissertation: *Dietary protein needs of octogenarian women and effects on body composition and health in adults with weight loss.*
- Eileen Weinheimer Ph.D. 8/06-5/11 Dept. Foods & Nutrition, Purdue University
Graduate, May 2011, with degree in Foods and Nutrition, and minor in Gerontology.
Dissertation: *Effects of whey protein supplements and exercise training on body composition and indices of metabolic syndrome in middle-aged overweight and obese adults.*
- John Apolzan Ph.D. 8/03-5/09 Dept. Foods & Nutrition, Purdue University
Graduate, May 2009, with degree in Foods and Nutrition, minor in Gerontology, and Area of Specialization in Ingestive Behavior.
Dissertation: *The effects of exercise training status on appetitive, metabolic, and endocrine responses in older adults.*
- Anna Thalacker-Mercer Ph.D. 8/02-8/07 Dept. Foods & Nutrition, Purdue University
Graduate, August, 2007, with degree in Foods and Nutrition
Dissertation: *The effects of dietary protein and age on albumin and the skeletal muscle transcript profile.*
- April Stull Ph.D. 8/02-8/07 Dept. Foods & Nutrition, Purdue University
Graduate, August, 2007, with degree in Foods and Nutrition and minor in Gerontology
Dissertation: *Relationships among inositols, glucose tolerance, insulin sensitivity, and tyrosine phosphorylation of the insulin receptor.*
- Anne Mahon Ph.D. 3/03-8/06 Dept. Foods & Nutrition, Purdue University

Graduate, August, 2006, with degree in Foods and Nutrition
Dissertation: *Moderate protein intake: effects on body composition and metabolic risk factors and comparison of body composition assessment methods.*

Heidi Iglay Ph.D. 8/01-5/06 Dept. Foods & Nutrition, Purdue University
Graduate, May 2006, with dual-title degree in Foods and Nutrition/Gerontology.
Dissertation: *The influence of protein intake during resistance training on body composition and glucose metabolism in older men and women.*

Master of Science Mentor (5 total)

Caroline Clark 8/18-5/21 Master of Science, Dept. Nutrition Science, Purdue University
Thesis: *Poultry consumption and human health: How much is really known? A systematically searched scoping review and research perspective.*

Vanessa Kobza Master of Science, Foods and Nutrition, Purdue University.
Graduate, August 2011.
Thesis: *Association of plasma 25-hydroxyvitamin D with indices of glucose tolerance and metabolic syndrome in middle-aged and older adults.*

Hannah Morse Master of Science, Clinical Nutrition, University of Arkansas for Medical Sciences,
Graduate, December 1999.
Thesis: *Do elderly women have a higher protein allowance than that of the Recommended Dietary Allowance?*

Amanda Wells Master of Science, Clinical Nutrition, University of Arkansas for Medical Sciences,
Graduate, May 2000.
Thesis: *Iron status and iron bioavailability of older men during resistance training: beef containing vs. lacto-ovo vegetarian diets.*

Laura E. Murray Master of Science, The Graduate Program in Nutrition. The Pennsylvania State University,
Graduate, May 1998.
Thesis: *Effects of resistance training and dietary intake on the iron status of older men and women."*

Doctorate Dissertation Committee

Monica Ramakrishnan Ph.D., Fall 2018 – present

Evan Reister Ph.D., Nutrition Science, Purdue University, Graduation: May 2021

Ethan Braun Ph.D., Nutrition Science, Purdue University, Graduation: Discontinued INP: March 2019

Steve Douglas Ph.D., Nutrition Science, Purdue University, Graduation: May 2019

Jessica Gwin Ph.D., Nutrition Science, Purdue University, Graduation: May 2018

Mary Brauchla Ph.D., Nutrition Science, Purdue University, Graduation: August 2015

Katherine Osei-Boadi Ph.D., Nutrition Science, Purdue University, Graduation: May 2014

Shellen Goltz Ph.D., Food Science, Purdue University, Graduation: May 2012

Tusarebecca Schap Ph.D., Nutrition Science, Purdue University, Graduation: May 2012

Kara Egan Ph.D., Nutrition Science, Purdue University

Heather Hutchins Ph.D., Nutrition Science, Purdue University, Graduation: August 2011

Melissa Markofski Ph.D., Health and Kinesiology, Purdue University. Graduation: May 2010

Amy Devitt-Maicher Ph.D., Foods and Nutrition, Purdue University. Graduation: May 2006

Craig Johnson Ph.D., Statistics, Purdue University, Graduation: May 2004

Brian McFarlin Ph.D., Health and Kinesiology, Purdue University. Graduation: December 2003

Thomas Tittelbach Ph.D, Foods and Nutrition, Purdue University. Graduation: August 2001

Laura Gerace Ph.D., Graduate Program in Nutrition. Graduation: December 1998

Lyndon J.O. Joseph Ph.D., Graduate Program in Physiology. Graduation: December 1999

Master of Science Thesis Committee

James Foster Master of Science, Nutrition Science, Graduation, 05/2022 (pending)

Anna Barker	Master of Science, Health and Kinesiology, Graduation, 05/2022
Kassidy Sharp	Master of Science, Nutrition Science, Graduation, 05/2020
Wei-Chieh Mu	Master of Science, Nutrition Science, Purdue University, Graduation, 8/2017
Kelly Wagner	Master of Science, Nutrition Science, Purdue University, Graduation, 8/2015
Xin Yang	Master of Science, Animal Science, Purdue University, Graduation, 12/2014
Weston Brander	Master of Science, Health Sciences, Purdue University, Graduation, 05/2013
Alicia Stube	Master of Science, Food Science, Purdue University. Graduation, 12/2010
Rajni Singh	Master of Science, Foods and Nutrition, Purdue University. Graduation, 5/2008
Angela Kohurt	Master of Science, Food Science, Purdue University. Graduation: 8/2007
Marvin Barton	Master of Science, Graduate Program in Nutrition, The Pennsylvania State University. Graduation: 12/1997
James Waara	Master of Science, Graduate Program in Nutrition, The Pennsylvania State University. Graduation: 8/1997

Undergraduate Honors (24 total)

Chloe Garrett	Fall 2022-present
Jessica Patterson	Spring 2021-present
Jane Hennessy	BS in Human Nutrition and Dietetics, University of Dublin, Ireland, spring 2017. Thesis: <i>Adopting, abandoning and re-adopting healthy eating patterns send cardiovascular risk factors on a rollercoaster ride.</i>
Lexie Buchs	BS (Dietetics), Dept. Nutrition Science, Graduation May 2015 Thesis: <i>Effects of dietary protein and aerobic exercise on functional connectivity in brain reward centers: a resting-state fMRI study.</i>
Kristin Clark	BS (Dietetics), Dept. Nutrition Science, Graduation May 2014 Thesis: <i>Effects of whey protein supplementation on dietary compensation and muscle energetics in elderly adults</i>
Kathryn Sands	BS (Nutrition Science), Dept. Nutrition Science, Graduation May 2013 Thesis: <i>Effects of short-term protein supplementation on muscle work efficiency in elderly adults</i>
Anne Langan	BS in Human Nutrition and Dietetics, University of Dublin, Ireland, spring 2013. Thesis: <i>Effects of beverage vs. solid nutritional supplements and resistance exercise training on appetite, dietary intake, body mass and body composition in older adults.</i>
Amy Craddock	BS in Human Nutrition and Dietetics, University of Dublin, Ireland, fall 2012. Thesis: <i>Thyroid status, insulin sensitivity and glucose tolerance in overweight and obese adults: a 36-week exercise intervention</i>
Jacqueline Hogan	BS, Dept. Nutrition Science, May 2012 Thesis: <i>Effect of protein source (animal versus vegetable) and quantity on indices of mood, tryptophan and large neutral amino acids</i>
Hailey Wilson	BS, Dept. Nutrition Science, May 2012 <i>The effects of quantity and source of protein on postprandial appetite and plasma amino acid profile</i>
Aoibheann Mcmorrow	BS in Human Nutrition and Dietetics, University of Dublin, Ireland, fall 2010. Thesis: <i>The effect of whey protein supplementation in conjunction with exercise training on bone mineral density and bone mineral content in overweight and obese middle-aged adults</i>
Bláthnaid O'Connell	BS in Human Nutrition and Dietetics, University of Dublin, Ireland, fall 2009. Thesis: <i>Water turnover assessment in overweight adolescents.</i>
Sarah Thomas	Dept. Foods and Nutrition, Graduation May 2009. Thesis: <i>Effects of dietary protein and meal frequency on appetite during weight loss.</i>
Derek Laan	Dept. Foods and Nutrition, Graduation May 2009.

- Fiona Byrne Thesis: *Effects of aerobic and resistance exercise on appetite and energy intake in young physically active adults.*
BS in Human Nutrition and Dietetics, University of Dublin, Ireland, fall 2008.
Thesis: *Aerobic and resistance exercise: acute effects on appetite and energy intake in younger and older adults*
- Amanda Sands BS with highest distinction in Nutrition Science, Graduation May 2008.
Thesis: *Consumption of the slow digesting waxy maize leads to blunted plasma glucose and insulin response but does not influence energy expenditure or appetite.*
- Nisha Metha School of Management, Graduation August 2006
Thesis: *Effects of dietary macronutrient distribution on postprandial appetite and endocrine responses in overweight women during weight loss.*
- Stephanie Teiken BS with highest distinction in Neurobiology and Physiology, Dept Biology, Graduation May 2006
Thesis: *Effects of isoenergetic solid vs. liquid meal-replacements on hunger, satiety, and appetite hormones in older adults.*
- Megan Diaz BS with highest distinction in Dietetics and Nutrition, Fitness and Health, Dept Foods & Nutrition, Graduation May 2006.
Thesis: *Chromium picolinate and conjugated linoleic acid: effects on diet and exercise-induced changes in metabolic and cardiovascular health indexes in overweight women.*
- Karina Bolaños BS in Dietetics and Nutrition, Fitness and Health, Dept. Foods & Nutrition. Graduation December, 2004
Thesis: *Effects of dietary protein quantity and source during weight loss on appetite and perceptions of well-being in postmenopausal women.*
- Mandi Bossingham BS with highest distinction in Dietetics and Nutrition, Fitness and Health, Dept. Foods & Nutrition. Graduation May 2004.
Thesis: *Influence of age and sex on hydration status in humans.*
- Sandy Sun Bachelor of Science in Nutrition, The Schreyer Honors College. The Pennsylvania State University. Graduation: May, 1997.
Thesis: "Energy requirements of elderly women."
- Zackary Taylor Dept. Kinesiology, The Pennsylvania State University, Spring 1997
Project: "Effect of food intake on body density measured by hydrostatic weighing."
- Stephanie J. Teets The Pennsylvania State University Scholars Program, Kinesiology.
Graduation: May, 1996.
Thesis: "Examination of glucose metabolism, insulin sensitivity, and resistance training."

Research Internship Students

- Ashley Karshen March/April 2012, Engagement rotation for Coor. Prog. in Diet., Purdue University
- Justin Spraglin Summer 2009. Summer Research Opportunity Program, Purdue University
- Kyle Summer Summer/Fall 2008. Dept. Health & Kinesiology Intern, Purdue University
- Stephanie Tieken Summer 2005, Howard Hughes Undergraduate Fellow, Purdue University
- Rebecca Schuster Summer 2004, Howard Hughes Undergraduate Fellow, Purdue University
- Randon Hall Summer 2003, MARC/AIM Summer Research student at Purdue University
- Jeremy Hinton Summer 2000, Medicine, University of Arkansas for Medical Sciences
- Jody Engel Spring 1999, Kinesiology, University of Central Arkansas
- Amanda Wells Fall 1998, Spring 1999, Clinical Nutrition, University of Arkansas for Medical Sciences
- Sandy Sun Howard Hughes Summer Undergraduate Research Fellowships Program, 1997
- Keisha Monderson Spring 1996, Exercise and Sport Science, The Pennsylvania State University
- Michelle Anderson Fall 1996, Kinesiology, The Pennsylvania State University

Independent Study Students

- Anna Garrison Spring 2021, Dept. Nutrition Science, Purdue University

Jennifer McCane	Spring 2005, Dept. Foods & Nutrition, Purdue University
Angie Venderley	Spring 2004, Dept. Foods & Nutrition, Purdue University
Natalie Cox	Spring 2003, Dept. Foods & Nutrition, Purdue University
Hannah Morse	Summer&Fall 1998, Clinical Nutrition, University of Arkansas for Medical Sciences
Christopher P. Speck	Spring 1995. Exercise Science, The Pennsylvania State University
Samir M. Parekh	Fall 1994, Spring 1995. Nutrition, The Pennsylvania State University
Marlene Sorg	Spring 1996, Exercise Science, The Pennsylvania State University
Deborah Welsby	Spring 1996, Exercise Science, The Pennsylvania State University
Clancy Cash	Fall 1996, Nutrition, The Pennsylvania State University
Sharon Weisenstein	Fall 1996, Spring 1997, Nutrition, The Pennsylvania State University
Jeffery Otis	Fall 1996, Kinesiology, The Pennsylvania State University

Abstracts: (173 total, including 95 first-authored by Prof. Campbell's students or post-doctoral scientists)

- Wang Y, **Campbell WW**. Adding Unprocessed Lean Red Meat to A Healthy Vegetarian Eating Pattern Does Not Impact Short-Term Improvements in Cardiometabolic Health in Young Adults. Presented at the American Society for Nutrition Conference, Online, June 1-4, 2020.
- Bergia RE III, Zhu W, Landberg R, Riccardi G, **Campbell WW**. Cardiometabolic Health-Promoting Effects of Low- and High-Glycemic Mediterranean-Style Eating Patterns: The MedGI-Carb Randomized Controlled Trial, Presented at the American Society for Nutrition Conference, Online, June 1-4, 2020.
- Hill ER, Wang Y, Clark C, McGowen B, O'Connor LE, **Campbell WW**. Red Meat Intake and Cardiometabolic Disease Risk: An Assessment of Causality Using The Bradford Hill Criteria. Presented at the American Society for Nutrition Conference, Online, June 1-4, 2020.
- Hudson J, Zhou J, **Campbell WW**. Consuming an Energy-restricted US Healthy-Style Eating Pattern Moderate or High in Protein Confers Comparable Changes in Body Composition and Cardiometabolic Health. Presented at the American Society for Nutrition Conference, Online, June 1-4, 2020.
- Hudson J, Zhou J, **Campbell WW**. Adults consuming an Energy-Restricted US Healthy-Style Eating Pattern at Either the Recommended or a Higher Protein Quantity Perceive a Shift from "Poor" to "Good" Sleep. Presented at the American Society for Nutrition Conference, Online, June 1-4, 2020.
- O'Connor LE, Gifford C, Woerner D, Belk K, **Campbell WW**. How Muscle Foods Are Categorized and Described in Chronic Disease Literature: A Systematic Review and Quantitative Analysis. Presented at the American Society for Nutrition conference, Baltimore, MD, June 8-11, 2019.
- Gertz E, Wang Y, O'Connor L, **Campbell WW**, Bennett B. A Mediterranean-style Eating Pattern Lower in Lean Red Meat Reduced Plasma Trimethylamine N-Oxide in Adults Classified as Overweight or Obese. Presented at the American Society for Nutrition conference, Baltimore, MD, June 8-11, 2019.
- Bergia R, Wang Y, Hudson J, **Campbell WW**. Protein Intakes Above the Recommended Dietary Allowance Reduce Fat Mass Irrespective of Energy Balance and Resistance Training Status: A Systematic Review and Meta-analysis. Presented at the American Society for Nutrition conference, Baltimore, MD, June 8-11, 2019.
- Connolly G, Hudson J, Paddon-Jones D, **Campbell WW**. Females Achieve Higher Plasma Amino Acid Concentrations Than Males After Consuming a 20-gram Whey Protein Supplement but Not a 30-gram Protein Meal. Presented at the American Society for Nutrition conference, Baltimore, MD, June 8-11, 2019.
- Hudson J, Wang Y, Bergia R, **Campbell WW**. The Protein Recommended Dietary Allowance Is Adequate to Retain Lean Body Mass: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Presented at the American Society for Nutrition conference, Baltimore, MD, June 8-11, 2019.
- Wang Y, Hudson J, Bergia R, **Campbell WW**. Protein Intakes Greater Than vs. at the RDA Differentially Affect Lean Body Mass Change to Purposeful Catabolic and Anabolic Stressors: A Systematic Review and Meta-analysis. Presented at the American Society for Nutrition conference, Baltimore, MD, June 8-11, 2019.
- Riddle E, Thalacker-Mercer A, **Campbell WW**. Higher Protein Diets Oppose Changes in Skeletal Muscle Transcriptome with Age. Presented at the American Society for Nutrition conference, Baltimore, MD, June 8-11, 2019.
- O'Connor L, Kim JE, Zhu W, Clark C, **Campbell WW**. Effects of Total Red Meat Consumption on Glycemic Control and Inflammation: A Systematically Searched Meta-analysis and Meta-regression of Randomized Controlled Trials Presented at the American Society for Nutrition conference, Baltimore, MD, June 8-11, 2019.
- Reisdorph N, Thang M, Doenges K, Reisdorph R, Tooker B, Quinn K, **Campbell W**, Krebs N. A novel, step-wise nutrimetabolomics approach reveals small molecule-associated changes in a DASH-diet study. Presented at the American Society for Mass Spectrometry conference, Atlanta, GA, June 2-6, 2019.
- Athiarayanan SJ, Adams RN, Hallberg SJ, McKenzie AL, Bhanpuri NH, **Campbell WW**, Phinney S, Volek JS, McCarter JP. Effectiveness of a continuous care intervention for type 2 diabetes management: a 2 year follow-up. Presented at The Obesity Society 2018 ObesityWeek conference, Nashville, TN, November 11-15, 2018.
- Bergia RE 3rd, **Campbell WW**, Kim JE. Acute effect of an egg-based high-protein meal on the hypertensive and endothelial responses to exercise. American Society for Nutrition conference, Boston, MA, June 9-12, 2018.
- Bergia RE 3rd, Hudson J, **Campbell WW**. Effect of whey protein supplementation on body composition changes in women: a systematic review and meta-analysis. American Society for Nutrition conference, Boston, MA, June 9-12, 2018.
- Hudson J, Kim Je, Paddon-Jones D, **Campbell WW**. Evenly distributing daily protein intake does not differentially influence weight loss- and resistance training-induced improvements in cardiometabolic health. American Society for Nutrition conference, Boston, MA, June 9-12, 2018.
- Campbell WW**. Effect of whey protein supplementation on body composition in adult women. International Whey Conference, Chicago, IL, September 17-20, 2017.
- Anguah KOB, **Campbell WW**, McCabe GP, McCrory, MA. Effects of Lentil Physical form and Digestive Enzyme Availability on Postprandial Mood Responses. FASEB J April 2017 31:798.10. Experimental Biology, Chicago, IL, April 22-26.
- Bergia RE, Kim JE, **Campbell WW**. Differential Relationship between Thigh and Calf Intermuscular Adipose Tissue Depots and Muscle Compartments with Indices of Cardio-metabolic Health. FASEB J April 2017 31:794.14. Experimental Biology, Chicago, IL, April 22-26.

- O'Connor LE, Wright AJ, Paddon-Jones D, **Campbell WW**. Daily Red Meat Intake does not Affect Improvements in Cardiovascular Disease Risk Factors Induced by Consuming the USDA's Healthy Mediterranean-Style Eating Pattern. *FASEB J* April 2017 31:966.9. Experimental Biology, Chicago, IL, April 22-26.
- Devarshi PM, Jones AD, **Campbell WW**, Taylor EM, Henagan TM. Effects of Acute Aerobic Exercise on Whole Genome Nucleosome Maps and Gene Expression in Skeletal Muscle of Lean Vs Overweight/Obese Men. *FASEB J* April 2017 31:943.3. Experimental Biology, Chicago, IL, April 22-26.
- Campbell WW**, O'Connor, Li J, Sayer RD, Wright AJ. Adopting, Abandoning, and Re-adopting Healthy Eating Patterns Sends Cardiovascular Disease Risk Factors on a Rollercoaster Ride. *FASEB J* April 2017 31:447.2. Experimental Biology, Chicago, IL, April 22-26.
- Wright CS, Main RP, **Campbell WW**. 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. *FASEB J* April 2017 31:443.7. Experimental Biology, Chicago, IL, April 22-26.
- Hudson JL, Bergia RE, **Campbell WW**. Effects of Consuming Protein-rich Supplements Between or With Meals on Changes in Body Composition with Resistance Training: A Systematic Review of Randomized Controlled Trials. *FASEB J* April 2017 31:443.5. Experimental Biology, Chicago, IL, April 22-26.
- Hudson JL, Paddon-Jones D, **Campbell WW**. Consuming A Whey Protein Supplement Two Hours After A Low Protein Breakfast Preserves Amino Acid Availability. *FASEB J* April 2017 31:164.5. Experimental Biology, Chicago, IL, April 22-26.
- Kim JE, **Campbell WW**. Dietary Cholesterol Contained in Whole Eggs is Not Well Absorbed and Does Not Affect Plasma Total Cholesterol Concentration in Men and Women: Results from Two Randomized Controlled Crossover Trials. *FASEB J* April 2017 31:137.4. Experimental Biology, Chicago, IL, April 22-26.
- Hudson JL, Kim JE, Paddon-Jones D, **Campbell WW**. Evenly Re-distributing Daily Dietary Protein Intake Does Not Augment Changes in Body Composition and Cardio-metabolic Health Indexes. *FASEB J* April 2017 31:31.7. Experimental Biology, Chicago, IL, April 22-26.
- Campbell WW**. Dietary interventions, including functional foods, to promote lean body mass: high-protein diets. Presented at International Conference and Exhibition on Nutraceuticals and Functional Foods 2016, Orlando, FL, October 11, 2016.
- Amankwaah A, Kim JE, **Campbell WW**. Body Composition Changes in Weight-Stable Overweight and Obese Middle-Aged Adults Who Performed Exercise Training for 36 Weeks Impact Indexes of Cardio-metabolic Health. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Li J, Wright CS, **Campbell WW**. Carbohydrate Intake Affects Weight Loss Related Improvements in Glycemic Control: Results from a Systematic Review and Regression Analysis. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Amankwaah A, Sayer RD, Wright AJ, Chen N, McCrory MA, **Campbell WW**. Effects of Higher Dietary Protein and Fiber Intake at Breakfast on Postprandial Insulin and Glucose Responses in Overweight Adults. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Sayer RD, Tamer G, Chen N Jr, Tregella J, Cornier M, Kareken D, Talavage T, McCrory M, **Campbell W**. Test-Retest Reliability and Postprandial Time Course of the Neural Responses to Visual Food Stimuli. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Li J, Janle E, **Campbell WW**. Postprandial Glycemic and Insulinemic Responses to Common Breakfast Beverages Consumed with a Standard Meal in Overweight and Obese Individuals. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Lin G, Kim JE, Zhou J, **Campbell WW**. The Effect of Higher Protein Intake during Energy Restriction-Induced Weight Loss on Counts of Intermediate and Classical Monocytes and Their Relations to Lipid-Lipoprotein Profile and C-Reactive Protein. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Li J, Janle E, **Campbell WW**. The Fat Content of Milk Does Not Affect the Plasma Glucose and Insulin Responses to a Meal. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Bergia RE, Kim JE, **Campbell WW**. Differential Relationship between Thigh and Calf Intramuscular Adipose Tissue Depots and Indices of Metabolic Health in Older Overweight and Obese Adults. Experimental Biology, San Diego, CA, April 2-6, 2016.
- O'Connor LE, Kim JE, **Campbell WW**. Consuming < or > 0.5 Servings of Red Meat per Day Does Not Have a Negative Impact on Cardiovascular Disease Risk Factors: A Systematic Review and Meta-analysis of Randomized Controlled Trials. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Kim JE, Ferruzzi MG, **Campbell WW**. Effects of Whole Egg Consumption on Vitamin E Absorption from Co-consumed, Mixed-Vegetable Salad. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Wright CS, Li J, **Campbell WW**. The Effect of Dietary Protein on Bone during Weight Loss: A Meta-analysis and Systematic Review. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Zhou J, Kim JE, **Campbell WW**. Higher protein intake improves sleep and blood pressure, and influences the relation between changes in blood pressure and sleep during energy restriction in middle-aged overweight and obese adults. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Sayer RD, Amankwaah A, Tamer G, Chen N Jr, Wright A, Tregella J, Cornier M, Kareken D, Talavage T, McCrory M, **Campbell W**. Effects of dietary protein and fiber at breakfast on postprandial appetite, neural responses to visual food stimuli, and ad libitum energy intake at lunch in overweight adults. Experimental Biology, San Diego, CA, April 2-6, 2016.
- Amankwaah AF, Kim JE, Weinheimer-Haus EM, EM Janle, **Campbell WW**. Higher Total Protein Intake During Exercise Training Improves Body Composition But Not Indices of Metabolic Syndrome. Experimental Biology, Boston, MA, March 28-April 1, 2015.
- Wright CS, Weinheimer-Haus EM, **Campbell WW**. Effect of Total Protein Intake on Bone Health in Overweight and Obese Adults Following a 36-Week Exercise and Diet Intervention. Experimental Biology, Boston, MA, March 28-April 1, 2015.
- Wright CS, Zhou J, Sayer RD, Kim JE, **Campbell WW**. Effect of a High Protein, High Egg Diet on Muscle Composition, Metabolic Health and Systemic Inflammation in Overweight and Obese, Older Adults. Experimental Biology, Boston, MA, March 28-April 1, 2015.
- Campbell WW**, Kim JE, Chen N, Fulgoni VL III. Dietary Protein Quantity and Source Impact Weight and Body Composition of Older Adults: Analysis of NHANES 2001-2006 Data. Experimental Biology, Boston, MA, March 28-April 1, 2015.
- Sayer RD, Tamer Jr GG, Chen N, Tregella JR, Cornier M-A, Kareken DA, Talavage TM, **Campbell WW**. Effects of Acute Aerobic Exercise and Protein Intake at Dinner on Appetite and the Neural Response to Visual Food Cues. Experimental Biology, Boston, MA, March 28-April 1, 2015.
- Sayer RD, Dhillon J, Tamer Jr GG, **Campbell WW**, Mattes RD. Effect of Almond Consumption on the Neural Response in the Left Insula. Experimental Biology, Boston, MA, March 28-April 1, 2015.
- Li J, Armstrong CLH, **Campbell WW**. Effects of Dietary Protein Quantity and Source in Appetite Responses in Energy-Restricted Overweight and Obese Adults. Experimental Biology, Boston, MA, March 28-April 1, 2015.
- Zhou J, Kim JE, **Campbell WW**. Effects of Milk Protein Concentrate on Energy Restriction-Induced Changes in Body Composition and Indices of Metabolic Syndrome. Experimental Biology, Boston, MA, March 28-April 1, 2015.
- Kim JE, Gordon SL, Ferruzzi MG, **Campbell WW**. Effects of Whole Egg Consumption on Carotenoids Absorption from Co-Consumed, Carotenoids-Rich Mixed-Vegetable Salad. Experimental Biology, Boston, MA, March 28-April 1, 2015.

- Kim JE, Conley TB, Weinheimer-Haus EM, **Campbell WW**. Higher Total Protein Intake and Change in Total Protein Intake Impact Body Composition Changes in Adults Who Performed Exercise Training For 36 Weeks. *Experimental Biology*, Boston, MA, March 28-April 1, 2015.
- O'Connor LE, **Campbell WW**. Glycemic and insulinemic responses are blunted by the consumption of a beverage containing a whole-grain fiber composite ingredient with resistant starches. *Experimental Biology*, Boston, MA, March 28-April 1, 2015.
- Gordon SL, Kim JE, Weinheimer-Haus EM, **Campbell WW**. Moderately high protein diets during resistance/aerobic exercise training improve body composition via positive changes in adiposity but not lean mass accretion. *Experimental Biology*, Boston, MA, March 28-April 1, 2015.
- Wright CS, Weinheimer-Haus EM, Fleet JC, Peacock M, **Campbell WW**. Central adiposity influences the relationship between 25(OH)D and indices of plasma insulin. *Experimental Biology*, San Diego, CA, April 26-30, 2014.
- Dunville K, Kim JE, Li J, Conley TB, Cheng J-X, Talavage TM, Couture C, **Campbell WW**. Skeletal Muscle fat accumulation and increased fatty acid saturation are related to worsening glucose control in older adults. *Experimental Biology*, San Diego, CA, April 26-30, 2014.
- Kim JE, Sands LP, Slebodnik MB, O'Connor LE, **Campbell WW**. Effects of high-protein weight loss diets on fat free mass changes in older adults: a systematic review. *Experimental Biology*, San Diego, CA, April 26-30, 2014.
- Li J, Chen NN, Armstrong CL, **Campbell WW**. Effects of dietary protein source and quantity on glycemic control in energy-restricted overweight and obese adults. *Experimental Biology*, San Diego, CA, April 26-30, 2014.
- Ross RJ, McCabe GP, **Campbell WW**, Johnson CA. Normality of adult dietary protein requirement distribution. *Experimental Biology*, San Diego, CA, April 26-30, 2014.
- Sayer RD, Chen ND, Wright AJ, **Campbell WW**. The effects of pork vs. chicken/fish in a DASH diet on blood pressure control. *Experimental Biology*, San Diego, April 26-30, 2014.
- Osei-Boadi K, BS Wonnell, **WW Campbell**, GP McCabe and MA McCrory. Effects of pulse physical form and digestive enzyme availability on postprandial glucose and appetite responses. *Experimental Biology*, Boston, April 26-30, 2013.
- Kim JE, M Zanovec, VL Gulgoni III, and **WW Campbell**. Effect of dietary protein on bone status in U.S. adults aged 50 years and older: NHANES 1999-2004. *Experimental Biology*, Boston, April 26-30, 2013.
- Zhou J, CLH Armstrong and **WW Campbell**. Effects of dietary protein quantity on sleep quality in energy-restricted overweight and obese adults. *Experimental Biology*, Boston, April 26-30, 2014.
- Sands KA, KL Clark, SP McKenzie, JM Haddad, S Rietdyk and **WW Campbell**. Effects of Short-term protein supplementation on muscle work efficiency in elderly adults. *Experimental Biology*, Boston, April 26-30, 2013.
- Rafii M, G Courtney-Martin, K Chapman, J Owens, R Elango, **WW Campbell**, RO Ball, and PB Pencharz. Dietary protein requirement of 65-75 year old females using indicator amino acid oxidation technique. *Experimental Biology*, Boston, April 26-30, 2013.
- Clark KL, KA Sands, SP McKenzie, JM Haddad, S Rietdyk and **WW Campbell**. Effects of whey protein supplementation on dietary compensation and muscle energetics in elderly adults. *Experimental Biology*, Boston, April 26-30, 2013.
- Courtney-Martin G, M Rafii, K Chapman, R Elango, **WW Campbell**, RO Ball and PB Pencharz. Dietary protein requirement of 65-75 year old adult males using indicator amino acid oxidation technique. *Experimental Biology*, Boston, April 26-30, 2013.
- Hogan JA, C.L.H. Armstrong, H.K. Wilson, and **W.W.Campbell**. Effects of protein quantity and source (animal versus plant) on indices of mood and fed-state large neutral amino acids and tryptophan profile. *Experimental Biology*, San Diego, April 21-25, 2012.
- Wilson HK, C.L.H. Armstrong, J.A. Hogan, and **W.W. Campbell**. Effects of protein quantity and source (animal versus plant) on appetite and plasma amino acid responses in energy-restricted subjects. *Experimental Biology*, San Diego, April 21-25, 2012.
- Goltz SR, T.N. Sapper, M.L. Failla, **W.W. Campbell**, and M.G. Ferruzzi. Impact of meal patterning on carotenoid absorption from vegetables. *Experimental Biology*, San Diego, April 21-25, 2012.
- Osei-Boadi K, **W.W. Campbell**, and M.A. McCrory. Effects of pattern of pulse consumption on postprandial glycemic, insulinemic and appetite responses in the second meal: a pilot study. *Experimental Biology*, San Diego, April 21-25, 2012.
- Tang M, G.P. McCabe R., Elango P.B. Pencharz, R. O. Ball, and **W.W. Campbell**. Protein requirement of elderly women determined using the indicator amino acid oxidation technique. *Experimental Biology*, San Diego, April 21-25, 2012.
- Conley TB, E.M. Weinheimer, G. R. DePalma, E.M. Janle, L.P. Sands, and **W.W. Campbell**. Impact of protein intake on exercise-induced changes in body composition in middle-aged, overweight adults. *Experimental Biology*, San Diego, April 21-25, 2012.
- Zhou J, and **W.W. Campbell**. Effect of resistance training on changes in body composition and macronutrient utilization after weight loss in older women. *Experimental Biology*, San Diego, April 21-25, 2012.
- Louis E, **W.W. Campbell**, R. Krishnan, K. Yarasheski, W. Evans and J. Kirwan. Impaired leucine oxidation during hyperglycemia after eccentric exercise in older men. *Experimental Biology*, Washington, DC, April 9-13, 2011.
- Conley TB, E. Lim, K.E. Yarasheski and **W.W. Campbell**. Effects of age and sex on dietary protein requirement: comparison of stable isotope and nitrogen balance data at protein intakes that span the range of adequacy. *Experimental Biology*, Washington, DC, April 9-13, 2011.
- Goltz S, **W.W. Campbell**, C. Chitchumroonchokchai, M.L. Failla and M.G. Ferruzzi. Meal triacylglycerol profile modulates carotenoid postprandial absorption in humans. *Experimental Biology*, Washington, DC, April 9-13, 2011.
- McMorrow AM, E.M. Weinheimer, T.B. Conley, V.M. Kobza, L.P. Sands, E. Lim, E.M. Janle and **W.W. Campbell**. The effects of whey protein supplementation and exercise on bone in overweight/obese middle-aged adults. *Experimental Biology*, Washington, DC, April 9-13, 2011.
- Tang M, C.L. H. Armstrong, H.J. Leidy and **W.W. Campbell**. Effects of protein intake on energy-restriction-induced changes in total body and appendicular lean body mass and fat mass in overweight men and women. *Experimental Biology*, Washington, DC, April 9-13, 2011.
- Janle EM, T.E. Petersen, **W.W. Campbell**, G.P. McCabe, J.W. Choi, R. Mobley, H.H. Freiser and C.R. Santerre. Effects of seafood on fatty acid and mercury status. *Experimental Biology*, Washington, DC, April 9-13, 2011.
- Weinheimer EM, T.B. Conley, V.M. Kobza, L.P. Sands, E. Lim, E.M. Janle and **W.W. Campbell**. Effects of whey protein supplements and exercise training on indices of metabolic syndrome in middle-aged overweight/obese adults. *Experimental Biology*, Washington, DC, April 9-13, 2011.
- Weinheimer EM, T.B. Conley, V.M. Kobza, L.P. Sands, E. Lim, E.M. Janle and **W.W. Campbell**. Effects of whey protein supplements and exercise training on body composition and dietary compensation in middle-aged overweight/obese adults. *Experimental Biology*, Washington, DC, April 9-13, 2011.
- Hatch AM, EJ Arentson, **WW Campbell**, GP McCabe, SM Laurentz, KK Buhman, MA McCrory. Postprandial responses to high protein and fiber breakfasts in combination with orlistat. *The Obesity Society*, San Diego, CA, October 8-12, 2010.
- Campbell WW**. Extra protein is not necessary. *Anaheim Convention Center*, Anaheim, CA, April 24-28, 2010.
- Weinheimer EM, L.P. Sands and **W.W. Campbell**. A systematic review of the separate and combined effects of energy restriction and exercise on fat-free mass in middle-aged and older adults: implications for sarcopenic obesity. *Experimental Biology*, Anaheim, CA, April 24-28, 2010.
- Conley TB, J.W. Apolzan, H.J. Leidy and **W.W. Campbell**. Effect of food form on postprandial plasma amino acid profiles in older adults. *Experimental Biology*, Anaheim, CA, April 24-28, 2010.

- Campbell WW**, T.B. Conley, K.E. Yarasheski and E.Lim. Effect of age and sex on whole body protein metabolism at dietary protein intakes that span the range of adequacy. *Experimental Biology*, Anaheim, CA, April 24-28, 2010.
- Weinheimer EM, B.N. O'Connell, B.R. Martin, D.A. Schoeller, C.M. Weaver and **W.W. Campbell**. Water turnover assessment in overweight adolescents. *Experimental Biology*, Anaheim, CA, April 24-28, 2010.
- Chitchumroonchokchai C, M.L. Failla, M.G. Ferruzzi and **W.W. Campbell**. Dietary fats with increased ratio of unsaturated to saturated fatty acids enhance absorption of carotenoid and vitamin E by increasing both efficiency of micellarization and lipoprotein secretion. *Experimental Biology*, Anaheim, CA, April 24-28, 2010.
- Tang M, C.L.H. Armstrong, R.D. Mattes, H.J. Leidy and **W.W. Campbell**. Effects of protein intake on energy-restriction-induced changes in lipid-lipoprotein profile, glycemic control, resting energy expenditure, and appetite in overweight men. *Experimental Biology*, Anaheim, CA, April 24-28, 2010.
- Campbell WW**, CLH Armstrong, RD Mattes, JW Apolzan. Effects of beverage vs. solid nutritional supplements on body mass, body composition, and energy intake in older adults who were either untrained or performed resistance exercise training. The Obesity Society, Washington, DC, October 24-28, 2009.
- Leidy HJ, CLH Armstrong, RD Mattes, **WW. Campbell**. The impact of increased dietary protein and meal frequency on appetite control in overweight and obese men. The Obesity Society, Washington, DC, October 24-28, 2009.
- Tang M, CLH Armstrong, RD Mattes, HJ Leidy, **WW Campbell**. Higher protein intake preserves lean body mass during weight loss in pre-obese and obese men. The Obesity Society, Washington, DC, October 24-28, 2009.
- Markofski MM, MG Flynn, DA Sedlock, **WW Campbell**, AE Carrillo. Inflammatory monocyte (CD14+CD16+) percentage is high among physically inactive adults and highest in obese, inactive adults. *International Society of Exercise and Immunology*, Tubingen, Germany, September 21-23, 2009.
- Laan DJ, HJ Leidy, **WW Campbell**. Effects of aerobic and resistance exercise on hunger and energy intake in young physically active adults. *Experimental Biology 2008*, New Orleans, LA, April 18-22, 2009.
- Tang M, CM Weaver, BR Martin, GS Jackson, **WW Campbell**. Protein intake, weight loss, and bone mineral density in postmenopausal women. *Experimental Biology 2009*, New Orleans, LA, April 18-22, 2009.
- Apolzan JW, HJ Leidy, RD Mattes, **WW Campbell**. Effects of food form and resistance training on postprandial appetitive sensations and ghrelin, cholecystokinin, and glucagon-like peptide-1 in older adults. *Experimental Biology 2009*, New Orleans, LA, April 18-22, 2009.
- Apolzan JW, HJ Leidy, RD Mattes, **WW Campbell**. Food intake, appetite, gut hormones, and resting energy expenditure in resistance trained vs. sedentary older adults. *Experimental Biology 2009*, New Orleans, LA, April 18-22, 2009.
- Campbell WW**. Effects of high-protein diets on lean body mass preservation, metabolism, well-being and kidney function in weight loss. EuroWhey Conference, Paris, France, September 8-9, 2008.
- Campbell WW**. Manipulation of protein intake and exercise in the preservation of lean muscle and prevention of sarcopenia. Gatorade Sports Science Institute, Protein Nutrition for Health and Performance conference. Huntington Beach, CA, July 16-19, 2008.
- Campbell WW**. Uses of dietary protein to help combat obesity and sarcopenia. Reciprocal Meat Conference, Gainesville, FL, June 22-25, 2008.
- Leidy HJ, JW Apolzan, RD Mattes, **WW Campbell**. Effects of food form and portion size on post-prandial appetite, ghrelin, and energy expenditure in healthy, older adults. *Experimental Biology 2008*, San Diego, CA, April 5-9, 2008.
- Leidy HJ, MJ Bossingham, NS Carnell, RD Mattes, **WW Campbell**. Effects of increased dietary protein and meal patterning on appetite during short-term energy balance and energy restriction. *Experimental Biology 2008*, San Diego, CA, April 5-9, 2008.
- Martin BR, R Singh, **WW Campbell**, D Teegarden, C Weaver. The effect of increased dietary calcium on fecal fat excretion in overweight and obese adolescents. *Experimental Biology 2008*, San Diego, CA, April 5-9, 2008.
- Apolzan JW, HJ Leidy, RD Mattes, **WW Campbell**. Effects of food form on postprandial plasma glucose and insulin, energy expenditure, and appetite in resistance trained vs. sedentary older adults. *Experimental Biology 2008*, San Diego, CA, April 5-9, 2008.
- Sands AL, HJ Leidy, BR Hamaker, P Maguire, **WW Campbell**. Consumption of the slow digesting starch waxy maize leads to blunted and sustained carbohydrate utilization but does not influence energy expenditure or appetite. *Experimental Biology 2008*, San Diego, CA, April 5-9, 2008.
- Thalacker-Mercer AE, J Fleet, B Craig, **W Campbell**. The skeletal muscle transcript profile reflects accommodative responses to inadequate protein intake in younger and older males. *Experimental Biology 2008*, San Diego, CA, April 5-9, 2008.
- Campbell W**, J Apolzan, M Haub, A Ferrando, R Wolfe. Effects of weight loss with or without resistance training on body composition, protein metabolism and muscle protein synthesis in overweight older women. NAASO 2007, New Orleans, LA.
- Gaich G, J Suico, T Womack, D Renard, **W Campbell**. Comparison of standard body composition analysis methods to evaluate the quantitative nuclear magnetic resonance technology. NAASO 2007, New Orleans, LA.
- Weinheimer E, BR Martin, CM Weaver, **WW Campbell**. Exercise effect on water balance in post-menopausal sportswomen. *Experimental Biology 2007*, Washington, DC, April 28-May 2, 2007.
- Campbell W**, M Flynn, A Mahon, H Iglay. Protein intake, weight loss, and bone mineral density in postmenopausal women. NAASO 2006, Boston, MA, Oct 20-24, 2006.
- Leidy H, R Mattes, **W Campbell**. Effects of protein intake on hunger, satiety, and appetite-regulating hormones during energy restriction in overweight and obese women. NAASO 2006, Boston, MA, Oct 20-24, 2006.
- Campbell WW**. Role of protein intake on muscle and body composition in elderly people. Institute of Food Technologists meeting, Orlando, FL, June 24-28, 2006.
- Braun M, BR Martin, **WW Campbell**, D Teegarden, B Craig, CM Weaver. Impact of increasing calcium intake with dairy vs. calcium carbonate on calcium retention in overweight adolescents. *Experimental Biology 2006*, San Francisco, CA, April 1-5, 2006.
- Stull AJ, JP Thyfault, **WW Campbell**. The effect of acute pinitol supplementation on whole body and skeletal muscle insulin-mediated glucose metabolism. *Experimental Biology 2006*, San Francisco, CA, April 1-5, 2006.
- Johnson CA, **WW Campbell**, GP McCabe. Nitrogen balance-based protein requirement estimates and distributions analyzed using simulation modeling. *Experimental Biology 2006*, San Francisco, CA, April 1-5, 2006.
- Diaz ML, BA Watkins, Y Li, RA Anderson, **WW Campbell**. Chromium picolinate and conjugated linoleic acid: effects on diet and exercise-induced changes in metabolic and cardiovascular health indexes in overweight women. *Experimental Biology 2006*, San Francisco, CA, April 1-5, 2006.
- Campbell WW**, NS Carnell, CA Johnson, GP McCabe, ZK Birge. Dietary protein requirement of younger and older men. *Experimental Biology 2006*, San Francisco, CA, April 1-5, 2006.
- Campbell WW**, NS Carnell, RD Mattes, HJ Leidy. Chronic adaptation to high protein intake during energy restriction leads to increase post-prandial energy expenditure and fat oxidation in women. *Experimental Biology 2006*, San Francisco, CA, April 1-5, 2006.

- Igley HB, JP Thyfault, JW Apolzan, **WW Campbell**. Resistance training increases and protein intake does not influence skeletal muscle aPKC zeta/lambda content in older men and women. *Experimental Biology* 2006, San Francisco, CA, April 1-5, 2006.
- Tieken SM, HJ Leidy, AJ Stull, RD Mattes, **WW Campbell**. Effects of isoenergetic solid vs. liquid meal-replacements on hunger, satiety, and appetite hormones in older adults. *Experimental Biology* 2006, San Francisco, CA, April 1-5, 2006.
- Leidy HJ, NS Carnell, RD Mattes, **WW Campbell**. Effects of high protein intake and BMI on body composition and satiety changes following a 12-week weight loss diet in women. *Experimental Biology* 2006, San Francisco, CA, April 1-5, 2006.
- Stull AJ, RA Schuster, **WW Campbell**. The rheology of meal replacement foods affects postprandial appetite and insulin in older humans. *South African Journal of Clinical Nutrition* 49(Suppl 1):375, 2005. Presented at the 18th International Congress of Nutrition, Sept 19-23, 2005, Durban, South Africa.
- Thalacker AE, JC Fleet, BA Craig, NS Carnell, **WW Campbell**. Dietary protein intake affects skeletal muscle gene expression in older humans. *FASEB Summer Research Conference; Nutrition Control of Gene Expression and Cell Signaling*, July 31-Aug 4, 2005, Tucson, AZ.
- Stewart LK, MG Flynn, **WW Campbell**, BA Craig, JP Robinson, BK McFarlin, KL Timmerman, PM Coen, J Felker, E Talbert. Effect of exercise training on inflammatory cytokine production and cell-surface toll-like receptor expression. *American College of sports Medicine 52nd annual meeting*, Nashville, TN, June 1-4, 2005.
- Coen PM, MG Flynn, BK McFarlin **WW Campbell**, BA Craig, JP Robinson, LK Stewart, KL Timmerman, J Felker. The influence of age, physical activity and 12 weeks of exercise training on hs-CRP. *American College of sports Medicine 52nd annual meeting*, Nashville, TN, June 1-4, 2005.
- Igley HB, JW Apolzan, **WW Campbell**. Resistive training, protein intake and glucose metabolism in older humans. *Experimental Biology* 2005, San Diego, CA, March 31-April 5, 2005. *FASEB J* 19 (4; Part1): A46, 2005.
- Thalacker AE, CA Johnson, NS Carnell, KE Yarasheski, **WW Campbell**. Feeding, protein intake, and gender, but not age, affect albumin synthesis rate in humans. *Experimental Biology* 2005, San Diego, CA, March 31-April 5, 2005. *FASEB J* 19 (5; Part2): A1001, 2005.
- Igley HB, JW Apolzan, **WW Campbell**. Dietary protein intake does not influence resistive training-related improvement in lipid-lipoprotein profile in healthy older adults. *Experimental Biology* 2005, San Diego, CA, March 31-April 5, 2005. *FASEB J* 19 (5; Part2): A1011, 2005.
- Stull AJ, HB Igley, JW Apolzan, **WW Campbell**. Rheology of meal replacements affects postprandial appetite and food intake in older humans. *Experimental Biology* 2005, San Diego, CA, March 31-April 5, 2005. *FASEB J* 19 (5; Part2): A1496, 2005.
- Apolzan JW, MG Flynn, BK McFarlin, **WW Campbell**. Age, but not physical activity status, affects appetite in humans. *Experimental Biology* 2005, San Diego, CA, March 31-April 5, 2005. *FASEB J* 19 (5; Part2): A1496, 2005.
- McFarlin BK, MG Flynn, **WW Campbell**, LK Stewart, KL Timmerman, AD Thalacker. CK14+ cell-surface expression of Toll-like Receptor 4 is lower in exercise trained older women. *American College of Sports Medicine 51st annual meeting*, Indianapolis, IN, June 2-5, 2004.
- Carnell NS, R Hall, JC Fleet, **WW Campbell**. Short-term low dietary protein intake does not increase parathyroid hormone concentration in humans. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 1):A146, 2004.
- Thalacker AE, NS Carnell, ZK Birge, **WW Campbell**. Effects of age and dietary protein intake on macronutrient utilization. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 1):A146, 2004.
- Mahon AK, MG Flynn, HB Igley, LK Stewart, KM White, **WW Campbell**. Changes in percent body fat and fat-free mass with energy restriction in overweight and mildly obese postmenopausal women: comparison of body composition methods. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 1):A177, 2004.
- Igley HB, MG Flynn, AK Mahon, LK Stewart, KM White, **WW Campbell**. Comparison of body Composition assessment methods in overweight and mildly obese postmenopausal women. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 1):A180, 2004.
- Stewart LK, MG Flynn, AK Mahon, BK McFarlin, KL Timmerman, **WW Campbell**. Effects of Protein quantity and source during energy-restriction on immune function and zinc status in overweight and mildly obese postmenopausal women. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 1):A495, 2004.
- Campbell WW**, JC Fleet, BA Craig, NS Carnell. Inadequate dietary protein affects skeletal Muscle gene expression in older humans. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 1):A544.
- Campbell WW**, NS Carnell, H Morse-Carrithers, MD Haub, KE Yarasheski, ZK Birge. Effects of age and dietary protein intake on whole body protein metabolism in women. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 1):A544, 2004.
- Campbell WW**, NS Carnell, CA Johnson, H Morse-Carrithers, MD Haub, GP McCabe, ZK Birge. Dietary protein requirement of young and elderly women. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 1):A544, 2004.
- Apolzan JW, JK Green, NS Carnell, RD Mattes, **WW Campbell**. Effect of inadequate protein intake on appetite in young and elderly men. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 1):A544, 2004.
- Stull AJ, AK Mahon, ZK Birge, **WW Campbell**. Pinitol supplementation and glucose metabolism in older humans. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 2):A867, 2004.
- Mahon AK, MG Flynn, HB Igley, LK Stewart, KM White, **WW Campbell**. Effect of protein intake and protein sources on energy restriction-induced changes in body weight and body composition in overweight and mildly obese postmenopausal women. *Experimental Biology* 2004, Washington, DC, April 17-21, 2004. *FASEB J* 18(4; Part 2):A873, 2004.
- Campbell WW**, MD Haub, NS Carnell. Effects of energy restriction and resistive exercise training on body composition and nitrogen balance in older women. *Experimental Biology* 2003, San Diego, CA, April 11-15, 2003.
- Campbell WW**, LJO Joseph, RA Anderson, WJ Evans. Chromium picolinate supplementation during resistive exercise training does not influence clinical indexes of kidney and liver function in overweight, older people. *Experimental Biology* 2003, San Diego, CA, April 11-15, 2003.
- Haub MD, Wells AM, Goetz, TR, and **Campbell WW**. Controlled beef intake affects nutrient intake and lipid-lipoprotein profile in older men who resistive train. *American College of Sports Medicine 49th annual meeting*, St Louis, MO, May 28-June 1, 2002. *Med Sci Sports Med* 34:S268, 2002.
- Campbell WW**, Fluckey JD, Morse MH, Haub MD. Effects of oral pinitol supplementation on oral and intravenous glucose tolerance in older people. *Experimental Biology* 2002, New Orleans, LA, April 20-24, 2002.
- Campbell WW**, Joseph LJO, Ostlund R Jr., Anderson RA, Farrell PA, Evans WJ. Effects of resistive training and chromium picolinate on the urinary excretion of inositols and glucose metabolism in older people. *Experimental Biology* 2002, New Orleans, LA, April 20-24, 2002.
- Campbell WW**, Trappe TA, Wolfe RR, Evans WJ. The Recommended Dietary Allowance for protein may not be adequate for some older people to maintain skeletal muscle. *Mechanisms and Consequences of Aging symposium*, Purdue University, April 14, 2001.
- Campbell WW**, Kruskall LJ, Evans WJ. Effect of resistive training on the metabolizable energy requirement of older men and women. *Mechanisms and Consequences of Aging symposium*, Purdue University, April 14, 2001.
- Campbell WW**, Ostlund, RE Jr., Joseph LJ, Farrell PA, Evans WJ. Relationships of plasma C-peptide and gender to the urinary excretion of inositols in older people. *Mechanisms and Consequences of Aging symposium*, Purdue University, April 14, 2001.
- Carnell NS, MH Morse, **WW Campbell**. Water balance and recommended fluid intake in elderly women. *J Am Diet Assoc* 100 (9:Suppl 1):A87,2000.

- Kruskall LJ, **WW Campbell**, WJ Evans. Comparison of measured energy expenditure due to physical activity to that estimated using the Yale physical activity survey for older adults. *J Am Diet Assoc* 100 (9:Suppl 1):A12,2000.
- Joseph LJ, PA Farrell, **WW Campbell**, TA Trappe, CP Lambert, WJ Evans. The effect of short-term moderate energy restriction and resistance training on insulin action in older women. 11th International Conference on the Biochemistry of Exercise. *Journal of Physical Activity and Aging* 8:269,2000.
- Jozsi AC, JM Taylor-Jones, WJ Evans EE Dupont-Versteegden, TA Trappe, **WW Campbell**, CA Peterson. Molecular and cellular characteristics of aged muscle reflect an altered ability to respond to exercise. 11th International Conference on the Biochemistry of Exercise. *Journal of Physical Activity and Aging* 8:241,2000.
- Morse MH, MD Haub, WJ Evans, **WW Campbell**. Dietary protein requirement of elderly women based on short term nitrogen balance data. *The FASEB Journal* 14 (4):A766;2000.
- Campbell WW**, LJ Kruskall, WJ Evans. Metabolizable energy intake (MEI) for long-term body weight maintenance in older men and women. *The FASEB Journal* 14 (4):A757;2000.
- Campbell WW**, WJ Evans. Accommodation of skeletal muscle to long-term consumption of the RDA for protein in older people. *The FASEB Journal* 13 (4:Part 1):A52;1999.
- Evans WJ, TA Trappe, **WW Campbell**. Effect of lower vs whole body resistance training on muscle strength and size in older people. *The FASEB Journal* 13 (4:Part 1):A417;1999.
- Davey, SL, G. Monico, **WW Campbell**, WJ Evans. A structured resistance training program for elderly people with dementia. The Gerontological Society of America conference. *The Gerontologist* 38(Special Issue 1):169;1998.
- Kirwan JP, D Cyr-Campbell, **WW Campbell**, JF Scheiber, PA Farrell, WJ Evans. Effects of pre-exercise meals with a moderate or high glycemic index on exercise performance. *Med Sci Sports Exerc* 30 (Suppl):S155, 1998
- Davey SL, NA Bryden, LJ Joseph, D Cyr-Campbell, RA Anderson, WJ Evans, **WW Campbell**. Strength training and chromium picolinate supplements: effects on urinary excretion and % absorption of Cr in older men. The Experimental Biology conference, The FASEB Journal 12(4: Part 1):A220, 1998.
- Campbell WW**, LJ Joseph, SL Davey, WJ Evans. Gender specific body composition responses in older men and women following resistance training. The Experimental Biology conference, The FASEB Journal 12(4: Part 2):A654, 1998.
- Murray LE, JH Beard, LJ Joseph, SL Davey, WJ Evans, **WW Campbell**. Resistance training affects iron status in older men and women. The Experimental Biology conference, The FASEB Journal 12(4: Part 2):A847, 1998.
- Barton ML Jr., WJ Evans, JL Beard, **WW Campbell**. Effects of a lacto-ovo-vegetarian diet and resistance training on body composition in older men. The Experimental Biology conference, The FASEB Journal 12(4: Part 2):A965, 1998.
- Bhathena SJ, RA Anderson, WJ Evans, **WW Campbell**. Effect of chromium supplementation and resistance training on steroid hormones in older men. The Experimental Biology conference, The FASEB Journal 12(4: Part 2):A1039, 1998.
- Ramirez-Zea M, **WW Campbell**, JA Weaver, D Cyr-Campbell, WJ Evans. Resistance training increases nitrogen retention and decreases urinary nitrogen excretion in individuals with chronic renal failure. The American Society of Clinical Nutrition, annual meeting, 1997.
- Davey SL, LJ Joseph, WJ Evans, and **WW Campbell**. Effects of chromium picolinate and resistance training on body composition of older women. *Am. Coll. Sports Med. Conference*, 1997.
- Campbell WW**, LJ Joseph, SL Davey, D Cyr-Campbell, and WJ Evans. Effects of chromium picolinate and resistance training on body composition of older men. *Am. Coll. Sports Med. Conference*, 1997.
- Joseph LJ, SL Davey, PA Farrell, WJ Evans, and **WW Campbell**. Effects of resistance training and chromium picolinate on glucose tolerance in older men. *Am. Coll. Sports Med. Conference*, 1997.
- Barton ML, Jr., SL Davey, WJ Evans, and **WW Campbell**. Effects of chromium picolinate and resistance training on strength and power in older women. *Am. Coll. Sports Med. Conference*, 1997.
- Jozsi AC, SL Davey, **WW Campbell**, and WJ Evans. Strength and power changes following resistance training in older and younger women. *Am. Coll. Sports Med. Conference*, 1997.
- Waara JH, **WW Campbell**, and WJ Evans. Body composition, rather than age, predicts leg power production in elderly men and women. *Am. Coll. Sports Med. Conference*, 1997.
- Gordon SE, K Hakkinen, RU Newton, WJ Evans, **WW Campbell**, JS Volek, BC Nindl, and WJ Kraemer. Effects of age and heavy resistance exercise training on skeletal muscle calpain II concentration. *Am. Coll. Sports Med. Conference*, 1997.
- Campbell WW**, JL Beard, LJ Joseph, SL Davey, and WJ Evans. Effects of resistance training and high-dose chromium picolinate on iron status of older men. *Experimental Biology Conference*, 1997.
- Joseph LJ, SL Davey, WJ Evans, and **WW Campbell**. The effect of resistance training on serum lipid concentration in older men and women. *Experimental Biology Conference*, 1997.
- Lago DJ, C Achterberg, **W Campbell**, H Wright, P Hansen, and S Davey. "Well at Home": promoting exercise and balanced nutrition among the vulnerable rural elderly. The Gerontological Society of America Conference, 1996.
- Campbell WW**, D Cyr-Campbell, JA Weaver, and WJ Evans. Dietary energy requirements of older women. *Experimental Biology Conference*, 1996.
- Nindl BC, WJ Kraemer, RU Newton, WJ Evans, MR McCormick, JS Volek, SE Gordon, **WW Campbell**, SJ Fleck, and K. Hakkinen. The time-course for hormonal adaptations to 10 weeks of periodized strength/power training in younger versus older men. *Experimental Biology Conference*, 1996.
- Campbell WW**, MC Crim, VR Young, and WJ Evans. Increased energy requirements with resistance training in older adults. *Am. Coll Sports Med Conference*, 1994.
- Campbell WW**, MC Crim, LJ Joseph, VR Young, and WJ Evans. Protein turnover in young and older men related to fat free mass and muscle mass. *FASEB Conference*, 1992.
- Polansky MM, NA Bryden, **WW Campbell**, and RA Anderson. Aerobic training and supplemental chromium effects on chromium, copper, zinc, iron, and manganese concentrations of tissues. *FASEB Conference* 1992.
- Bathalon GP, VA Hughes, **WW Campbell**, DA Grimaldo, KJ Lutz, MA Fiatarone, and WJ Evans. Body fat estimates from underwater weight and military circumference formulae in middle-aged women. *Am. Coll. Sports Med Conference*, 1989.
- Campbell WW**, Polansky, NA Bryden, and RA Anderson. Effects of exercise training and chromium on liver glycogen metabolism in the rat. 7th International Biochemistry of Exercise Conference, 1988.
- Campbell WW**, MM Polansky, NA Bryden, JH Soares, Jr., and RA Anderson (SPON: R Russell). Effects of acute exercise and chromium on liver and muscle glycogen metabolism in the rat. *FASEB Conference*, 1988.
- Campbell WW**, MM Polansky, NA Bryden, JH Soares, Jr., and RA Anderson. Effects of exercise training and chromium (Cr) on liver and muscle glycogen metabolism in the rat. *FASEB Conference*, 1987.

Invited Scientific Presentations, Lectures and Discussion Panels:

- 06/01/22 Invited Speaker, Boston Claude Pepper Older American Independence Center, Pepper Seminar on Protein Supplementation in Older Adults. Online event. *Presentation title: Dietary protein quantity, quality, and timing influences on muscle with aging.*
- 03/22/22 Invited Speaker, National Institute on Aging, National Institutes of Health, Virtual Workshop: Development of function promoting therapies: public health need, molecular targets, and drug development. March 20-23, 2022. *Presentation title: Dietary protein quantity, quality, and timing influences on muscle with aging.*
- 2/11/21 Invited speaker, Department of Dietetics and Nutrition seminar series, University of Arkansas for Medical Sciences, Little Rock, AR. Online event. *Presentation title: Complementary plant and animal protein-rich foods, healthy eating patterns and human health.*
- 2/20/20 Invited speaker, University of Colorado School of Medicine, Anschutz Medical Campus, Aurora, CO. *Presentation title: Dietary Guidance for Healthy Eating Patterns and Protein-Rich Foods.*
- 1/23/20 Invited speaker, South Dakota Academy of Family Physicians annual meeting, Deadwood, SD. *Presentation title: Adopting a Mediterranean Diet For Health.*
- 11/14/19 Invited speaker for an International Life Sciences Institute North American Future Foods Conference, Washington, DC. *Presentation title: Nutrition Challenges and Opportunities Associated with Alternate Protein Sources for Future Foods.*
- 6/10/19 Invited speaker for an American Society for Nutrition satellite session on ‘Pulses: emerging nutrient dense sources of dietary protein for well-being,’ Baltimore, MD. *Presentation title: Complementary plant and animal protein-rich foods, healthy eating patterns and human health.*
- 5/28/19 Invited presenter, International Life Sciences Institute Protein Committee webinar. *Presentation title: Does Dietary Protein Quality Matter in a Well-Nourished Older North American Population?*
- 4/12/19 Invited speaker for the Texas Academy of Nutrition and Dietetics meeting, Arlington, TX, April 12, 2019. *Presentation title: Mediterranean Eating Patterns and Prevention of Heart Disease.*
- 4/2/19 Invited speaker and discussant, ‘Nutrition Research Mini-Summit on the Health Benefits of Mushrooms,’ hosted by the Mushroom Council, Scottsdale, Arizona, April 2-3, 2019.
- 12/4/18 Invited speaker, webinar hosted by the New York State Academy of Nutrition and Dietetics, December 4, 2018 at 1:00pm EST. *Presentation title: Can a Mediterranean diet with lean meats reduce cardiovascular risk?*
- 11/15/18 Invited speaker, The Obesity Society 2018 ObesityWeek conference, Nashville, TN. November 15, 2018, at 11am-12pm EST. *Presentation title: Debate: “One person’s meat is another person’s poison: meat-based vs. plant-based diet for obesity (pro-meat perspective).*
- 10/4/18 Invited speaker, North American Meat Institute, Washington, DC. *Presentation title: Red Meat in Healthy Eating Patterns.*
- 10/4/18 Invited discussant, Scientific Summit: a new look at dairy foods and healthy eating patterns, hosted by the National Dairy Council, Washington, DC.
- 9/27/18 Invited speaker, American Society for Nutrition continuing education webinar on Protein’s role in bone health: does protein type and amount matter? *Presentation title: Dietary Protein and Food and Nutrition Guidance.*
- 7/17/18 Invited speaker, 2018 Institute of Food Technologists national meeting, July 15-18, 2018, Chicago, IL. *Presentation title: Eating less red meat: the evidence behind the recommendation.*
- 7/11/18 Invited speaker, webinar hosted by the National Cattlemen’s Beef Association. July 11, 2018 at 12:00pm MDT. *Presentation title: Getting to the meat of the Mediterranean diet: How a Mediterranean-Style eating pattern with lean red meat can support heart health.*
- 6/26/18 Invited speaker, American Meat Science Association, 71st Reciprocal Meat Conference, June 24-27, 2018, Kansas City, MO. *Presentation title: U.S. dietary Guidelines for Health: Getting to the Meat of the Matter.*
- 6/10/18 Invited speaker, North American Chinese Society for Nutrition, annual meeting held in conjunction with the American Society for Nutrition meeting, June 9-12, 2018. Boston, MA. *Presentation title: Dietary protein and protein-rich foods: effects on body composition changes with weight loss.*

- 4/10/18 Invited speaker, 11th Annual Nutrition, Endocrinology and Food Sciences Graduate Student Conference, Rutgers University, New Brunswick, NJ. *Presentation title: Are Recommended Dietary Allowances for protein accurate and relevant for older adults?*
- 9/19/17 Invited speaker, International Whey Conference, Chicago, IL. *Presentation title: Effect of whey protein supplementation on body composition in adult women.*
- 11/29/16 Invited discussant, 2016 National Swine Research Forum, hosted by the U.S Pork Center of Excellence, November 29-30, 2016, Omaha, NE.
- 10/11/16 Invited speaker, International Conference and Exhibition on Nutraceuticals and Functional Foods 2016, Orlando, FL. *Presentation title: Dietary interventions, including functional foods, to promote lean body mass: high-protein diets.*
- 10/26/16 Invited speaker and panelist, Protein Think Tank hosted by National Cattlemen's Beef Association, Chicago, IL. *Presentation title: Opportunities and challenges for optimizing protein in healthy meals.*
- 5/25/16 Panelist, Innovation and Technology Panel: The Pantry Now Versus Your Grandmother's Pantry, Global Midwest Alliance, Chicago, IL.
- 4/19/16 Invited speaker, Grocery Manufacturers Association forum session on "Dietary Guidelines: lessons learned and implication for the future," Chicago, IL. *Presentation title: Dietary Guidance and the Future of Red Meats.*
- 3/23/16 Invited speaker, Infant Nutrition Council of America. Presentation provided via conference call. *Topic: Dietary Guidelines Process and Initiatives.*
- 3/10/16 Invited speaker, Russell Nutrition Symposium: "The New U.S. Dietary Guidelines Nutritional Perspectives and Public Health Consequences." New Jersey Institute for Food, Nutrition, and Health, Rutgers University. *Presentation title: 2015 Dietary Guidelines for Americans: what's the beef?*
- 10/28-29/15 Invited speaker, The Institute of Medicine, Food and Nutrition Board, National Academies of Sciences, Washington, DC. Meeting the dietary needs of older adults: a workshop. *Presentation title: Muscle Health: Protein.*
- 10/22/15 Invited speaker, 2015 Cornell Nutrition Conference for Feed Manufacturers., East Syracuse, New York. *Presentation title: Update on the new U.S. dietary standards.*
- 5/6/15 Invited speaker, School of Exercise and Nutritional Sciences, San Diego State University, San Diego, CA. Presentation to the Student Nutrition Organization titled, *2015 Dietary Guidelines Advisory Committee report: A scientific foundation for nutrition policy.*
- 3/28/15 Speaker, symposium on 'Nutritional Approaches for Osteosarcopenic Obesity: Interrelationships between Bone, Muscle, and Fat.' 2015 Experimental Biology meeting, Boston, MA. *Presentation title: Dietary protein intake during weight loss: does it impact bone, muscle and fat comparably?*
- 2/6/15 Invited speaker, Cattle Industry Annual Convention; San Antonio, TX. *Presentations to policy and research committees on Inclusion of Meat in Healthy Diets and the Dietary Guidelines Advisory Committee process.*
- 5/5/14 Invited speaker, symposium on 'Assessment of protein nutritional quality: digestibility and bioavailability,' The 105th American Oil Chemists Society meeting & expo, San Antonio, TX, USA. *Presentation title: Dietary protein consumption to promote human health.*
- 4/28/14 Co-chair and speaker, symposium on 'Optimizing protein quantity and distribution to improve health outcomes.' 2014 Experimental Biology meeting, San Diego, CA. *Presentation title: Protein and dietary guidance (then and now).*
- 9/24-26/13 Invited speaker, Purdue Ingestive Behavior Research Center International Conference on Eating Patterns, Diet Quality, and Energy Balance. *Presentation title: Exercise patterns, diet quality and energy balance.*
- 10/5-7/13 Invited speaker, symposium on 'Aging and amino acid metabolism: from physiopathology to therapy with a special emphasis on safe intake', The 13th International Congress on Amino Acids, Peptides and Proteins (ICAPP), Galveston, Texas, USA. *Presentation title: Essential amino acid requirements of elderly people.*
- 12/7/12 Invited speaker, International Conference on Sarcopenia Research, Orlando, FL. *Presentation title: The effects of diet and exercise on sarcopenic obesity.*

- 11/12/12 Invited speaker, Department of Nutrition and Metabolism, The University of Texas Medical Branch, Galveston, TX. Presentation title: *Dietary protein, body composition, and weight control.*
- 9/13/12 Speaker and discussant, American Association for Retired Persons and the American Federation for Aging Research seminar on optimal nutrition in older adults. Chicago, IL. Presentation title: *Protein intake for muscle mass and function.*
- 4/25/12 Chair and speaker, American Society for Nutrition late-breaking symposium on “macronutrients as tools to counter age-related changes in skeletal muscle.” 2012 Experimental Biology meeting, San Diego, CA. Presentation title: *Energy balance and macronutrient distributions: Must obese older adults compromise skeletal muscle while losing weight to improve health?*
- 3/28/12 Invited speaker, American College of Sports Medicine Health & Fitness Summit, Las Vegas, NV. Presentation: *Stronger, Healthier Boomers: the roles of resistance training and high-quality protein.*
- 2/28/12 Invited seminar speaker, School of Health Sciences, Purdue University. Presentation title: *Nutrition and Exercise: Tools to Promote Successful Aging.*
- 12/19/11 Invited speaker, Indiana Cooperative Extension Educators state-wide staff development program. Presentation title: *Dietary protein and body weight: controversies, debate and consensus.*
- 9/27/11 Invited speaker, 2011 Food & Nutrition Conference & Expo (FNCE), American Dietetic Association, San Diego, CA. Session title: *Bone and Diet: New Connections for Healthy Weight and Well-Being.*
- 9/19/11 Invited speaker and discussant, PepsiCo and the AARP/AFAR Health Promotion Institute, Seminar on Optimal Nutrition in Older Adults, September 13th, Chicago, IL. Presentation title: “*Protein intake for muscle mass and function.*”
- 8/12/11 Invited speaker, National Strength & Conditioning Association, 2011 Nutrition Symposium, Abbott Laboratories, Columbus, OH, August 12-13, 2011. Presentation title: “*Dietary energy and protein and exercise effects on weight control, body composition and health in older adults.*”
- 4/14/11 Invited speaker, Indiana Dietetic Association, Indianapolis, IN. Presentation title: “*Dietary Protein and Body Weight: Controversies, Debate, and Consensus.*”
- 3/21/11 Invited speaker, American Heart Association, Industry Nutrition Advisory Panel meeting, Atlanta, GA. Presentation title: “*Dietary Protein and Body Weight: Controversies, Debate, and Consensus.*”
- 12/7/10 Invited speaker and discussant, ASN, IFT, and IFIC grant writing webinar at the interface of food science and nutrition, focused on proposal writing tailored to USDA. Presentation title: *Solving Problems at the Interface of Food Science and Nutrition.* Co-presentation with Prof. Mario Ferruzzi.
- 4/27/10 Invited speaker, American Society for Nutrition Symposium on “Weight Management: How Much Protein Is Enough? 2010 Experimental Biology meeting, Anaheim, CA. Presentation title: *A Focus on Purposeful Weight Loss in Older Adults.*
- 9/15/08 Faculty Lecturer, National Extension Association of Family and Consumer Sciences Aging Successfully pre-conference workshop, Indianapolis, IN. Presentation title: *Nutrition and Exercise: Tools to Counter Obesity, the Metabolic Syndrome, and Sarcopenia.*
- 9/8/08 Invited speaker, EuroWhey conference, Paris, France. Presentation title: *Effects of high-protein diets on lean body mass preservation, metabolism, well-being and kidney function in weight loss.*
- 7/19/08 Invited speaker, Gatorade Sports Science Institute symposium on “Protein Nutrition for Health and Performance”, Huntington Beach, CA. Presentation title: *Manipulation of protein intake and exercise in the preservation of lean muscle and prevention of sarcopenia.*
- 6/25/08 Invited speaker, Symposium on “Consume Issues: Diet and Health”, 61st Reciprocal Meat Conference, American Meat Science Association, Gainesville, FL. Presentation title: *Uses of dietary protein to help combat obesity and sarcopenia.*
- 11/1/07 Invited speaker, Symposium on “Nutritional modulators of physical function and aging”, held by the International Academy of Nutrition and Aging at the Jean Mayer USDA Human Nutrition Research Center on Aging, Tufts University, Boston, MA, November 1-2, 2007. Presentation title: *Dietary protein, aging, and body composition: is it all down hill from here?*
- 5/1/2007 Invited speaker, Symposium on “Protein metabolism and sarcopenia in the elderly”, held by the American Nutrition Society at the 2007 Experimental Biology meeting, April 28-May 2, 2007, Washington, DC. Presentation title: *Dietary protein requirements of older persons.*

- 3/2/07 Invited speaker, University of Southern Indiana, Indiana University School of Medicine-Evansville. Presentation title "*Integrated Diet and Exercise for Successful Aging.*"
- 6/26/06 Invited speaker, Symposium on 'Whey protein: physiological effects and emerging health benefits', held at the 2006 Institute of Food Technologists meeting, Orlando, FL, June 24-28, 2006. Presentation title: "*Role of protein on muscle and body composition in elderly people.*"
- 2/17/06 Invited speaker, The Department of Human Nutrition seminar series, The Ohio State University, Columbus, OH. Lecture topic: "*Integrative Research in Nutrition, Fitness, and Aging.*"
- 11/12/04 Invited speaker, Human Performance Laboratory seminar series, Ball State University, Muncie, IN. Lecture topic: "*Dietary Protein, Exercise and Aging.*"
- 5/12/04 Purdue University Whistler Center for Carbohydrate Research Technical Conference. Lecture Topic: "*Nutrition and Exercise for Healthy Aging.*"
- 11/13/03 Invited speaker, Indiana Consultant Dietitians meeting, South Bend, IN. Lecture topic: "*Dietary Protein and Aging.*"
- 10/13/03 Invited Speaker, Department of Nutritional Sciences, The Pennsylvania State University, State College, PA. Lecture topic: "Nutrition, Exercise and Sarcopenia."
- 9/18/03 Invited speaker, Wyeth Consumer Healthcare, Madison, NJ. Lecture topic: *Nutrition and Exercise to Counter Sarcopenia.*
- 2/5/03 Invited speaker, Workplace urine specimen validity testing colloquium. February 4-6, 2003, Saddlebrook Resort, Tampa, FL. Sponsor: Federal Aviation Administration, Civil Aerospace Medical Institute. Lecture: Nutrition & Human Differences: Effects of Exercise on urinary chromium, nitrites, and specific gravity.
- 10/23/02 Invited speaker, Department of Health and Kinesiology Colloquium, Purdue University. Lecture topic: *Dietary Protein, Resistive Training, and Skeletal Muscle in Older Humans.*
- 11/8/01 Invited speaker, Indiana Consultant Dietitians meeting, held in West Lafayette, IN. Lecture topic: *Power up Seniors with protein and exercise.*
- 2/12/01 Invited speaker, Department of Endocrinology, University of Indiana School of Medicine, held at Indiana University Purdue University at Indianapolis, IN. Lecture topic: *Effects of exercise and aging on protein and energy metabolism.*
- 2/9/00 Invited speaker, Central Arkansas District Dietetic Association meeting, held at UAMS Nutrition, Metabolism and Exercise Laboratory. Lecture topic: *Integration of Nutrition and Exercise with Clinical Geriatric Research.*
- 10/30/98 UAMS Endocrine Grand Rounds. Lecture topic: *Nutrition considerations in strength training induced changes in body composition in older people.*
- 10/28/98 UAMS Geriatric Grand Rounds, held at Nutrition, Metabolism, and Exercise Laboratory.
- 10/23/98 Symposia presenter, Central States Chapter, American College of Sports Medicine, 1998 annual meeting, Kansas City, MO. Topic: *Nutrition and exercise considerations in sarcopenia.*
- 10/16/98 Faculty panel presenter, Living Longer, Growing Stronger in Arkansas: 18th Annual Aging Conference, Hot Springs, AR. Topic: *Arkansas Leads the Way-Donald W. Reynolds Center on Aging (COA).*
- 4/7/98 Faculty Lecturer, Arkansas Public Health Association Conference, Hot Springs, AR. Lecture topic: *Exercise and Nutrition.*
- 4/1997 Faculty lecturer, ACSM's Health & Fitness Summit & Exposition, New Orleans, LA, April 17-20. Lecture topics: *Ergogenic properties of chromium: fact of fiction?* and *Energy and protein requirements of older people: effects of sarcopenia and exercise training.*
- 4/1996 New York State Dietetic Association, annual meeting, April 12-13. Lecture topic: *Turning back the clock: the importance of exercise.*
- 5/1995 US Army War College Advanced Course on "Physical Performance and Physical fitness of the Army." Lecture on, *Physiological Aspects of Aging and Human Performance.* Lecture repeated in May, 1996.
- 3/1994 International faculty lecturer, 1994 biology symposium at York University, "*Physiological basis of ageing.*" Lecture topic: *Energy metabolism in aged skeletal muscle during exercise.*
- 11/1992 International faculty lecturer, First Scandinavian Congress in Sports Medicine, Holmenkollen, Oslo, Norway, lecture topic, *Exercise in the elderly.*

Additional Scientific Presentations and Lectures:

- 06-02-22 Invited Speaker, The Mushroom Council Nutrition Research Webinar. Virtual event. *Presentation title: Mushroom Nutrition Research: Your Questions Answered.*
- 05/06/22 Invited Speaker, Whey Protein Research Consortium Spring Meeting. Virtual event. *Presentation title: Whey protein supplementation effects on type 2 diabetes mellitus risk factors: systematic reviews of clinical research.*
- 06-14-21 Invited Speaker, National Chicken Council, Board of Directors meeting, Colorado Springs, CO. *Presentation title: Chicken / Poultry Consumption and Human Health: How Much is Really Known?*
- 11/17/20 Invited Speaker, Barilla Science Discovery Symposium: Next Steps. Virtual event. *Presentation title: Nutrigenomics reveals small molecule-associated changes in DASH- and MED-diet studies.*
- 11/13/20 Invited Speaker, Barilla Science Discovery Symposium: Next Steps. Online event. *Presentation title: Glycemic and cardiometabolic effects of low- versus high-glycemic index Mediterranean-style eating patterns: The MedGI-Carb Trial*
- 5/2/19 Speaker, Purdue Dept. Nutrition May Conference on “What do Americans Really Eat” And is it Feasible to Meet the Dietary Guidelines? *Presentation topic: Muscle Foods: Changes in Consumption and Dietary Guidance.*
- 9/14/18 Speaker, Purdue Interdepartmental Nutrition Program seminar series. *Presentation topic: Are Recommended Dietary Allowances for protein accurate and relevant for older adults?*
- 5/3/18 Speaker, Purdue Dept. Nutrition May Conference on Public Health: Guidance and Practice. *Presentation topic: Sharing a firsthand perspective of the Dietary and Physical Activity Guidelines Committees.*
- 2/23/18 Speaker, Purdue Dept. Nutrition Corporate Affiliates meeting. *Presentation topic: Are dietary and physical activity guidelines for Americans scientifically supported?*
- 9/21/17 Speaker, National Dairy Council, Whey Protein Advisory Panel meeting, Chicago, IL. *Presentation topic: Toned – Not Bulky: Effect of whey protein supplementation on body composition in adult women.*
- 11/11/16 Invited speaker, Purdue Dept. Nutrition Science Corporate Affiliates Program and Women’s Global Health Institute symposium on sustainability. *Presentation Topic: Foundation for Food and Agriculture - Opportunities in Nutrition and Healthy Food Choices.*
- 2/26/16 Organizer and Speaker for a symposium on dietary protein requirements for the Purdue Department of Nutrition Science Corporate Affiliates Program: *Presentation Topic: Dietary protein needs of older adults.*
- 1/21/16 Invited seminar speaker, Department of Animal Science, Purdue University, West Lafayette, IN. *Presentation: Dietary protein impacts skeletal muscle health in older humans.*
- 11/6/15 Invited discussant, Purdue University Center on Aging and the Life Course colloquium. *Topic: Designing interventions for optimal aging.*
- 5/14/15 Invited speaker, Department of Nutrition Science, Purdue University, West Lafayette, IN, symposium on *Nutrition Currency from Policy to Practice*. *Presentation: An insider report on the Dietary Guidelines for Americans 2015.*
- 3/13/15 Invited Speaker, DuPont Advisory Committee meeting, Washington, DC. *Presentation: Nutrition Policy and Impact of the 2015 Dietary Guidelines.*
- 3/12/15 Invited Speaker and consultant to Kraft Foods, Chicago, IL. *Presentation: New paradigms in protein requirements and protein quality.*
- 2/27/15 Organizer and Speaker for a symposium on the 2015 Dietary Guidelines Process, Purdue Department of Nutrition Science Corporate Affiliates Program. *Topic: Dietary Guidelines Advisory Committee experiences and perspectives.*
- 7/12/14 Scientific presentation to the Purdue Musculoskeletal and Mineral Working Group. *Topic: Bone and Diet: protein intake effects on muscle and bone during weight loss.*
- 7/21/11 Scientific presentation to the Pork Safety, Quality and Human Nutrition Committee, National Pork Board. *Topic: Dietary protein effects on body composition, appetite and health.*

- 6/29/11 Invited speaker, Glaxo-Smith-Kline Protein Science Workshop, London, UK, June 28-29, 2011. Presentation title: *Protein nutrition and appetite control*.
- 2/11/11 Faculty Discussant, Purdue University Center on Aging and the Life Course. Topic: “*The place of post-doctoral fellowships in career development.*”
- 12/17/10 Faculty Presenter, Indiana CTSI Retreat, “Advancing the Science of Translational Medicine”, Topic: *Overview of CTSI Bionutrition activities and capabilities*.
- 9/24/10 Faculty lecturer, Purdue University Department of Foods and Nutrition Corporate Affiliates Program. Lecture topic: *Dietary Protein and Body Weight: Controversies, Debate, and Consensus*.
- 1/23/09 Faculty Discussant, Purdue University Center on Aging and the Lifecourse. Topic: Interdisciplinary Research.
- 4/18/08 Faculty Lecturer, Purdue University Center on Aging and the Lifecourse. Topic: Nutrition and Exercise Countermeasures to Sarcopenia.
- 10/17/07 Faculty lecturer, Purdue Extension Educators Conference, Purdue University. Topic: *Exercise and Nutrition Countermeasures to Sarcopenia*.
- 9/28/07 Faculty lecturer, Department of Foods and Nutrition, Corporate Affiliates Program. Topic: *Higher Protein Diets to Combat Sarcopenia*.
- 9/25/06 Purdue University Center on Aging and the Lifecourse 10th anniversary symposium. Panelist for discussion on academic development and publishing.
- 2/2/06 Faculty lecturer, Purdue University Department of Foods and Nutrition Corporate Affiliates Program. Lecture topic: *Influence of dietary calcium and dairy on postprandial thermogenesis and macronutrient oxidation in adolescents*.
- 1/6/05 Scientific Advisory Board presentation, Experimental and Applied Sciences Corp. (EAS). Lecture topic: *Macronutrient Intake and Food Rheology: Effects on Appetite, Food Intake, Glucose Metabolism, and Body Composition*.
- 9/25/03 Faculty lecturer, Purdue University-University of Alabama Botanical Center for Age Related Diseases workshop on Methods for In Vivo and Clinical Studies for Botanicals Research Training Session. Lecture and one-hour laboratory topic: *Human Body Composition*.
- 9/6/02 Seminar speaker, Interdepartmental Nutrition Program and Department of Foods and Nutrition Corporate Affiliates Program, Purdue University. Lecture topic: *Protein Needs of Older Humans: An Update*.
- 5/10/02 Faculty lecturer, Department of Foods and Nutrition symposium on Strategies to Improve your Mood, Performance, and Health, Purdue University. Lecture topic: *Macronutrients and Supplements for Athletes and Non-Athletes*.
- 5/4/01 Faculty lecturer, Department of Foods and Nutrition symposium on Nutrition and Exercise for Successful Aging, Purdue University. Lecture topic: *Protein and Energy Needs of Older People: Does Exercise Matter?*
- 2/18/99 Research seminar presenter, the Arkansas Children’s Hospital Research Institute, and the Arkansas Children’s Nutrition Center, Little Rock, AR. Lecture topic: *Effects of diet and resistance training on protein metabolism and requirements, body composition and skeletal muscle in older people*.
- 2/9/99 *Exercise and Aging* teleconference, sponsored by the UAMS Reynolds Department of Geriatrics, the Central Arkansas Veterans Healthcare System Geriatric Research, Education and Clinical Center, and the Oklahoma Geriatric Education Center.
- 9/16/98 Faculty Lecturer, “Nutrition & Aging XIII: Nutrition, Exercise and Aging” conference, Little Rock, AR. Lecture topic: *Protein Requirements of the Elderly*.
- 11/1996 Mid-Atlantic Regional Chapter of the American College of Sports Medicine, annual meeting, November 8-10. Symposium, Physical Activity, Nutrition, and Aging. Lecture topic: *Impact of physical activity on energy and protein requirements of older adults*.
- 7/1995 Faculty lecturer, Nutrition and Exercise Institute, The Pennsylvania State University, July 21-23. Lecture topic: *Protein and energy requirements in the elderly*.
- 6/1995 Symposium, Protein metabolism and exercise. 1995 Am. Coll. Sports Med. Conference. Lecture topic: *Overview of protein metabolism: methods used for the assessment of protein requirements and protein requirements through the life cycle*.

- 7/1994 Sport Science for Coaches and Trainers, Summer conference at The Pennsylvania State University, Lecture topic: *Protein and Performance*.
- 4/1992 Symposium, Aging and body composition: technological advances and physiological interrelationships. 1992 FASEB Conference. Lecture topic: *Musculoskeletal mass and function in the elderly*.
- 4/1992 American Institute of Nutrition/Procter and Gamble Graduate Student Research Awards Competition, FASEB Conference. Presentation titled: *Protein turnover in young and older men related to fat free mass and muscle mass*.
- 4/1991 Harvard Medical School and New England Deaconess Hospital, 'Current advances in nutritional medicine and disease prevention.' Presented an interactive workshop titled, *Individualizing and exercise program*.

Community Service Presentations:

- 4/19/17 Purdue Retirees Association. Presentation on "Eating healthy for a better retirement: foundations of the Dietary Guidelines for Americans."
- 9/2/11 Indiana Area Five Agency on Aging Senior Games, Logansport, IN. Presentation on the importance of exercise and diet for healthy muscles.
- 8/5/10 Lafayette Urban Ministries Summer Camp 2010 – "Science – Exploring the Possibilities." Presentation to three groups of 8-10 year-old campers on "The ins and outs of energy – balancing calories between food and exercise". Hanging Rock Christian Assembly Camp, West Lebanon, Indiana.
- 9/25/09 Purdue University President's council Back-to-Class Seminar presentation on *Get Better with Age: Research Shows How to Combat Loss of Muscle Mass*.
- 7/6/09 Purdue Retirees Association. Presentation on Healthy Aging.
- 4/29/09 Purdue Retirees Association. Presentation on Nutrition, Exercise, and Sarcopenia.
- 9/18/08 University Place Retirement Community, West Lafayette, IN. Presentation on Nutrition and Exercise as tools to prevent and treat sarcopenia.
- 5/21/08 Mary L. Matthews Club, discussion about nutrition and exercise for seniors.
- 2/9/08 Purdue University President's Council Seminar presentation on Exercise and Nutrition for older persons. Mollenkoph Back-to-Class weekend, Naples, FL.
- 1/26/08 Westminster Village Retirement Community Men's Club, West Lafayette, IN. Presentation and discussion on the benefits of nutrition and exercise for older people.
- 10/5/07 Purdue University President's Council Seminar presentation on *Exercise and Nutrition: Effects on Body Composition in Older People*.
- 5/18/06 Battleground Elementary School 2nd grade class presentation on Food Guide Pyramid and healthy eating and exercise behaviors for children.
- 4/7/06 School of Consumer and Family Sciences and CFS Alumni Association, Felker series lecturer. Presentation on *Integrative Nutrition, Exercise, and Aging Research*.
- 2/6/06 Sagamore Council Cub Scouts, troop 3311. Presentation to Wolf Cubs den on healthy snacks.
- 4/20/05 Sycamore Council Girl Scouts. Presentation to troop on healthy eating for girls.
- 1/24/05 Sagamore Council Boy Scouts, troop 3311. Presentation to Tiger Cubs den on physical activity and exercise.
- 1/11/05 Sagamore Council Boy Scouts, troop 3311. Presentation to Tiger Cubs den on healthy eating and Food Guide Pyramid.
- 10/15/04 School of Consume and Family Sciences, Festive Friday and Homecoming presentation titled, *Couches and Calories: Weighing the Issues of Obesity*.
- 9/22/04 Purdue University Retirees Association. Living to 100 – In Style! Symposium at University Inn, West Lafayette, IN. Presentation title: Nutrition and Exercise: Strong Tools for Strong Seniors.
- 3/4/04 Lafayette/West Lafayette Kiwanis. Presentation on "Have you lost it and do you care? Strength training for Seniors."
- 1/21/04 Purdue University Community Relations Advisory Committee, West Lafayette, IN. Hosted group at Department of Foods and Nutrition and lead discussion on Nutrition, Exercise and Aging Research.

- 4/3/03 Wabash Area Lifetime Learning Association, West Lafayette, IN. Presentation on “Senior Nutrition.”
- 3/26/03 Hoosier Hospitality Conference, Indianapolis, IN. Presentation on “Healthy Lifestyles versus Obesity.
- 9/27/02 School of Consumer and Family Sciences, Back-to-class alumni presentation titled, *Age Healthfully with good nutrition and exercise.*
- 3/19/99 Senior Programs of Arkansas (SPARK) meeting, Presentation of nutrition and exercise research efforts by Donald W. Reynolds Department of Geriatrics.
- 3/11/99 Conway Rotary Club, Conway, AR. Presentation on “Exercise, Nutrition and Aging Research at UAMS and the VA.
- 2/4/99 Shepherd’s Center of Southwest Little Rock, AR. Presentation on “Exercise, Nutrition and Aging,” in conjunction with the organization’s ‘Adventures in Learning’ program.
- 1/7/99 American Association of Retired Persons, Chapter 2362, Little Rock, AR. Presentation on “Healthy Aging with Exercise and Nutrition.”
- 5/27/98 Outlook Pointe Assisted Living Community, Sherwood, AR. Presentation to community health professionals on “Beating the Clock: Can Exercise Slow the Aging Process.”
- 4/29/98 Walton Life Fitness Center, Bentonville, AR. Presentation on “The importance of strength training for seniors” to Walton Life Fitness Center staff, members and invited community health providers.
- 2/24/98 ‘February Fabulous Geriatrics’ program, held at the Rivermarket, Little Rock, AR, and co-sponsored by the American Association of Retired Persons and the city of Little Rock, AR. Presentation on “*Healthful exercise and nutrition for seniors*”.
- 2/1997 The Pennsylvania State University, continuing education workshop on, “Fitness and Nutrition for Women.” Presented a 3-hour lecture/workshop on strength training.
- 11/1995 Centre County, Pennsylvania, chapter of the American Association of Retired Persons, community presentation on the benefits of strength training for seniors.
- 4/1995 Centre County Senior Center, community presentation on initiating a strength training program for frail elderly people.
- 7/1993 Summit Quest Regional Health and Fitness Center, Bedford, PA. Lecture on wellness and aging.
- 1/1993 Massachusetts Institute of Technology, Adult Health Education Series, two-part lecher/workshop on, *An introduction to weightlifting for adults of all ages.*
- 4/1992 Massachusetts Institute of Technology, Adult Health Education Series, lecture/workshop on, *An introduction to walking for health and fitness by adults of all ages.*

Professional Society Scientific Meeting Support:

- 11/2014 Abstract reviewer, American Society for Nutrition, in support of the 2015 ASN national meeting in Boston, MA.
- 4/2011 Mini-symposium session co-chair, *Nutrition and age-related changes in body composition*; Am. Soc. Nutr., Experimental Biology meeting, Washington, DC.

University Activities:

Purdue

Purdue Committees:

- 7/1/2019-6/30/2021 Member of the Purdue University Institutional Review Board (IRB), Office of the Executive Vice President for Research and Partnerships.
- 7/2013-6/2016 Representative to Purdue University Senate.
- 10/2015-6/2016 Member, Purdue University Senate Nominating Committee.
- May 2012 Member, grant review committee, Bindley Bioscience Center Research Fellows and Scholars Initiative.
- 9/2011-2/2012 Member, Search and Screen Committee to hire an Assistant Vice President for Research – Regulatory Affairs, Office of the Vice President for Research.
- 11/2011 Consultant/Discussant on University-wide undergraduate honors college initiative.
- 2-11-2013 Member, F&A Working Group, Office of the Vice President for Research.
- 2005-2016 Member, Ingestive Behavior Research Center Steering Committee.

- 9/04-1/06 Member, Search and Screen Committee to hire a Director of the Regenstrief Center for Healthcare Engineering.
8/01-5/05 Member of the Gerontology Program Steering Committee.
9/00-2007 Member of the Ismail Center Research Committee.

College of Health and Human Sciences Committees:

- 7/2021-present Member, College AREA Committee (promotion, tenure, and honorary awards committee)
7/2021-present Member, College Research Advisory Committee
3/2011-6/2013 Chairman, College of Health and Human Sciences Faculty Affairs Committee.
2011 Chairman, College of Health and Human Sciences Dean-appointed faculty/staff committee to evaluate Administrative Head of the Department of Nutrition Science.
9/2010-12/2010 Member, Search and Screen Committee to hire an Associate Dean for Research and Graduate Programs, College of Health and Human Sciences.

Department of Nutrition Science Committees:

- 8/2021-present Member, Interdepartmental Nutrition Program Executive Committee
8/2021-present Chair, Space Utilization/Safety Committee
2018-2020 Member, Outreach Committee
2018-2019 Member, Undergraduate Teaching Committee

Search and Screen Committees

- 09/2021-present Chair, Search and Screen Committee to hire assist./assoc. professor in Department of Nutrition Science.
9/2020-05/2021 Member, Search and Screen Committee to hire assoc./full professor in Department of Nutrition Science, with service as director of the Purdue Clinical Research Center.
9/2014-8/2015 Member, Search and Screen Committee to hire continuing lecturer in Department of Nutrition Science to support teaching classes in Nutrition, Fitness, and health major.
7/2014 Faculty reviewer for Nutrition Science graduate student teach assistant award.
1/2013-8/2013 Chair, Search and Screen Committee to hire continuing lecturer in Department of Nutrition Science to support teaching classes in Nutrition, Fitness, and health major.
9/2012-5/2013 Chair, Search and Screen Committee to hire tenure-track faculty in Department of Nutrition Science, Appetite, Metabolism, and Obesity signature area.
Fall 2011 Member, Search and Screen Committee to hire an instructor for Nutrition, Fitness, and Health undergraduate major, Department of Nutrition Science.
Fall 2010-2011 Chair, Department of Foods and Nutrition Undergraduate Evaluation Task Force.
2/2011-6/2011 Chair, Search and Screen Committee to hire tenure-track faculty in Department of Foods and Nutrition, Diet, Energy Balance and Fitness signature area.
9/2003-5/2007 Member, Search and Screen Committee to hire Gastrointestinal Physiology/Nutrition faculty member in Department of Foods and Nutrition.
9/2000-5/2001 Chair, Search and Screen Committee to hire Continuing lecturer in Nutrition, Fitness, and Health in the Department of Foods and Nutrition.
9/2000-3/2001 Member of the Search and Screen committee to hire professional staff member to teach F&N 415, advise F&N undergraduate students majoring in Nutrition, Fitness and Health, and provide nutrition support to the athletics teams at Purdue.

Other Committees

- 4/2013 HATCH review committee member for Nana Gletsu-Miller.
2011-2013 Member, Department of Nutrition Science Teaching Subcommittee on undergraduate curriculum re-structuring.

- 9/2010-8/2012 Chair, Department of Nutrition Sciences Faculty Affairs Committee. Responsible for Department name change; Department Head review; and updating promotion and tenure documents for research and clinical faculty.
- 9/2002-10/2003 Member of the Discovery and Engagement committees for the USDA CSREES Fall 2003 evaluation of the Department of Foods and Nutrition.
- 5/2002 Member of the organizing committee for the "Strategies to Improve Your Mood, Performance, and Health: Do Diet and Supplements Help?" symposium, Department of Foods and Nutrition, May 10, 2002.
- 5/2001 Member of the organizing committee for the "Nutrition and Exercise for Successful Aging" symposium, Department of Foods and Nutrition, May 4, 2001.

Gerontology Program:

- 2009 Member of Organizing Committee for Center on Aging and the Life Course symposium "The Aging Brain", September 11, 2009.
- 3/01 Scientific reviewer of proposals for the Purdue University Gerontology Program Pilot Grants, 2001.

Other Search and Screen Committees

- 09/2021-present Member, Search and Screen Committee to hire assist./assoc. professor in Purdue Libraries and School of Information Studies.
- 10/06-6/09 Member, Search and Screen Committee to hire a clinical faculty member in the Department of Health and Kinesiology to direct the Ismail Center for Health, Exercise, and Nutrition.
- 9/04-1/05 Member, Search and Screen Committee to hire faculty member in the Department of Psychological Sciences.
- 9/03-5/04. Member, Search and Screen Committee to hire Exercise Physiology/Gerontology faculty member in Department of Health and Kinesiology.

UAMS

- 9/99-6/00 Faculty member of the "Committee for Allocation of Graduate Student Research Funds (CAGSRF). UAMS Graduate School.
- 1/20/99 Internal review committee member for Dr. Kathy Richard's proposal titled, *The effect of activity, exercise and sleep hygiene on sleep*, submitted for external funding, UAMS College of Nursing.
- 12/12/98 Faculty interviewer of prospective medical students, UAMS College of Medicine.
- 8/24/98 Scientific presentation and tour of Nutrition, Metabolism, and Exercise Laboratory given to UAMS Dietetic Internship students.
- 5/1/98 Scientific reviewer for The Research Fund Allocation Subcommittee of the Research Committee in the UAMS College of Medicine.
- 2/20/98 Faculty assistant at Donald W. Reynolds Department of Geriatrics booth, UAMS-sponsored Arkansas Senior Expo, Benton, AR.
- 2/18/98 Faculty attendee, UAMS medical student geriatrics interest group meeting, UAMS campus.
- 10/1997 Guest Faculty lecturer, NUTR 5032 Assessment of Nutritional Status, UAMS Department of Dietetics and Nutrition, topic: *Body Composition Assessment and Energy Metabolism*.