



David Klurfeld PhD has been National Program Leader for Human Nutrition in the Agricultural Research Service of the U.S. Department of Agriculture since 2004. He is responsible for the scientific direction of the intramural human nutrition research conducted by USDA laboratories. Prior to government service, he was Professor and Chairman of the Department of Nutrition & Food Science at Wayne State University in Detroit, Michigan for 12 years. Before that he was on the faculty of The Wistar Institute and the University of Pennsylvania School of Medicine for 15 years. His research focused on the relationship of diet and prevention of chronic diseases, primarily heart disease and cancer. Among his scientific discoveries are the first demonstration that red wine consumption resulted in fewer cardiovascular lesions, that the cholesterol-filled cells in human arterial lesions are white blood cells, that reducing calories was more important than reducing fat in the diet for decreasing cancer growth, and a mediator of this last effect was likely IGF-1. Dr. Klurfeld has published more than 200 peer-reviewed articles and book chapters. He was Associate Editor of the American Journal for Clinical Nutrition from 2007 to 2019. He was elected a Fellow of the American Society for Nutrition (ASN) in 2018, received the Ralph Holman Lifetime Achievement Award from the American Oil Chemists Society in 2019, and the David Kritchevsky Career Achievement Award from ASN in 2020. Dr. Klurfeld received his undergraduate degree in general agriculture from Cornell University and both master's and doctorate degrees in pathology from the Medical College of Virginia.



Fabiana Moura PhD is a Nutritionist for the FDA's Center for Food Safety and Applied Nutrition (CFSAN), in the Office of Nutrition and Food Labeling, Division of Nutrition Program Staff. She reviews the scientific evidence for nutrition labeling, including meeting the FDA definition of dietary fiber, health claims, and amendments to the Nutrition and Supplement Facts labels. Prior to joining the FDA, Dr. Moura was a research fellow at the International Food Policy Research Institute/HarvestPlus where she was overseeing the implementation of the nutrition research portfolio of biofortified crops in Africa and Asia, working closely with over 40 collaborators worldwide. She also worked at the Life Science Research Organization (LSRO) where she conducted a systematic review that applied the FDA definition of whole grains for the evaluation of cardiovascular disease and diabetes health claims. Dr. Moura holds a Ph.D. in Human Nutrition from the University of Maryland. She was a postdoctoral research fellow at the University of California at Davis investigating the human metabolism of micronutrients and carotenoids by using a radioisotope technique. She also holds a M.S in Food Science from Campinas State University (UNICAMP) and B.S. in Food Engineering from Viçosa Federal University, both accredited universities in Brazil. She has published over 25 peer-reviewed journal articles and book chapters.



Michael Camilleri MD is a consultant in the Division of Gastroenterology and Hepatology at Mayo Clinic in Rochester, Minnesota, and is Professor of Medicine, Pharmacology, and Physiology at Mayo Clinic College of Medicine and Science. His research interests include clinical enteric neurosciences, gut neurohormonal control, obesity, irritable bowel syndrome, and pharmacology and pharmacogenomics; his work is funded by National Institutes of Health. He has received numerous awards and honors including the 2012 Ismar Boas Medal from the German Society of Digestive and Metabolic Disease, the 2012 American Gastroenterological Association (AGA) Distinguished Mentor Award, the Janssen Research Award, the Joseph B. Kirsner Award from the AGA, honorary doctorates from University of Antwerp (Belgium) and University of Malta, and was elected to the membership of the Association of American Physicians. He is past-president of the American Neurogastroenterology and Motility Society and the American Gastroenterological Association, former editor of *Clinical Gastroenterology and Hepatology* and *Neurogastroenterology and Motility*, and is currently an associate editor of *American Journal of Physiology*.



Prof. Dr. Paul de Vos graduated in 1992 from the university of Groningen as immunologist and obtained his PhD in 1996. Since 1996 he is active in several lines of research related to Diabetes and carbohydrates. The de Vos-group based at the University Medical Center Groningen, The Netherlands is multidisciplinary and composed of immunologists, polymer-chemists, and endocrinologists. Research efforts go from basic knowledge of carbohydrates, microorganisms to stimulation of pattern-recognition receptors and related immunological properties. More than 260 peer-reviewed manuscripts have published by the de Vos-group. The group is focusing on function-effector relationships between specific carbohydrates and the host immune or endocrine system. By applying tailored-made polymers immunological processes can be changes and disease prevented. Paul de Vos is principle investigator and project leader in Carbohydrate Competence Center (CCC) and is also member of the juvenile diabetes research foundation (JDRF) funded 'encapsulation consortium'.



John F. Cryan is Professor & Chair, Dept. of Anatomy & Neuroscience, University College Cork, Ireland and is also a Principal Investigator at APC Microbiome Ireland. Prof. Cryan's current research is focused on understanding the interaction between brain, gut & microbiome and how it applies to stress, psychiatric and immune-related disorders at key time-windows across the lifespan. He works at the translational interface both in humans and animal models. Prof. Cryan has published over 500 articles and has a H-index of 123 (Google Scholar). He is a Senior Editor of *Neuropharmacology*, *Neurobiology of Stress* and of *Nutritional Neuroscience* and is on the Editorial Boards of a further 15 journals. He has edited books on *"Behavioural Neurogenetics"* (Springer Press, 2012) on *"Depression: From Psychopathology to Pharmacotherapy"* (Karger Press, 2010) and *"Microbial Endocrinology: The Microbiota-Gut-Brain Axis in Health and Disease"* (Springer Press, 2014). He is co-author of the bestselling *"The Psychobiotic Revolution: Mood, Food, and the New Science of the Gut-Brain Connection"* (National Geographic Press, 2017). He has received numerous awards including UCC Researcher of the Year in 2012; UCC Research Communicator of the Year 2017, the University of Utrecht Award for Excellence in Pharmaceutical Research in 2013 and being named on the Thomson Reuters Highly Cited Researcher list in 2014 and Clarivate Analytics Highly Cited Researcher list from 2017 to the present. He was elected a Member of the Royal Irish Academy in 2017. He also received a Research Mentor Award from the American Gastroenterology Association and the Tom Connor Distinguished Scientist Award from Neuroscience Ireland in 2017 and was awarded an honorary degree from the University of Antwerp, Belgium In 2018. He was a TEDMED speaker in 2014, TEDx in 2017 and is immediate Past-President of the European Behavioural Pharmacology Society.



Connie Weaver PhD is a Distinguished Professor Emerita of Nutrition Science at Purdue University, Indiana and CEO of Weaver and Associates Consulting, LLC. She is an elected member of The National Academies of Science, Engineering, and Medicine since 2010. She is a fellow of the American Nutrition Society, the Institute of Food Technologists, the American College of Nutrition, and the American Heart Association. She is a member of the Board of ILSI GC and a on the Science Advisory Boards of FDA, Biofortis, the California Prune Board, and California Walnut Board. Dr. Weaver is past president of American Society for Nutritional Sciences. Her honors include the Spirit of the Land Grant Award (2013), the Herbert Newby McCoy recipient (2012, this award is the most prestigious research honor given by Purdue University), the Trailblazer Award (2016, an award to recognize “exceptional leaders”) by the Institute of Food Technology (IFT) and the Academy of Nutrition and Dietetics (AND), and the David Kritchevsky Lifetime Achievement Award (2017, American Society for Nutrition). Dr. Weaver was appointed to the 2005 Dietary Guidelines Advisory Committee for Americans. Dr. Weaver received a B.S. and M.S. from Oregon State University and a PhD from Florida State University in food science and human nutrition.



Dr. Nicola McKeown is Scientist I in the Nutritional Epidemiology Team at the Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University. She is internationally renowned for her research examining the impact of carbohydrate sources, in particular whole-grains, in promoting health. Since 2013, she has led the development of the 'Diet-Related Fibers and Human Health Outcomes Database' which is a publicly available resource, updated annually, providing a variety of users (ie. academic, industry, etc) with a tool to search published literature from over 1,290 intervention studies on dietary fibers and health outcomes. Dr. McKeown is an Associate Professor at the Friedman School of Nutrition Science and Policy at Tufts and holds a secondary faculty position in the Department of Public Health & Community Medicine.



Dr. Hannah Holscher, PhD is an assistant professor of nutrition in the Department of Food Science and Human Nutrition, and a member of the Division of Nutritional Sciences, the Institute of Genomic Biology, and the National Center for Supercomputing Applications at the University of Illinois, where she has been a faculty member since 2015. Before joining the faculty, she completed postdoctoral training focused on the human microbiome, as well as a Ph.D. in Nutritional Sciences and a B.S. in Food Science and Human Nutrition at the University of Illinois. She is also a Registered Dietitian. Research in Dr. Holscher's laboratory integrates the areas of nutrition, gastrointestinal physiology, and the microbiome. Using clinical and computational approaches, she has contributed critical foundational studies, as well as translational, impactful research in the emerging field of nutritional microbiology. Her research is contributing to a more comprehensive understanding of the impact of diet on the human gut microbiome, allowing us to move toward evidence-based recommendations for diet–microbiota-tailored therapies to improve human health.



Dr. Wendy Dahl is an associate professor of nutritional sciences and Extension specialist in the Food Science and Human Nutrition Department at the University of Florida. She received her PhD in nutrition from the University of Saskatchewan, where she continues to hold an adjunct affiliation with its College of Pharmacy and Nutrition. Dr. Dahl is a Fellow of Dietitians of Canada. She leads research examining the effects of fiber, prebiotics, and probiotics on gastrointestinal health and disease.



DeAnn Liska, PhD is the Associate Vice Chancellor for Strategic Affairs at Texas A&M Agrilife, a role she began in January 2020 after spending more than 25 years in strategic leadership roles across the food and nutrition industry. The prior 5 years, Dr. Liska led the scientific strategy, clinical science and biostatistics teams at Biofortis, a CRO division of Merieux NutriSciences. Past roles for Dr.Liska also include leading the US and global nutrition science teams at Kellogg's, managing analytical and research sciences at Ocean Spray, and heading clinical and scientific affairs at Metagenics, a medical foods company serving the healthcare industry. DR. Liska has authored over 50 peer-reviewed primary publications and is co-inventor of 17 patents. She has served as a Trustee for the International Life Sciences Institute-NA (ILSI-NA), and on advisory panels for the Council for Responsible Nutrition (CRN) and Cornell University Nutrition Sciences Division. Dr. Liska received her B.S. (chemistry) from Portland State University, Ph.D. (biochemistry) from the University of Wisconsin, and was a Research Assistant Professor at the University of Washington prior to joining industry.



Kristin Verbeke graduated from the KU Leuven, Belgium as a pharmacist in 1991. She obtained a PhD in Pharmaceutical Sciences at the Laboratory of Radiopharmaceutical Chemistry in 1995 and subsequently spend a postdoctoral period in developing radioactively labelled compounds. In 2002, she was appointed at the department of gastroenterology of the Medical Faculty of the Leuven University where she got involved in the use of stable isotope labelled compounds to evaluate gastrointestinal functions. Within the University Hospitals Leuven, she is responsible for the clinical application of diagnostic breath tests. Her current research interest specifically addresses the microbial bacterial metabolism in the human colon. Her team has developed several analytical techniques based on mass spectrometry and stable isotope or radioisotope technologies to evaluate several aspects of intestinal metabolism and function in humans (transit time, intestinal permeability, carbohydrate fermentation, protein fermentation, metabolome analysis). Collaborative research has allowed showing an aberrant bacterial metabolism in patient groups with end stage renal failure, inflammatory bowel diseases, irritable bowel disorders and alcohol abuse. These collaborations all have resulted in high quality peer-reviewed papers. In addition, she showed the impact of dietary interventions (modulation of macronutrient composition, pre- or probiotic interventions) on the microbial metabolism and its impact on health. As a PI, she acquired grant support from the university and different funding bodies and successfully completed these projects. Similarly, she supervised several PhD projects that all resulted in the achievement of a PhD degree. Her research resulted in over 180 full research papers. Together with colleague Prof. J. Delcour, she is beneficiary of the W.K. Kellogg Chair in Cereal Sciences and Nutrition (2010-2020). She is the president of the Belgian Nutrition Society, the vice-chair of the Leuven Food Science and Nutrition Center and the co-chair of the Prebiotic task force at ILSI Europe. Furthermore, Kristin Verbeke is the editor of the journal Gut Microbiome and member of the editorial board of Gastrointestinal Disorders. She is highly motivated to collaborate in multidisciplinary teams as bringing researchers together with expertise from different backgrounds is key to the development of new insights and exciting science.



Dr. Chumpitazi is an Associate Professor Pediatrics at Baylor College of Medicine, and the Director of the Neurogastroenterology and Motility Program at Texas Children's Hospital. He is a board certified pediatric gastroenterologist. He completed his pediatrics training at Columbia University College of Physicians and Surgeons and his gastroenterology fellowship at Harvard Medical School. During his training in pediatric gastroenterology, he learned that despite the large number of children affected, the area of pediatric gastrointestinal functional (e.g. irritable bowel syndrome) and motility disorders was scientifically underserved. Dr. Chumpitazi's primary clinical research efforts have focused elucidating the interaction of diet (e.g., carbohydrates) and the gut microbiome to induce symptoms in children with irritable bowel syndrome.



Joanne L. Slavin, PhD, RDN is a professor in the Department of Food Science and Nutrition at the University of Minnesota - Twin Cities and teaches Advanced Human Nutrition. With the help of current and former graduate students (n=80), she has authored more than 300 scientific articles on dietary fiber, carbohydrates, whole grains, protein, snacking, and the role of diet in disease prevention. Joanne was a member of the 2010 Dietary Guidelines Advisory Committee (DGAC). She is a Science Communicator for the Institute of Food Technologists (IFT) and a member of numerous scientific societies, including the Academy of Nutrition and Dietetics (AND) and the American Society for Nutrition (ASN). Dr. Slavin has given more than 350 scientific presentations around the world. She grew up on a dairy farm in Wisconsin which she still owns with her sisters. She has BS, MS, and PhD degrees from the University of Wisconsin-Madison and is a Registered Dietitian (RDN).