



American Heart Association®

Epidemiology, Prevention,
Lifestyle & Cardiometabolic Health

EPI|Lifestyle Scientific Sessions 2022

March 1-4, 2022 | Hilton Chicago, Chicago, Illinois

Sponsored by the Council on Epidemiology and Prevention and
the Council on Lifestyle and Cardiometabolic Health

Invited Lecturers



DAVID KRITCHEVSKY MEMORIAL LECTURESHIP IN PREVENTIVE CARDIOLOGY

Sponsored by the Council on Lifestyle and Cardiometabolic Health

The Kritchevsky Lecture was established in 2007 to honor David Kritchevsky who made fundamental contributions to our knowledge of diet and its impact on atherosclerosis. He was one of the first scientists to study the link between cholesterol and cardiovascular risk. Subsequently, he reported that on the differential effects of animal and vegetable proteins on atherosclerosis.



Alice H. Lichtenstein, DSc, FAHA
Nutrition in the 21st Century, Getting Our Bearings
Thursday, March 3, 2022 at 8:30 am

Dr. Lichtenstein is the Stanley N. Gershoff Professor of Nutrition Science and Policy at the Friedman School, and Director of the Cardiovascular Nutrition Laboratory and Senior Scientist at the Jean Mayer USDA Human Nutrition Research Center on Aging, at Tufts University. She holds secondary appointments as an Associated Faculty member in the Institute for Clinical Research and Health Policy Studies at Tufts Medical Center and Professor of Medicine at Tufts University School of Medicine. In 2005, Dr. Lichtenstein was awarded an honorary doctoral degree from the medical faculty of the University of Eastern in Finland. She received a BS from Cornell

University, MS from Pennsylvania State University, MS and DSc. from Harvard University, and post-doctoral training at the Cardiovascular Institute at Boston University School of Medicine. Dr. Lichtenstein's career research has focused on assessing the interplay between diet and cardiometabolic risk factors. Past and current work includes addressing issues related to trans fatty acids, soy protein and isoflavones, sterol/stanol esters, novel vegetable oils differing in fatty acid profile and glycemic index, primarily in postmenopausal females and older males. Additional work is focused on population-based studies to assess the relationship between nutrient biomarkers and cardiovascular disease risk, and application of systematic review methodology to the field of nutrition. She has served on committees for the American Heart Association, National Academies of Sciences, Food and Drug Administration, and US Departments of Agriculture and Health and Human Services. She currently serves as an Associate Editor of the *Journal of Lipid Research*, and Executive Editor of the *Tufts Health and Nutrition Letter*.

RICHARD D. REMINGTON METHODOLOGY LECTURE

Sponsored by the Council on Epidemiology and Prevention

The Remington Lecture was established in 1994 in honor of Richard Delleraine Remington, PhD, the former chair of the Council on Epidemiology and Prevention and past recipient of the American Heart Association's Gold Heart Award and Award of Merit. He focused on the decline in funding for cardiovascular research, thereby stimulating an increase in funding.



Miguel Hernán, MD

Do lifestyle interventions work? The promises and challenges of causal Inference from cohort studies.

Friday, March 4, 2022 at 8:30 am

Dr. Miguel Hernán conducts research to learn what works to improve human health. He is the Director of the CAUSALab at the Harvard T.H. Chan School of Public Health, where he and his collaborators design analyses of healthcare databases, epidemiologic studies, and randomized trials. As Kolokotronis Professor of Biostatistics and Epidemiology, he teaches causal inference methodology at the Harvard Chan School and clinical epidemiology at the Harvard-MIT Division of Health Sciences and Technology. His edX course "Causal Diagrams" and his book *Causal Inference: What If*, co-authored with James Robins, are freely available online and widely used for the training of researchers. Miguel is an elected Fellow of the American Association for the Advancement of Science and of the American Statistical Association, Editor Emeritus of *Epidemiology*, and past Associate Editor of *Biometrics*, *American Journal of Epidemiology*, and the *Journal of the American Statistical Association*.

WILLIAM B. KANNEL, MD, MEMORIAL LECTURESHIP IN PREVENTIVE CARDIOLOGY

Sponsored by the Council on Epidemiology and Prevention and American Society for Preventive Cardiology

The Kannel Lecture was established in 2013 jointly by the Council on Epidemiology and Prevention and the American Society of Preventive Cardiology to honor Dr. Kannel's dedication to the field of cardiovascular epidemiology.

Dr. Kannel was a past Chairman of the Council of Epidemiology of the American Heart Association and a past Chief of the Section of Preventive Medicine and Epidemiology in the Department of Medicine at Boston University Medical Center. He held faculty appointments at Harvard Medical College and was a Senior Research Associate in the Center for Technology and Policy at Boston University.



Dan Roden, MD, FAHA

**Big Data and Little Data Approaches to Personalizing Medicine
Friday, March 4, 2022 at 1:30 pm**

Dr. Dan Roden is a Professor of Medicine, Pharmacology, and Biomedical Informatics and Senior Vice-President for Personalized Medicine at Vanderbilt University Medical Center. His research program studies how genetic variation affects human disease susceptibility, with a focus on pharmacogenetics, and on genetic determinants of abnormal heart rhythms, especially those induced by drugs. After serving as chief of Clinical Pharmacology for 12 years, he was tasked in 2006 with leading Vanderbilt's efforts in Personalized Medicine. Under his leadership, Vanderbilt has become internationally recognized for cutting edge programs in this area, including the large (250,000 sample) biobank BioVU and the EHR-based preemptive pharmacogenetic program PREDICT. He served as Principal Investigator for the Vanderbilt sites of the Pharmacogenomics Research Network (2001-2021), and currently serves as PI for the Vanderbilt site of the Electronic Medical Records and Genomics (eMERGE) Network (2007-2025), and the All of Us Data and Research Center.

Dr. Roden has received the American Society for Clinical Pharmacology and Therapeutics' Leon Goldberg Young Investigator Award, Rawls Palmer Progress in Science Award, and the Oscar Hunter Career Award; the Distinguished Scientist Award from the Heart Rhythm Society; the Distinguished Scientist Award and the inaugural Functional Genomics and Translational Biology Medal of Honor from the American Heart Association; the Alumnus Lifetime Achievement Award and the Louis and Artur Lucian Award in Cardiovascular Research from McGill; and the Jay and Jeanie Schottenstein Prize in Cardiovascular Sciences from the Ohio State University. He has been elected to membership in ASCI and AAP, and fellowship in AAAS.