

Board on Population Health and Public Health Practice

Committee

Bruce N. Calonge

Chair

Bruce N. Calonge, M.D., M.P.H. (Chair) is the associate dean for public health practice and an associate professor of epidemiology at the Colorado School of Public Health. Additionally, Dr. Calonge is an associate professor of family medicine at the School of Medicine on the CU Anschutz Medical Campus. He served as President and CEO of The Colorado Trust. Prior to joining The Colorado Trust in 2010, Dr. Calonge served as the Chief Medical Officer of the Colorado Department of Public Health and Environment. He also served as the Chief of the Department of Preventive Medicine for the Colorado Permanente Medical Group and was a family physician for 10 years. Dr. Calonge is a member and past President of the Colorado Medical Board, which licenses and regulates physicians. He teaches epidemiology, biostatistics and research methods at the University of Colorado Schools of Medicine and Public Health. Calonge is a member of the Delta Dental Foundation Board and a member and past chair of the Board of Directors for LiveWell Colorado. Nationally, Dr. Calonge is a former chair of the United States Preventive Services Task Force and a member of the Centers for Disease Control and Prevention's (CDC) Task Force on Community Preventive Services. He is chair of the CDC's Evaluating Genomic Applications for Practice and Prevention (EGAPP) Workgroup, and is a consultant for and past member of the Advisory Committee on Heritable Disorders in Newborns and Children in the Maternal and Child Health Bureau in the Health Resources and Services Administration. He co-chairs the Electronic Data Methods Forum Steering Committee, and is a member of the National Academy of Medicine Roundtable on the Promotion of Health Equity and the Elimination of Health Disparities. Dr. Calonge was elected to the National Academy of Medicine (formerly Institute of Medicine) of the National Academy of Sciences, Engineering and Medicine in 2011.

Marcella Alsan

Member

Marcella Alsan, M.D., Ph.D. is a Professor of Public Policy at Harvard Kennedy School. Alsan received a BA from Harvard University (1999), a Master's in public health from Harvard School of Public Health (2005), a MD from Loyola University (2005), and a PhD in Economics from Harvard University (2012). Alsan trained at Brigham and Women's Hospital Hiatt Global Health Equity Residency Fellowship - then combined the PhD with an Infectious Disease Fellowship at Massachusetts General Hospital (2013). Prior to returning to Harvard she was on faculty at Stanford. She is an applied microeconomist studying health inequality. Some of her recent papers include "Does Diversity Matter for Health: Experimental Evidence from Oakland" and "Tuskegee and the Health of Black Men" - published in the American Economic Review and The Quarterly Journal of Economics, respectively. These papers have been cited in the New York Times and other major media outlets and findings have been presented to the Association of American Medical Colleges and the Centers for Disease Control and Prevention. She is currently on the Board of Editors for Science Magazine, Co-Editor of the Journal of Health Economics and Co-Chair of the Health Care Delivery Initiative of Poverty Action Lab based out of MIT. She is the co-recipient of the 2019 Arrow Award for Best Paper in Health Economics.

Ana V. Diez Roux

Member

Ana V. Diez Roux, M.D., Ph.D. is Dean and Distinguished University Professor of Epidemiology in the Dornsife School of Public Health at Drexel University. Before joining Drexel University, she served on the faculties of Columbia University and the University of Michigan, where she was Chair of the Department of Epidemiology and Director of the Center for Social Epidemiology and Population Health at the University Of Michigan School Of Public Health. Her research areas include social epidemiology and health disparities, psychosocial factors and health, environmental health effects, and urban health. She has led large NIH and foundation funded research and training programs in the U.S. and in collaboration with various institutions in Latin America. She currently leads the Wellcome Trust funded Salud Urbana en America Latina/Urban Health in Latin America (SALURBAL) study and directs the Urban Health Collaborative at Drexel University. Diez Roux has served on numerous editorial boards, review panels and advisory committees including the Clean Air Scientific Advisory Committee of the EPA (as Chair), the Board of Scientific Counselors of the National Center for Health Statistics, and the Committee on Health and Wellbeing in the Changing Urban Environment of the International Council for Science. She has received the Wade Hampton Frost Award for her contributions to public health from the American Public Health Association and the Award for Outstanding Contributions to Epidemiology from the American College of Epidemiology. She is an elected member of the American Epidemiological Society and the Academy of Behavioral Medicine Research. She was elected to the National Academy of Medicine in 2009 and has served on numerous academies committees including the Roundtable on Science and Technology for Sustainability, the Committee on Health Impact Assessment, and the Committee on Review of EPA's "Science to Achieve Results" Research Grants Programs. Originally trained as a pediatrician in her native Buenos Aires, she completed public health training at the Johns Hopkins University School of Hygiene and Public Health.

Laura Herrera Scott

Member

Laura Herrera Scott, M.D., M.P.H. is the VP of Clinical Strategy and Product for Anthem Inc. In this position, Dr. Herrera Scott, is responsible for advancing focus on population health, defining and executing clinical strategic initiatives and ensuring strategic alignment of our condition-based programs across the enterprise. With nearly two decades of experience, Scott has also held several prominent leadership positions in the Baltimore area and Maryland. As a trained family medicine physician, Scott has extensive public health experience and has led innovative programs specifically designed to improve health outcomes while saving costs. These roles include: the Deputy Secretary for public health for the Maryland Department of Health and Mental Hygiene; Acting Deputy Chief Officer, Office of Patient Care Services; Office of Public Health at the Veterans Health Administration, as well as the Deputy Commissioner of Health and Chief Medical Officer in the Baltimore City Health Department. She received her MD from SUNY Health Science Center at Brooklyn and her MPH from the Johns Hopkins Bloomberg School of Public Health. She completed her internship and residency in family medicine at the University of Maryland Medical Center.

Dora Hughes

Member

Dora Hughes, M.D., M.P.H. is Senior Advisor at the Center for Medicare and Medicaid Innovation in the US Department of Health and Human Services Associate. She was Associate Research Professor of Health Policy & Management at the Milken Institute School of Public Health at the George Washington University, where her work focuses on the intersection of clinical and community health, social determinants of health, health equity, healthcare quality and workforce. Previously, Dr. Hughes was a Senior Policy Advisor at Sidley Austin, where she advised on regulatory and legislative matters in the life science industry. Prior to that, she served for nearly four years in the Obama Administration as Counselor for Science & Public Health to Secretary Kathleen Sebelius at HHS. Her areas of responsibility included implementation of public health and FDA-related provisions of the ACA, as well as signature legislation for tobacco, Alzheimer's and FDA reform. She served in leadership roles for several White House initiatives, including the Childhood Obesity Task Force, President's Food Safety Working Group, Committee on STEM Education and Let's Move. Dr. Hughes began her career in health policy as Senior Program Officer at the Commonwealth Fund, and subsequently as Deputy Director for the HELP Committee under Senator Edward M. Kennedy. She then served as the Health Policy Advisor to former Senator Barack Obama. Dr. Hughes received a BS from Washington University, MD from Vanderbilt and MPH from Harvard. She completed internal medicine residency at Brigham & Women's Hospital.

Tamarra James-Todd

Member

Tamarra James-Todd, Ph.D., M.P.H. is the Mark and Catherine Winkler Associate Professor of Environmental Reproductive and Perinatal Epidemiology at Harvard T.H. Chan School of Public Health, Associate Epidemiologist at Brigham and Women's Hospital, and an Instructor in Medicine at Harvard Medical School. She has research expertise in reproductive and developmental outcomes following exposure to environmental risk factors. Specifically, Dr. James-Todd evaluates the impact of pregnancy as a sensitive period of environmental chemical exposure for women's cardiometabolic health across the reproductive life course. She is the PI of the Environmental Reproductive Glucose Outcomes (ERGO) Study, which evaluates the impact of environmental chemicals and glucose metabolism during the perinatal period. She is also a PI of a study evaluating PFAS exposure on maternal cardiometabolic health across the reproductive life course within the Project Viva pregnancy/birth cohort. She has a particular focus on racial/ethnic disparities in environmental exposures and women's reproductive health outcomes. She has served on the EPA's Scientific Advisory Board for the Chemical Assessment Advisory Committee, as well as the National Academies of Sciences, Engineering, and Medicine's Committee for Gulf War and Health: The Generational Health Effects of Serving in the Gulf War. Previously, she served on the Academies' Committee on Gulf War and Health: Volume 11: Generational Health Effects of Serving in the Gulf War. Dr. James-Todd received her M.P.H. in International Health from Boston University School of Public Health, and her Ph.D. in Epidemiology from Columbia University.

Nicola Klein

Member

Nicola Klein, M.D., Ph.D. is an internationally renowned expert in vaccine safety and effectiveness. She is Director of the Kaiser Permanente Vaccine Study Center, a group of more than 40 research scientists and staff dedicated to vaccine research. Dr. Klein is also Senior Research Scientist in the Kaiser Permanente Northern California Division of Research, Professor in the Department of Health Systems Science at the Kaiser Permanente Bernard J. Tyson School of Medicine, and a board-certified pediatrician. Her research has focused on vaccine safety and effectiveness, genetics of vaccine responses, vaccine safety among special populations and the epidemiology of vaccine preventable diseases. She had led observational studies investigating the effectiveness of many vaccines, including pivotal studies describing waning effectiveness of acellular pertussis vaccines in children and adolescents. She is principal investigator of many federally- and industry-sponsored Phase 2 and 3 vaccine clinical trials (including mRNA COVID-19 vaccines) and leads the Kaiser Permanente Northern California site of the CDC-sponsored Clinical Immunization Safety Assessment Network and Vaccine Safety Datalink (VSD) Project. Dr. Klein is currently leading the VSD COVID-19 vaccines Rapid Cycle Analysis (RCA), which monitors the safety of vaccines in near real-time and is the CDC's primary active surveillance safety monitoring system for COVID-19 vaccines. She serves on the Western States Scientific Safety Review Workgroup for COVID-19 vaccines. She is not only extremely bright and clear-thinking, she also is highly collegial and has strong population and public health values.

Margaret Moss

Member

Margaret P. Moss, Ph.D., J.D., R.N. is an enrolled member of the Mandan, Hidatsa, and Arikara Nation (Three Affiliated Tribes of North Dakota), and has equal lineage as Canadian Sioux/ Saskatchewan. Dr. Moss is the first and only American Indian to hold both nursing and juris doctorates. She is currently, at the University of British Columbia (UBC) as Associate Vice-President, (Interim) of Equity and Inclusion. Previously, she was the Director of the First Nations House of Learning, and in the Faculty of Applied Science as an Associate Professor in the School of Nursing. Dr. Moss has been on faculty at 4 universities over 21 years: University of Minnesota (Tenured); Yale University; University at Buffalo, SUNY (tenured); and UBC (tenured). She was a 2014 Fulbright Visiting Research Chair in Aboriginal/ Indigenous Life and Culture in the North American Context at McGill University, Montreal, QC (2014). There she analyzed Canadian Census and Health laws and the resulting deficits for indigenous health outcomes. As a RWJF Health Policy Fellow she staffed the US Senate Special Committee on Aging (2008-9) during the 'ACA' years and was original lead staff on the now enacted National Alzheimer's Project Act. Moss published the first nursing textbook on American Indian health (Springer 2015), which won AJN Book of the Year in 2 categories (2016); and co-edited "Health Equity and Nursing" March 2020 (Springer). Dr. Moss earned her PhD in Nursing from the University of Texas, Houston HSC and her JD from Hamline University School of Law in St Paul, MN. Her published works are primarily focused on American Indian aging, health, law, policy, education, and equity issues. She has given over 175 presentations on these topics of note most recently in New Zealand, Australia, & Canada and across the US.

Jewel Mullen

Member

Jewel Mullen, M.D., M.P.H., M.P.A. is Associate Dean for Health Equity at University of Texas at Austin Dell Medical School, as well as an associate professor in the school's population health and internal medicine departments. She also serves as Director of Health Equity at Ascension Seton to help meet health equity goals across its system. Mullen is an internist, epidemiologist, public health expert and the former principal deputy assistant secretary for health in the U.S. Department of Health and Human Services (HHS). While at HHS, she also served as the acting assistant secretary for health and acting director of the National Vaccine Program Office. Prior to HHS, she served as commissioner of the Connecticut Department of Public Health. Her career has spanned clinical, research, teaching and administrative roles focused on improving the health of all people, especially those who are underserved. She is recognized nationally and internationally as a leader in building effective community-based chronic disease prevention programs and for her commitment to improving individual and population health by strengthening coordination between community, public health and health care systems. A former President of the Association of State and Territorial Health Officials, Dr. Mullen is a current member of the Center for Disease Control and Prevention's Morbidity and Mortality Weekly Report Editorial Board, the ChangeLab Solutions Board of Directors, and the Robert Wood Johnson Foundation's Policies for Action National Advisory Committee. She was a member of the Study Committee on the Equitable Allocation of COVID-19 Vaccine at the National Academies of Science, Engineering and Medicine and is a current member of the NASEM Committee on a Fairer and More Equitable, Cost-Effective, and Transparent System of Donor Organ Procurement, Allocation, and Distribution . Dr. Mullen received her bachelor's and Master of Public Health degrees from Yale University where she also completed a post-doctoral fellowship in psychosocial epidemiology. She graduated from the Mount Sinai School of Medicine, and completed her residency at the Hospital of the University of Pennsylvania. She also holds a Master of Public Administration from Harvard University's John F. Kennedy School of Government and completed intensive and advanced bioethics courses at the Kennedy Institute of Ethics.

Anand Parekh

Member

Anand Parekh, M.D., M.P.H. is BPC's chief medical advisor providing clinical and public health expertise across the organization. Since 2015, he has led specific efforts tackling a variety of policy issues including the opioid crisis, obesity epidemic & nutrition, health & housing, domestic and global HIV/AIDS, business & public health collaboration, emergency preparedness, social isolation, rural health, and prescription drug costs. Prior to joining BPC, he completed a decade of service at the U.S. Department of Health and Human Services (HHS). As a HHS deputy assistant secretary for health from 2008 to 2015, he developed and implemented national initiatives focused on prevention, wellness, and care management. Specifically, he played instrumental roles in the implementation of the Recovery Act's Prevention and Wellness Fund, the Affordable Care Act's prevention initiatives, and HHS' Multiple Chronic Conditions Initiative. Briefly in 2007, he was delegated the authorities of the assistant secretary for health overseeing ten health program offices and the U.S. Public Health Service Commissioned Corps. Earlier in his HHS career, he played key roles in public health emergency preparedness efforts related to pandemic influenza and bioterrorism as special assistant to the science advisor to the secretary. Parekh is a board-certified internal medicine physician, a fellow of the American College of Physicians, and an adjunct assistant professor of medicine at Johns Hopkins University, where he previously completed his residency training in the Osler Medical Program of the Department of Medicine. He provided volunteer clinical services for many years at the Holy Cross Hospital Health Center, a clinic for the uninsured in Silver Spring, MD. Parekh is an adjunct professor of health management and policy at the University of Michigan School of Public Health. He currently serves on the dean's advisory board of the University of Michigan School of Public Health, the Presidential Scholars Foundation board of directors, and the board of directors of WaterAid America. He has spoken widely and written extensively on a variety of health topics such as chronic care management, population health, value in health care, and the need for health and human services integration. His book *Prevention First: Policymaking for a Healthier America* was released in December 2019 and argues that prevention must be our nation's top health policy priority. A native of Michigan, Parekh received a B.A. in political science, an M.D., and an M.P.H. in health management and policy from the University of Michigan. He was selected as a U.S. Presidential Scholar in 1994.

Therese S. Richmond

Member

Therese Richmond, Ph.D, R.N., FAAN is the Andrea B. Laporte Professor at the University of Pennsylvania, School of Nursing and serves as its Associate Dean for Research & Innovation. She is also a Professor of Nursing in Surgery at the Perelman School of Medicine. Dr. Richmond has an extensive program of research aimed at improving recovery from serious injury by addressing the interaction between physical injury and its psychological repercussions. Her science also focuses on prevention of violence and firearm violence. The National Institute of Mental Health, the National Institute of Nursing Research (NINR), Centers for Disease Control (CDC) and the Pennsylvania Department of Health have supported her research. She is currently Site PI for an NIMHD study examining trauma as a portal to chronic pain. Dr. Richmond is part of an interdisciplinary team selected as Catalyst Awardee for the Healthy Longevity Global Grand Challenge. Dr. Richmond serves on the Executive Committee of the CDC-funded Penn Injury Science Center, where she directs the Research Core. She is a Fellow in the American Academy of Nursing and an elected member of the National Academy of Medicine. Dr. Richmond served on the Federal Advisory Committee to the Secretary of the Department of Health & Human Services for the National Health Promotion & Disease Prevention Objectives for 2030.

Joshua Salomon

Member

Joshua Salomon, Ph.D. is a Professor of Medicine at Stanford University, where he serves as a core faculty member in the Center for Health Policy and the Center for Primary Care and Outcomes Research, and a Senior Fellow at the Freeman Spogli Institute for International Studies. His research focuses on public health policy and priority-setting, within three main substantive areas: (1) modeling patterns and trends in major causes of global mortality and disease burden; (2) evaluation of health interventions and strategies; and (3) measurement and valuation of health outcomes. Dr. Salomon is an investigator on projects funded by the Centers for Disease Control and Prevention, the National Institutes of Health and the Bill & Melinda Gates Foundation, relating to modeling of infectious and chronic diseases and associated intervention strategies; methods for economic evaluation of public health programs; measurement and projection of the global burden of disease; and assessment of the potential impact and cost effectiveness of new health technologies and implementation strategies. He is Director of the Prevention Policy Modeling Lab, which is a multi-institution research consortium that conducts health and economic modeling relating to infectious disease. Before joining the Stanford faculty, Dr. Salomon was Professor of Global Health at Harvard T.H. Chan School of Public Health, and previously served as a policy analyst at the World Health Organization.

Melissa A. Simon

Member

Melissa Simon, M.D. M.P.H. is the George H. Gardner Professor of Clinical Gynecology, Vice Chair of Research in the Department of Obstetrics and Gynecology at Northwestern University Feinberg School of Medicine. She is also the Founder and Director of the Center for Health Equity Transformation and the Chicago Cancer Health Equity Collaborative and the Co-Program Leader for Cancer Control and Survivorship for the Robert H. Lurie Comprehensive Cancer Center. She is an expert in implementation science, women's health across the lifespan, minority health, community engagement and health equity. She has been recognized with numerous awards for her substantial contribution to excellence in health equity scholarship, women's health and mentorship, including the Presidential Award in Excellence in Science Mathematics and Engineering Mentorship and a Presidential Leadership Scholar. She is a former member and current consultant to the US Preventive Services Task Force and serves on the NIH Office of Research in Women's Health Advisory Committee. She is also a member of the National Academy of Medicine's Roundtable on the Promotion of Health Equity and the NAM Leadership Consortium's Culture Inclusion and Equity Collaborative. She completed her bachelor's degree at the University of Chicago, her medical degree at Rush Medical College, her residency at Yale University, and her fellowship in family planning at Northwestern University.

Sylvia Trent-Adams

Member

Dr. Sylvia Trent-Adams is the Executive Vice President and Chief Strategy Officer at the University of North Texas Health Science Center. She retired from the U.S. Public Health Service Commissioned Corps with the rank of Rear Admiral Upper Half. She served as the Principal Deputy Assistant Secretary for Health, Acting Surgeon General and Deputy Surgeon General of the U.S. Dr. Trent-Adams held several leadership positions in HHS, working to improve access to care for poor and underserved communities. As both a clinician and administrator, she had a direct impact on building systems of care to improve public health for marginalized populations domestically and internationally. She has expertise infectious disease and public health. Dr. Trent-Adams received the USPHS Distinguished Service Medal, Meritorious Service Medal, Surgeon General's Medallion, International Red Cross Florence Nightingale Medal, HRH Princess Muna Al Hussein Award, the American Academy of Nursing's Civitas Award, the American Association of the Colleges of Nursing's Lois Capps Luminary Policy Award. Dr. Trent-Adams received her Bachelor of Science in Nursing from Hampton University, a Master of Science in Nursing and Health Policy from the University of Maryland, Baltimore, and a Doctor of Philosophy in Public Policy from the University of Maryland, Baltimore County.

Sean D. Young

Member

Sean D. Young, Ph.D., M.S. is Associate Professor in the Departments of Emergency Medicine and Informatics at the University of California, Irvine and the Executive Director of the University of California Institute for Prediction Technology (UCIPT), which studies how social big data (e.g., social media, wearable devices, and online search) and machine learning/data mining can be used to predict real-world events such as disease outbreaks. Dr. Young's research focuses on two main areas: 1) using social "big data" and artificial intelligence to monitor and predict public health issues such as HIV, substance use, COVID-19, and crime, and 2) designing and testing technologies to address public health issues among at-risk populations, including African Americans, Latinx, and men who have sex with men. He is the author of the international best-selling book, *Stick with It*, on the science of behavior change. Dr. Young previously worked as a faculty member at the UCLA School of Medicine and at the NASA Ames Research Center. He received his Ph.D. in Psychology and Master's in Health Services Research from Stanford University.

Rose M. Martinez

Director