

**The 25<sup>th</sup> Annual Maryland State Council on Cancer Control Cancer Conference**

**Wednesday, November 14, 2018**

**Speaker Biographies**

G. Caleb Alexander, MD, MS

Dr. Caleb Alexander is an Associate Professor of Epidemiology and Medicine at the Johns Hopkins Bloomberg School of Public Health, where he serves as founding co-Director of the Center for Drug Safety and Effectiveness and Principal Investigator of the Johns Hopkins Center of Excellence in Regulatory Science and Innovation. He is a practicing primary care physician and an internationally renowned pharmacoepidemiologist, and is the author of over 250 scientific articles examining prescription drug utilization, safety and effectiveness. Many of these investigations have used primary and secondary data to characterize the epidemiology of prescription opioid use in the United States, as well as to evaluate the effect of federal and state regulatory and payment policies on opioid prescribing, dispensing and utilization.

He has extensive experience disseminating these findings to professional and lay audiences and has testified in front of both the U.S. House of Representatives and the U.S. Senate regarding this work. He is also one of three editors of a widely-cited monograph produced by the Johns Hopkins Bloomberg School of Public Health that has provided comprehensive and concrete, evidence-based recommendations for addressing the epidemic. Dr. Alexander received his Bachelor of Arts *cum laude* from the University of Pennsylvania, his Doctor of Medicine (MD) from Case Western Reserve University, and a Master of Science from the University of Chicago.

Kevin Cullen, MD

Dr. Kevin Cullen is the Director of the University of Maryland, Marlene and Stewart Greenebaum Comprehensive Cancer Center (UMGCCC). Dr. Cullen, who specializes in head and neck cancer, is also a Professor of Medicine at the University of Maryland School of Medicine (UMSOM), and is head of the Oncology Program. He joined the University of Maryland in January 2004. A graduate of Dartmouth College and Harvard Medical School, Dr. Cullen completed his internship and residency at Beth Israel Hospital in Boston and received additional training at the National Cancer Institute (NCI). He served as the Interim Director of the Lombardi Cancer Center at Georgetown University from October 2000 to September 2002 and was Professor of Medicine, Oncology and Otolaryngology at Georgetown University School of Medicine.

Dr. Cullen's research interests include cellular factors that promote the growth of cancer and molecular mechanisms that make certain cancers resistant to treatment with chemotherapy. He is the author of numerous journal publications and has served on review panels for NCI, the Veterans Administration Research Program, and other organizations. His honors include a special achievement award from NCI. Outside of the University of Maryland, Dr. Cullen serves on the external advisory boards of several NCI designated cancer centers. He has chaired two working groups for the NCI and is a member of the national board of directors of the American Cancer Society (ACS) and will be the chair of the board in 2018. In 2011 Dr. Cullen was appointed by President Barack Obama to the National Cancer Advisory Board. Dr. Cullen began his term as Chair of the Maryland State Council on cancer Control in 2018.

Niharika Khanna, MD, MBBS, DGO

Dr. Niharika Khanna is an Associate Professor of Family and Community Medicine, Psychiatry, and Pediatrics at the UMSOM, and a Section Chief for Population Health at the Department of Family and Community Medicine. She is the Director of the Maryland Learning Collaborative, which leads the Garden Practice Transformation Network for Maryland, and has previously led the learning collaborative for Maryland Health Care Commission's Multi-Payer Program for Patient Centered Medical Homes, to provide clinical implementation of advanced primary care models.

Dr. Khanna's interests are in clinical research to translate research into community programs, specifically in the transformation of practices to deliver patient centered care and Health Information Technology innovations. Dr. Khanna is the architect of an electronic linkage process for EPIC Electronic Health Records (HER) with the Maryland Tobacco Quitline to refer patients from the University of Maryland Medical System's 123 ambulatory sites for tobacco cessation services. Dr. Khanna is Chair of the Maryland Department of Health (MDH), Maryland Cancer Collaborative (MCC) HPV Workgroup and a Director at the Maryland Academy of Family Physicians. Dr. Khanna is a recent National Institute of Child Health and Human Development (NICHD) "Building Interdisciplinary Research Careers in Women's Health (BIRCWH)" scholar. Dr. Khanna is the past Director of Somatic Services for the Walter P. Carter Center and was clinical PI for a National Institute on Drug Abuse/Bureau of Substance Addiction Services grant to explore primary care office methadone prescribing and community pharmacy dispensing of methadone. Dr. Khanna also holds a US patent on a novel topical chemoprevention agent for cervical cancer. In September 2018, Dr. Khanna transitioned to Chair of the MCC.

Sunmin Lee, ScD, MPH

Dr. Sunmin Lee is a Professor of Epidemiology at the Department of Epidemiology and Biostatistics, University of Maryland School of Public Health. She also serves as a Director for Community Outreach and Engagement at UMGCCC. Dr. Lee is a social epidemiologist with a main research interest in reducing health disparities among racial and ethnic minority populations, especially among Asian Americans. She has incorporated both quantitative and qualitative research methods into her work, and has conducted both epidemiologic and intervention studies to comprehensively examine the etiologies of health disparities. Dr. Lee focuses on the design and implementation of randomized controlled trials that are culturally and linguistically appropriate to reduce health disparities. She has conducted epidemiologic studies examining the effect of acculturation on immigrants' health and led or participated in multiple National Institute of Health- and Center for Disease Control & Prevention-funded studies to increase colorectal cancer screening, hepatitis B screening and vaccination, and improve breast cancer survivorship among Asian Americans.

Currently, Dr. Lee leads an NIH-funded Research Project Grant (R01) study to increase colorectal cancer screening among Chinese and Korean Americans using shared a decision-making approach. Dr. Lee received her doctoral degree in social epidemiology from the Harvard School of Public Health and completed her postdoctoral training at Harvard Medical School and Harvard School of Public Health.

Courtney McFadden, MPH

Ms. McFadden began her public health career as an Health Educator from 2000-2006 at Planned Parenthood of Metropolitan Washington, facilitating reproductive health education models for various audiences. After obtaining a Master of Public Health (MPH) focused on health promotion from George Washington University, Ms. McFadden transitioned to MDH in 2006, serving in several leadership roles in the Center for Cancer Prevention and Control (CCPC), including the role of Director of the CCPC from

2011-2016. In June 2017, Ms. McFadden was appointed as the Director of the Maternal and Child Health Bureau, and later appointed in January 2018 as the Deputy Director of the MDH Prevention and Health Promotion Administration, whose mission is to protect, promote and improve the health and well-being of all Marylanders and their families.

#### William Nelson, MD, PhD

Dr. Nelson is the Marion I. Knott Professor of Oncology and Director of the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins. He currently holds Professorships in Oncology, Medicine, Pharmacology, Pathology, Radiation Oncology, Urology, and Environmental Health Sciences. A trained medical oncologist, he directs a research laboratory focused on discovering new strategies for prostate cancer treatment and prevention.

Outside of Johns Hopkins, Dr. Nelson has also become a recognized leader in cancer research, organizing national and international meetings in cancer health disparities, cancer prevention, and prostate cancer, serving on the Scientific Advisory Boards for *Stand Up 2 Cancer* and the Prostate Cancer Foundation, co-chairing the NCI Translational Research Working Group, and working as Executive Editor of *Cancer Today* and a Senior Editor of *Cancer Research*. Owner of seven issued patents, he is a co-founder of Digital Harmonics, a Board Member of CHD Biosciences, and an Advisory Board Member of Abbvie and of Proquest Investments.

#### Aaron P. Rapoport, MD

Dr. Aaron Rapoport is a professor in the Department of Medicine, the Gary Jobson Professor of Medical Oncology and the Director of the Blood and Marrow Stem Cell Transplant Program at the UMGCCC, at the UMSOM. Dr. Rapoport received his bachelor's degree in biology from Massachusetts Institute of Technology, and his MD from Harvard Medical School. He completed his medical internship and residency in Internal Medicine at Strong Memorial Hospital at the University of Rochester School of Medicine, and went on to both a clinical and research fellowship in hematology at the same institution. During his tenure at the University of Rochester School of Medicine, Dr. Rapoport was a senior instructor and an assistant professor in hematology in the Department of Medicine.

Dr. Rapoport is a board-certified hematologist and stem cell transplant (SCT) physician with more than 30 years of experience in the care of patients with hematopoietic neoplasms and benign hematologic disorders. He also conducts translational research that focuses on the use of cells and vaccines to enhance immune recovery after SCTs. He has directed six major clinical trials of adoptive T-cell therapy, providing a new avenue for rapid immune response following blood and marrow transplantation. In 2016, Dr. Rapoport received the Clinical Research Achievement Award from the Clinical Research Forum. His work has been funded by the NIH, the Leukemia and Lymphoma Society's Clinical Scholars Award and the Multiple Myeloma Research Foundation. He received the Stohlman Scholar award from the LLS in 2006.

#### Jennifer Schrack, PhD, MS

Dr. Jennifer Schrack is an Associate Professor of Epidemiology with a primary research focus on the role of physiological factors in maintaining mobility and functional independence with aging. She holds a Masters in Exercise Physiology from the University of Michigan and a Doctor of Philosophy in Epidemiology from the Johns Hopkins Bloomberg School of Public Health. She has extensive clinical and research experience as an exercise physiologist, with an emphasis on the assessment of laboratory measures of energy expenditure and free-living physical activity using accelerometers. This work has

grown to include multiple types of activity and heart rate monitors across numerous studies, including: the Baltimore Longitudinal Study of Aging (BLSA), the “Study of Physical Resiliency iN Geriatrics (SPRING)”, the “Study to Understand vitamin D and falls in You (STURDY)”, the “Aging, Cognition, and Hearing Evaluation in Elders (ACHIEVE) Randomized Trial”, and the Multicenter AIDS Cohort Study (MACS).

Her recent research has expanded to include assessment of physiological mechanisms contributing to the development of an accelerated aging phenotype. She recently completed a K01 award from the National Institute on Aging (NIA) focused on investigating differences in functional decline, energy expenditure, and physical activity by HIV-serostatus in the MACS. She is currently the PI of a R21 award from the NIA to investigate mechanisms of fatigability in participants of the BLSA, overall and by cancer history, and of a U01 award from the NIA to delineate associations among energy regulation, physical activity, and Alzheimer’s disease in the BLSA.