

# **The State of Anti-Black Racism in U.S. Science, Engineering, and Medicine: A Workshop**

## **Committee**

### **Lynne M. Holden**

#### **Co-Chair**

Lynne M. Holden, M.D. is the co-founder and President of Mentoring in Medicine, Inc. (MIM). MIM is a national health and science youth development nonprofit organization. The mission of MIM is to expose, inspire, educate and equip students to become biomedical professionals through academic enrichment, leadership development, civic engagement and mentoring. MIM has reached nearly 52,000 students, parents and educators from elementary school through medical school and recruited 1,500 health and science volunteers. Dr. Holden provides the overall leadership, creates the organizational strategy, recruits volunteers, facilitates program development and establishes collaborative partnerships.

Dr. Holden earned her B.S. in Zoology from Howard University, graduated from Temple University School of Medicine and completed her residency in Emergency Medicine at the Jacobi/Montefiore Emergency Medicine Residency Program. She is a practicing Emergency Department Physician at Montefiore Health System in the Bronx, NY. She is a Professor of Emergency Medicine at the Albert Einstein College of Medicine, where she has served as a Co-chair of the Admissions Committee and in various leadership positions in the Emergency Medicine Residency Program, the largest in the country. Dr. Holden serves on several national boards including the Friends of the National Library of Medicine and the CUNY School of Medicine. She is active in the National Medical Association on the local, regional and national levels. She is a Deacon at the Abyssinian Baptist Church in Harlem, NY and a member of Delta Sigma Theta, Inc.

Mentoring in Medicine has earned sixty press features including JET, Essence, CNN, the New York Times and FOX News. Dr. Holden has published extensively and received numerous awards for her work, including the Maybelline NY-Essence Empowerment through Education Award (2007), Society of Academic Emergency Visionary Educator Award (2008), Robert Wood Johnson Foundation Community Health Leader (2009), Washington Post Root 100 Leader (2010), Lifetime TV Remarkable Woman (2010), American Medical Association Inspirational Physician (2016) and the United Hospital Fund Distinguished Community Service Award (2019).

# Camara P. Jones

## Co-Chair

Camara Phyllis Jones, MD, MPH, PhD is the 2019-2020 Evelyn Green Davis Fellow at the Radcliffe Institute for Advanced Study at Harvard University, and the 144th President of the American Public Health Association (2016). She is a family physician and epidemiologist whose work focuses on naming, measuring, and addressing the impacts of racism on the health and well-being of the nation. She seeks to broaden the national health debate to include not only universal access to high quality health care, but also attention to the social determinants of health (including poverty) and the social determinants of equity (including racism).

Dr. Jones is a public health leader valued for her creativity and intellectual agility. As a methodologist, she has developed new methods for comparing full distributions of data, rather than simply comparing means or proportions, in order to investigate population-level risk factors and propose population-level interventions. As a social epidemiologist, her work on "race"-associated differences in health outcomes goes beyond simply documenting those differences to vigorously investigating the structural causes of the differences. As a teacher, her allegories on "race" and racism illuminate topics that are otherwise difficult for many Americans to understand or discuss. She aims through her work to catalyze a National Campaign Against Racism that will mobilize and engage all Americans.

Dr. Jones was an Assistant Professor at the Harvard School of Public Health (1994 to 2000) before being recruited to the Centers for Disease Control and Prevention (2000 to 2014), where she served as a Medical Officer and Research Director on Social Determinants of Health and Equity. Most recently, she was a Senior Fellow at the Satcher Health Leadership Institute and the Cardiovascular Research Institute at the Morehouse School of Medicine (2013 to 2019). She has been elected to service on many professional boards, including her current service on the Board of Directors of the DeKalb County (Georgia) Board of Health and the National Board of Public Health Examiners.

She is also actively sought as a contributor to national efforts to eliminate health disparities and achieve health equity, including as a faculty member of the Accreditation Council for Graduate Medical Education's Pursuing Excellence in the Clinical Learning Environment collaborative addressing Health Care Disparities, as a member of the National Academies of Sciences, Engineering, and Medicine's Roundtable on Black Men and Black Women in Science, Engineering, and Medicine, and as a Project Advisor and on-screen expert for the groundbreaking film series *Unnatural Causes: Is Inequality Making Us Sick?*

Highly valued as a mentor and teacher, she is also an Adjunct Professor at the Rollins School of Public Health at Emory University and an Adjunct Associate Professor at the Morehouse School of Medicine. Her honors include the Wellesley Alumnae Achievement Award (Wellesley College's highest alumnae honor, 2018), the John Snow Award (given in recognition of "enduring contributions to public health through epidemiologic methods and practice" by the American Public Health Association's Epidemiology Section, 2011), and awards named after luminaries David Satcher (2003), Hildrus A. Poindexter (2009), Paul Cornely (2016), Shirley Nathan Pulliam (2016), Louis Stokes (2018), Frances Borden-Hubbard (2018), and Cato T. Laurencin (2018).

Dr. Jones earned her BA in Molecular Biology from Wellesley College, her MD from the Stanford University School of

Medicine, and both her Master of Public Health and her PhD in Epidemiology from the Johns Hopkins School of Hygiene and Public Health. She also completed residency training in General Preventive Medicine at Johns Hopkins and in Family Practice at the Residency Program in Social Medicine at Montefiore Medical Center.

## **Theodore Corbin**

### **Member**

Dr. Corbin is Professor and Vice Chair of Research in the Department of Emergency Medicine at the Drexel University College of Medicine. He also serves as the Founder and Medical Director of “Healing Hurt People,” an emergency department based, trauma-informed intervention for victims of intentional injury which has been implemented at five level one trauma centers in Philadelphia. Dr. Corbin also co-Directs the Center for Nonviolence and Social Justice at the Dornsife Drexel University School of Public Health, where he holds a joint appointment in the Department of Health Management and Policy. Dr. Corbin is Board Certified in Emergency Medicine. Dr. Corbin’s research focuses broadly on addressing the trauma in the lives of victims of violence, especially boys and men of color for whom violence is a leading cause of disability and death. He has received funding from the Philadelphia Department of Behavioral Health and Annie E. Casey Foundation to explore the impact of PTSD on violently injured youth and young adults, and to evaluate the effectiveness of the intervention that he developed Healing Hurt People. He is also the principal investigator on a Department of Justice/Office for Victims of Crime grant to develop and test a community health worker peer training institute, designed to enhance and diversify the health care workforce. Over the past 10 years, Dr. Corbin has received in excess of \$9 million in funding for his translational work as a principal investigator. More recently, Dr. Corbin as co-investigator was the recipient of the Robert Wood Johnson Forward Promise Initiative as well as the Pennsylvania Commission on Crime and Delinquency to support the work for boys and men of color. Dr. Corbin has received a number of honors including a Soros Physician Advocacy Fellowship from the Open Society Foundation and a Stoneleigh Foundation Fellowship to support his career development in serving the needs of vulnerable children and youth. He was also selected as one of Philadelphia’s 40 under 40 Leaders in 2006. Dr. Corbin provided expert testimony to the Defending Childhood Task Force, charged by Eric Holder, U.S. Attorney General to speak on his work in addressing adversity and violence in urban youth. Dr. Corbin has also provided practice-based evidence to the National Academy of Medicine on public health approaches to violence intervention.

# George Q. Daley

## Member

Dr. Daley is Dean and Caroline Shields Walker Professor of Medicine at Harvard Medical School. He is also Professor of Biological Chemistry and Molecular Pharmacology. Prior to becoming Dean, he was the Director of the Pediatric Stem Cell Transplantation Program at Dana-Farber/Boston Children's Cancer and Blood Disorders Center and an investigator of the Howard Hughes Medical Institute. Daley received his AB, magna cum laude, from Harvard (1982), a Ph.D. in biology from MIT (1989), working with Nobel laureate David Baltimore, and his MD, summa cum laude, from Harvard Medical School (1991). Daley pursued clinical training in internal medicine at Massachusetts General Hospital, where he served as chief resident (1994-1995), and a clinical fellowship in heme/onc at Brigham and Women's Hospital and Children's Hospitals. He remains a staff member in Pediatric Hematology/ Oncology at Boston Children's Hospital. Daley's research uses mouse and human disease models to study cancer and blood disorders. Daley has been elected to the National Academy of Medicine, the American Society for Clinical Investigation, the American Association of Physicians, the American Pediatric Societies, the American Academy of Arts and Sciences and the American Association for the Advancement of Science. He was an inaugural winner of the NIH Director's Pioneer Award (2004) and has won the E. Donnall Thomas Prize of the American Society of Hematology. He was a founding executive committee member of the Harvard Stem Cell Institute, served as president of the International Society for Stem Cell Research (2007-2008), and anchored the special task forces that produced the society's guidelines for stem cell research and clinical translation (2006, 2008, 2016). He was on the organizing committee for both the 2015 and 2018 International Summits on Human Genome Editing and has advocated publicly for responsible international guidelines for attempts at germline genome editing.

# **Kafui Dzirasa**

## **Member**

Kafui Dzirasa, MD, PhD is Assistant Professor of Psychiatry and Behavioral Sciences at Duke University. Dr. Dzirasa is the first African American to complete a PhD in Neurobiology at Duke University. His research interests focus on understanding how changes in the brain produce neurological and mental illness, and his graduate work has led to several distinctions including: the Somjen Award for Most Outstanding Dissertation Thesis, the Ruth K. Broad Biomedical Research Fellowship, the UNCF-Merck Graduate Science Research Fellowship, and the Wakeman Fellowship. In 2009, Dr. Dzirasa obtained an MD from the Duke University School of Medicine. He was subsequently appointed as an assistant professor and house staff in the Department of Psychiatry and Behavioral Science at the Duke University School of Medicine.

Dr. Dzirasa received a Meyerhoff Scholarship at the University of Maryland Baltimore County (UMBC). He has served on the Board of Directors of the Student National Medical Association: a national organization dedicated to the eradication of health care disparities. Through his service as Chapter President, Region IV Director and National Internal Affairs Committee Chair, Dr. Dzirasa has participated in numerous programs geared towards exposing youth to science and technology, providing health education for underserved communities, and organizing clinics to screen for chronic diseases. In 2016, he was awarded the inaugural Duke Medical Alumni Emerging Leader Award and the Presidential Early Career Award for Scientists and Engineers.

# MaCalus Hogan

## Member

MaCalus V. Hogan, MD, MBA, is the Vice Chair of Education and Residency Program Director in the Department of Orthopaedic Surgery at the University of Pittsburgh Medical Center. He oversees all educational and training programs within the department. He is an Associate Professor in the Departments of Orthopaedic Surgery and Bioengineering. He completed medical school at Howard University College of Medicine in Washington, DC. He was the recipient of a National Institutes of Health Training Grant and served as a Musculoskeletal Tissue Repair and Regeneration Research Fellow at the University of Virginia Health System, Department of Orthopaedic Surgery, in Charlottesville, Virginia, where he also completed his orthopaedic surgical residency training. This was followed by a foot and ankle fellowship at the Hospital for Special Surgery in New York, NY. Following the completion of his training in 2013, Dr. Hogan joined UPMC.

Dr. Hogan has experience in the realm of healthcare policy and quality of care delivery currently serving as the Medical Director for Outcomes and Registries for the UPMC Donald F. Wolff, Jr. Center for Quality, Safety, and Innovation. He is co-Chair of the UPMC Orthopaedic Bundling Advisory Board and sits on the UPMC Orthopaedic Service Line Steering Committee and serves on the Executive Committee for the Department of Orthopaedics. With a passion for research Dr. Hogan's interests is in musculoskeletal regenerative medicine with a focus on tendon, ligament, and cartilage bioengineering. He is currently directing the Foot and Ankle Injury Research [F.A.I.R.] group and co-directs the Musculoskeletal Growth and Regeneration Lab. He has over 100 manuscripts, book chapters, and presentations. He presents both nationally and internationally on his management of foot and ankle injuries, regenerative medicine, and clinical outcomes research. In 2013, Dr. Hogan and his research team received the American Orthopaedic Foot and Ankle Society J. Leonard Goldner Award for best basic science research for their work on tendon regeneration entitled: "Successful Achilles Tendon Regeneration using a Bioresorbable Nanofiber Scaffold, Stem Cells, and Growth Factor in a Rat Tendon Gap Defect Model." In 2014, Dr. Hogan received the American Orthopaedic Association (AOA) Emerging Leader on the Move Award. He is a member of various professional organizations and societies, including but not limited to, the American Orthopaedic Association Emerging Leaders Program, the American Orthopaedic Foot & Ankle Society, the Orthopaedic Research Society, and the American Academy of Orthopaedic Surgeons. He and his research team were named New Investigator Recognition Award Finalists by the Orthopaedic Research Society in both 2013 and 2015. Dr. Hogan serves as a foot and ankle consultant for the athletic departments at the University of Pittsburgh, Carnegie Mellon University, and Duquesne University, and also serves as the Assistant Team Physician for Point Park University and the Conservatory of Performing Arts. In the fall of 2017, Dr. Hogan served as an American Orthopaedic Association (AOA) North American Traveling Fellow, a highly competitive program that promotes clinical and scientific exchange across US and Canadian health systems to discuss diverse ways that leaders address challenges facing orthopaedic surgery today. Dr. Hogan has been selected by his peers as a Best Doctor in America® in 2016, 2017, and 2018.

## **Cora B. Marrett**

### **Member**

Dr. Marrett is the former deputy director of the National Science Foundation (NSF), a position she held from 2011 to 2014. She previously held the position of senior advisor (2009 -2011), except for six months when she served as the foundation's acting director. She has also been a professor of sociology at the University of Wisconsin, where she has held tenure since 1974; she took leave from the university in 2007 to join the NSF as assistant director for education and human resources. From 1992 to 1996 Dr. Marrett was assistant director for social, behavioral, and economic sciences at the NSF. From 1996 to 1998 she served by appointment on the Board of Governors of the Argonne National Laboratory and was a member of a peer-review oversight group for the National Institutes of Health. From 1997 to 2001, she was provost, senior vice chancellor for academic affairs, and a professor of sociology and Afro-American studies at the University of Massachusetts-Amherst. Throughout her career, Dr. Marrett has worked to expand opportunities for minorities. she is credited with having brought scholars of color into the field of sociology and with working actively to improve conditions of inequality revealed by sociological research. Dr. Marrett earned a B.A. in sociology from Virginia Union University and M.A. and Ph.D. degrees, also in sociology, from the University of Wisconsin, Madison. She received an honorary doctorate from Wake Forest University in 1996 and from Virginia Union University in 2011. She was elected a fellow of the American Academy of Arts and Sciences in 1996 and of the American Association for the Advancement of Science in 1998. In 2008 the American Sociological Association recognized her many contributions with the Johnson-Cox-Frazier Award, and the Wisconsin Alumni Association honored her with its Distinguished Alumni Award in 2012. She is a member of the Board of Visitors of the University of Wisconsin-Madison College of Letters and Science.

# **Altha Stewart**

## **Member**

Altha J. Stewart, M.D. is Past President of the American Psychiatric Association and served as President of APA from 2018 to 2019. Altha J. Stewart, M.D. began her term as President of the American Psychiatric Association at the end of the APA Annual Meeting in May, 2018. Dr. Stewart is an associate professor of Psychiatry and Director of the Center for Health in Justice Involved Youth at the University of Tennessee Health Science Center.

Dr. Stewart has held several leadership roles at APA, including secretary of APA, past president of the American Psychiatric Association Foundation, chair of the APA Conflict of Interest Committee, chair of the Minority Fellowship Selection Committee, member of APA Ad Hoc Workgroups on Real Estate and Strategic Planning, member of the Council on Advocacy and Government Relations and member of the APA Joint Reference Committee.

Dr. Stewart previously served as Executive Director for Just Care Family Network, Memphis' federally funded System of Care program for children with serious emotional disorders and their families. Additionally, Dr. Stewart was Director of Systems of Care for the Shelby County Office of the Public Defender. Prior to this she served as Executive Director of the Substance Abuse and Mental Health Services Administration's Center for Mental Health Services funded National Leadership Council on African-American Behavioral Health. Earlier in her career, Dr. Stewart served as Executive Director of Detroit-Wayne County Community Mental Health Agency, one of the largest public mental health systems in the U.S. She worked for over a decade as CEO and Executive Director in large public mental health systems in Pennsylvania and New York, overseeing the management and development of programs for persons with mental illness and substance use disorders.

Dr. Stewart is active in several professional organizations having previously served as president of the Association of Women Psychiatrists and the Black Psychiatrists of America.