

ACHIEVING HEALTH EQUITY

The Impact of the Social Determinants
of Housing, Education & Employment
on Health Inequities

October 30th, 2017

JB Duke Hotel, 230 Science Drive, Durham, NC





Welcome

Welcome to the spotlight on *Achieving Health Equity: The Impact of the Social Determinants of Housing, Education and Employment on Health Inequities*.

We are delighted to have you join us, and thank you for travelling from both near and far to participate in this special event. Attendees represent thought leaders from various behavioral science disciplines, government and policy institutions, for-profit and nonprofit organizations. We are also pleased to welcome several members of the media.

We encourage you to share what you have learned with members of your own communities and we hope that you will take this spotlight as an opportunity to make new connections with participants from different disciplines.

Support for this event was provided in part by the Robert Wood Johnson Foundation. The Robert Wood Johnson Foundation strives to build a national Culture of Health, where all are enabled to live healthier lives, now and for generations to come.

Thank you again for joining us in Durham, North Carolina.



The views expressed at the spotlight do not necessarily reflect the views of the Foundation.

Program

8:00-8:15am

Welcome, Introductions, and Opening Comments from the Robert Wood Johnson Foundation

Ballroom A-B

The Robert Wood Johnson Foundation sponsors, our Program Committee Chair, and Duke University leadership introduce 'The Impact of the Social Determinants of Housing, Education and Employment on Health Inequities Spotlight' – interactive engagement is strongly encouraged!

Speakers

Priya Gandhi, Robert Wood Johnson Foundation
Dr. Steven Patierno, Duke University
Dean Mary Klotman, Duke University

8:15-9:45am

The Impact of the Social Determinants of Housing, Education and Employment on Health Disparities

Ballroom A-B

Nationally recognized thought leaders will outline the importance of addressing three key areas of focus that require an interchange between behavioral scientists and policy makers: housing, education and employment - and why these three pillars are so important when seeking to tackle health inequities.

Speakers

Slum Upgrading...Or is it Gentrification?: Unexpected Health Consequences of Housing and Space Improvements in Marginalized Urban Neighborhoods
Dr. Gina Lovasi, Drexel University
Does Being Wealthy Make You Healthy and Wise? Reflections on the Intersection Between Wealth, Education and Health
Dr. William (Sandy) Darity, Duke University
Working for a Living: Employment as a Social Determinant of Health and Health Inequities
Dr. Laura Linnan, University of North Carolina at Chapel Hill

9:45-10:15am

Open Discussion – Panel and Audience

Ballroom A-B

Moderator

Dr. Steve Patierno, Duke University

10:15-10:30am **Coffee break**
Ballroom A-B

10:30-12:00pm **Next Generation Methodologies to Study the Impact of Housing, Education and Employment on Health Disparities**
Ballroom A-B

What tools do we have at our disposal to understand and address health inequities? This session will highlight emerging cross-disciplinary methodologies with a view to inspiring holistic approaches in housing, employment and education to help address this challenge.

Speakers

Next Generation Modeling of Omics, Exposures and Social Determinants in Health Inequities
Dr. Terry Hyslop, Duke University

Next Generation Estimation Approaches to Anticipate the Effects of Different Interventions in Different Populations
Dr. Jennifer Ahern, University of California, Berkeley

Next Generation Simulation Modeling of Health Inequities
Dr. Ross Hammond, The Brookings Institution

12:00-1:15 pm **Lunch Colloquium: Speaker & Panel Discussion**
The Marketplace

Challenge your assumptions as we delve into the finer issues about roles and values in Health Care. What are some of the controversies and pain points? How do we adequately address these controversies to foster health equity?

Speaker

My Neighborhood Made Me Eat It: Unconscious Influences on Health Behavior
Dr. Peter Ubel, Duke University

Panel discussion

Dilemmas and Trade Offs in Achieving Health Equity

Moderator

Dr. Sim Sitkin, BSPA/Duke University

1:15-1:30pm **Break**
Ballroom A-B

1:30-3:00pm **Achieving Health Equity: Integrated Approaches and Opportunities to be Pursued**
Ballroom A-B

Engage with a panel of behavioral science practitioners and researchers as they highlight 'what works' in health equity, and explore research opportunities ripe for attention from academics and funders alike in order to push this agenda forward.

Speaker

A View from the Bridge Connecting Social Inequities and Health: Integrating Social and Biological Perspectives
Dr. Allison Aiello, University of North Carolina at Chapel Hill

Data Science: The Double-Edged Sword of Health Inequities
Dr. Robert Califf, Former Commissioner FDA/Duke University

From the Clouds to the Ground: Addressing Health Inequities Through Population Health Improvement
Dr. L. Ebony Boulware, Duke University

3:00-3:30pm **Open Discussion – Panel and Audience**
Ballroom A-B

Moderator

Dr. Steve Patierno, Duke University

3:30-4:00pm **Wrap up & Research Take Aways**

The Robert Wood Johnson Foundation & Spotlight Program Committee

4:00-5:30pm **Reception**
Team Room 59

Thank you for your time. Please join us for a farewell reception before heading home!

team

Program Chair

Steve Patierno, Duke University

Robert Wood Johnson Foundation Team

Priya Gandhi, RWJF

Matthew Trujillo, RWJF

Behavioral Science & Policy Association Team

Kaye de Kruif, BSPA

Sim Sitkin, BSPA/Duke University

Kate Wessels, BSPA

Volunteer

Laura Sitkin, SSRC

speakers

Jennifer Ahern, University of California, Berkeley

Allison Aiello, University of North Carolina at Chapel Hill

L. Ebony Boulware, Duke University

Robert Califf, Duke University/Former Commissioner FDA

William (Sandy) Darity, Duke University

Ross Hammond, The Brookings Institution

Terry Hyslop, Duke University

Mary Klotman, Duke University School of Medicine

Laura Linnan, University of North Carolina at Chapel Hill

Gina Lovasi, Drexel University

Peter Ubel, Duke University



Dr. Jennifer Ahern, PhD MPH

Associate Dean for Research and Associate Professor of Epidemiology at University of California, Berkeley, School of Public Health

Dr. Jennifer Ahern, PhD MPH, is Associate Dean for Research and Associate Professor of Epidemiology at University of California, Berkeley, School of Public Health. She examines the effects of the social and physical environment, and programs and policies that alter the social and physical environment, on many aspects of health (e.g., violence, substance use, mental health, and gestational health). Dr. Ahern has a methodological focus to her work, including application of causal inference methods and semi-parametric estimation approaches, aimed at improving the rigor of observational research, and optimizing public health intervention planning. Her research is supported by a New Innovator Award from the National Institutes of Health (NIH), Office of the Director.



Dr. Allison Aiello

University of North Carolina at Chapel Hill

Dr. Aiello is Professor of Epidemiology at the University of North Carolina (UNC) Gillings School of Global Public Health, where she leads the Social Epidemiology Program, Directs the Integrating Special Populations Program of the NC Translation and Clinical Sciences Institute, and Co-Directs the Interdisciplinary Training in Life Course Research NICHD T32 Program. She is also a fellow at the Carolina Population Center and on the advisory board of the Center for Health Equity Research at the UNC Medical School. Prior to joining UNC, Dr. Aiello spent 10 years on faculty at the University of Michigan in the Center for Social Epidemiology and Population Health and is a former Robert Wood Johnson Foundation Health and Society Scholar. Dr. Aiello's research integrates concepts from both sociological and biological sciences to develop unifying research approaches for addressing complex health questions across the life course. She has a long-standing interest in health equity research and the integration of biomarkers in social and health sciences. Dr. Aiello has published over 150 journal articles and has written several book chapters.



L. Ebony Boulware, MD MPH

Duke University

L. Ebony Boulware is a Professor of Medicine, Chief of the Division of General Internal Medicine in the Department of Medicine, Vice Dean for Translational Science and Associate Vice Chancellor for Translational Research in the School of Medicine at Duke University. She received an A.B. from Vassar College, an M.D. from Duke University, and a M.P.H. from the Johns Hopkins Bloomberg School of Public Health.

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Dr. Boulware attended medical school at Duke University, followed by residency and a year as chief resident in Internal Medicine at the University of Maryland. She then completed a Research Fellowship in General Internal Medicine at Johns Hopkins, where she remained on faculty for over 10 years. In 2013, she moved to Duke University as the Chief of the Division of General Internal Medicine in the Duke Department of Medicine. In 2015, she became the Director of Duke's Clinical and Translational Science Award and subsequently the Director of the Duke Clinical and Translational Science Institute.

Dr. Boulware has spent the majority of her scholarly career investigating mechanisms to improve the quality and equity of care and health outcomes of patients and populations with chronic diseases such as chronic kidney disease and hypertension. Dr. Boulware's research has been funded by numerous organizations, including the National Institutes for Health, the Patient Centered Outcomes Research Institute, the Health Resources and Services Administration, the Agency for Health Care Research and Quality, and foundations. She has published over 100 manuscripts and she has mentored numerous students, fellows, and faculty members in clinical research. Dr. Boulware frequently engages community members, patients, their family members, and other stakeholders to develop and implement relevant and sustainable interventions to improve health.



Robert M. Califf, MD, MACC
Vice Chancellor for Health Data Science, Donald F. Fortin Professor of Cardiology, Division of Cardiology, Department of Medicine, Duke University School of Medicine

Throughout my career I have been involved in development of medical products and the assessment of the economic value of technology. My recent experience as FDA Commissioner further solidified this knowledge base. A role as advisor to this project will combine my previous experience with this phase of my career in which I am focused in improving the generation of evidence, the organization of information, the analysis of data to produce actionable insight into health and healthcare and the implementation of effective strategies to improve health and healthcare based on high quality evidence. I am working half-time as Vice Chancellor for Health Data Science at Duke University and half-time as advisor for Verily Life Sciences, a member of the Alphabet family formed by Google.



William A. Darity Jr., Ph.D
Samuel DuBois Cook Professor of Public Policy

William A. ("Sandy") Darity Jr. is the Samuel DuBois Cook Professor of Public Policy, African and African American Studies, and Economics and the director of the Samuel DuBois Cook Center on Social Equity at Duke University. He has served as chair of the Department of African and African American Studies and was the founding director of the Research Network on Racial and Ethnic Inequality at Duke. Previously he served as director of the Institute of African American Research, director of the Moore Undergraduate Research Apprenticeship Program, director of the Undergraduate Honors Program in economics, and director of Graduate Studies at the University of North Carolina.

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Darity's research focuses on inequality by race, class and ethnicity, stratification economics, schooling and the racial achievement gap, North-South theories of trade and development, skin shade and labor market outcomes, the economics of reparations, the Atlantic slave trade and the Industrial Revolution, the history of economics, and the social psychological effects of exposure to unemployment.

He was a fellow at the Center for Advanced Study in the Behavioral Sciences (2011-2012) at Stanford, a fellow at the National Humanities Center (1989-90) and a visiting scholar at the Federal Reserve's Board of Governors (1984). He received the Samuel Z. Westerfield Award in 2012 from the National Economic Association, the organization's highest honor. He is a past president of the National Economic Association and the Southern Economic Association. He also has taught at Grinnell College, the University of Maryland at College Park, the University of Texas at Austin, Simmons College and Claremont-McKenna College.

Darity lives with his family in Durham, N.C. where he plays harmonica in a local blues band, occasionally coaches youth sports, and especially enjoys reading science fiction and speculative fiction.



Ross A. Hammond, Ph.D.
Brookings Institution

Ross A. Hammond is a Senior Fellow in Economic Studies at the Brookings Institution, where he is also Director of the Center on Social Dynamics and Policy. His primary area of expertise is modeling complex dynamics in economic, social, and public health systems using methods from complexity science. His current research topics include obesity etiology and prevention, food systems, tobacco control, behavioral epidemiology, health disparities, childhood literacy, crime, corruption, segregation, and decision-making. Hammond received his B.A. from Williams College and his Ph.D. from the University of Michigan. He has authored numerous scientific articles in prominent journals such as Lancet, JAMA Pediatrics, American Journal of Public Health, PNAS, Evolution, and Journal of Conflict Resolution, and his work has been featured in The Atlantic Monthly, New Scientist, Salon, Scientific American, and major news media.



Terry Hyslop
Professor, Biostatistics & Bioinformatics at Duke University

Terry Hyslop, PhD is Professor, Biostatistics & Bioinformatics at Duke University. She is also the Director of Biostatistics for the Duke Cancer Institute. Dr. Hyslop joined Duke in January, 2014. Prior to Duke, Dr. Hyslop was at Thomas Jefferson University in Philadelphia, PA.



Laura A. Linnan, ScD
Senior Associate Dean for Academic and Student Affairs

Laura A. Linnan, ScD, Senior Associate Dean for Academic and Student Affairs, is also Professor in the Department of Health Behavior at the University of North Carolina-Chapel Hill Gillings School of Global Public Health. In 2010, she became Founding Director of the Carolina Collaborative for Research on Work and Health (CCRWH), an inter-disciplinary collaborative of academics, employers, government officials and others whose mission is to stimulate new research that leads to policies and practices that improve worker and workplace health. Dr. Linnan is currently funded by the National Heart, Lung and Blood Institute (NHLBI), with Dianne Ward, EdD (multiple PI), to focus on promoting physical activity and creating a supportive work environment for low-wage childcare workers in more than 80 childcare centers in North Carolina. Dr. Linnan is lead developer of the CDC-funded national survey of employers called Workplace Health in America. She is also PI of a national survey of state health departments to assess their current activities and capacity to conduct workplace safety and health activities. This study was featured last week as part of a CDC-sponsored international webcast titled, Frontiers in Workplace Health and Safety. She also served as PI of the Coordinating Center for the CDC-funded Workplace Health Research Network – a national network of research on workplace health and safety. Dr. Linnan has served on a wide range of national advisory boards, working groups and/or study sections on topics related to workplace health for several institutes at NIH, CDC and NIOSH.



Gina S. Lovasi, Ph.D, MPH
Urban Health Collaborative Co-Director and Dornsife Associate Professor of Urban Health

She received a Bachelor of Science degree in Ecology, Behavior and Evolution at University of California Los Angeles, a Master of Public Health degree and Doctor of Philosophy degree in Epidemiology from University of Washington. Dr. Lovasi is a social epidemiologist with a commitment to using longitudinal spatial data and emerging statistical approaches to shift the field of urban health research toward more convincing, cohesive, efficient and actionable knowledge generation. Her research focuses on how policies and urban infrastructure influence cardiovascular and pulmonary health, as well as differences in these effects across population subgroups with relevance to health equity. She leads coordinated efforts across the multiple institutions that are coming together to help develop rigorous, action-oriented research focused on longitudinal assessments of neighborhood characteristics and their trajectories of change.



Dr. Steve Patierno
Professor of Medicine, Professor of Pharmacology and Cancer Biology, Professor in Community and Family Medicine, Member of the Duke Cancer Institute

Patierno’s research interests are focused on Cancer Control but include a broad spectrum of laboratory, population level, and health services research. He is internationally recognized as a leading expert in cancer causation and molecular carcinogenesis. His carcinogenesis research focuses on molecular mechanisms of DNA damage and repair, and cellular signaling responses at the nexus between cell death and survival. His translational research is focused on the genomics of cancer disparities, cancer biology, molecular pharmacology and targeted experimental therapeutics to control tumor aggressiveness.

Patierno is also actively engaged in cancer health disparities and health services research, particularly in patient navigation, survivorship, community-based interventions, mHealth, implementation sciences, cancer care economics, and policy.



Sim Sitkin
Duke University

Sim Sitkin is Michael W. Krzyzewski University Professor of Leadership, Professor of Management and Public Policy, Founding Faculty Director of the Fuqua/Coach K Center on Leadership and Ethics at the Fuqua School of Business, and Director of the Behavioral Science and Policy Center at Duke University Professor Sitkin’s research focuses on leadership and control systems, and their influence on risk taking, accountability, trust, learning, M&A processes, and innovation. His research has appeared in such publications as Academy of Management Annals, Academy of Management Journal, Academy of Management Review, Administrative Science Quarterly, Harvard Business Review, and Organization Science. His most recent books are Organizational Control (2010), The Six Domains of Leadership (2015) and Routledge Companion to Trust (2017). He is Founding Editor of Behavioral Science & Policy, Consulting Editor of Science You Can Use, Advisory Board Member of the Journal of Trust Research. Prior to obtaining his PhD in organizational behavior from Stanford University, Sim spent over ten years in a variety of managerial and executive roles with responsibility for planning, information technology, financial administration, and research in consulting, non-profit, and government organizations.



Peter A. Ubel M.D.
Duke University

Peter A. Ubel M.D. is a physician and behavioral scientist whose research and writing explores how people make decisions related to health and health care. He is the Madge and Dennis T. McLawhorn University Professor of Business, Public Policy and Medicine at Duke University. He is director of the Program for Improving Healthcare Consumerism, and core faculty at the Duke-Margolis Center for Health Policy. He uses the tools of decision psychology and behavioral economics to explore topics like informed consent, shared decision making and health care cost containment. He has authored over 250 academic publications, the majority of which involve empirical explorations of decision psychology as it pertains to health care. He has written for *the New York Times*, *the Los Angeles Times*, *the Atlantic*, *the New Yorker*, and is a regular contributor at *Forbes*. His books include *Pricing Life* (MIT Press 2000), *Free Market Madness* (Harvard Business Press, 2009) and *Critical Decisions* (HarperCollins, 2012). You can find his blogs and other information at <http://www.peterubel.com/>.

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about bspa

The Behavioral Science & Policy Association is a global hub of behavioral science resources, curated by leading scholars and policymakers, aimed at facilitating positive change and innovative solutions to a range of societal challenges.

www.behavioralpolicy.org

contact details

want more information on membership or have a question that we can help you with? contact Kaye de Kruif

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