Global Health Opportunity of the 21st Century: Tackling Climate Change

Friday, October 2, 2015
10:00 am - 5:00 pm
Sommer Hall
Johns Hopkins Bloomberg School of Public Health
The JHU Summit on Climate Change & Health
Global Health Opportunity of the 21st Century: Tackling Climate Change
October 2, 2015
Sommer Hall | Johns Hopkins Bloomberg School of Public Health

Welcome: Michael J. Klag, MD, MPH ’87, Dean, Johns Hopkins Bloomberg School of Public Health

Overview of Summit: Marsha Wills-Karp, PhD, Professor and Chair, Department of Environmental Health Sciences

Session I: Mitigation Strategies for Reduction of Climate Change

10:10 - 10:40
“Burning Fossil Fuels: Climate Change and Health”
Alfred Sommer, MD, MHS, Dean Emeritus, Johns Hopkins Bloomberg School of Public Health

10:40 - 11:10
Benjamin F. Hobbs, PhD, Professor, Department of Geography and Environmental Engineering

BREAK

11:25 - 11:55
“The Conservative Case for a Carbon Tax”
Jerry Taylor, President of Niskanen Center, Washington DC

Panel Discussion and Q & A

Moderator
Peter Winch, MD, MPH, Professor and Director, Social and Behavioral Interventions (SBI) Program, Department of International Health

Panelists
• Alfred Sommer, MD, MHS, Dean Emeritus, JHSPH
• Brian Schwartz, MD, MS, Professor, Environmental Health Sciences
• Cindy Parker, MD, MPH, Assistant Professor, Environmental Health Sciences, Associate Director of the Environment, Energy, Sustainability & Health Institute (E2SHI)
• Benjamin F. Hobbs, PhD, Theodore M. and Kay W. Schad Professor of Environmental Management, JHU Whiting School of Engineering Director, JHU Environment, Energy, Sustainability & Health Institute
• Jerry Taylor, President of Niskanen Center, Washington DC

12:00 pm
Lunch on your own

Session II: Health Benefits of Carbon Tax

1:20 - 1:40
“Climate, Energy, and Carbon Pricing Issues Surrounding the Built Environment”
Brian Schwartz, MD, MS, Professor, Environmental Health Sciences

1:40 - 2:00
“Health Impacts of Carbon Pricing: Potential Benefits for Chronic Disease Reduction”
Cindy Parker, MD, MPH, Assistant Professor, Environmental Health Sciences

Panel Discussion

Moderator
Vicente Navarro, MD, DrPH, PhD, Professor of Health and Public Policy, JHSPH; Director, JHU-UPF Public Policy Center

Panelists
• Roni Neff, PhD, Director, Food System Sustainability and Public Health, Center for a Livable Future, Associate Professor, Environmental Health Sciences
• Pierre-Gerlier Forest, PhD, Director, Institute for Health and Social Policy, JHSPH; Co-Director, JHU-UPF Public Policy Center
• Mary Sheehan, PhD, MPH, Associate Faculty, JHU-UPF Public Policy Center
• Erica Schoenberger, PhD, Professor of the Department of Geography and Environmental Engineering at the Johns Hopkins Whiting School of Engineering
• Jennifer Martin JD, Director of Public Health Preparedness and Response, Baltimore City Health Department
• Cliff Mitchell, MD, MPH, Director of Environmental Health Bureau, Maryland Department of Health and Mental Hygiene
• John Balbus, MD, MPH, Senior Advisor for Public Health, NIEHS; Director NIEHS-WHO Collaborating Center for Environmental Health Sciences
• Bob Perciasepe MPA, President, Center for Climate and Energy Solutions

Wrap-up, Conclusions, Next Steps

Pierre-Gerlier Forest, PhD, Director, Institute for Health and Social Policy, JHSPH; Co-Director, JHU-UPF Public Policy Center

5:00 - 6:00
Reception in the Gallery (Wall of Wonder)
Jennifer L. Martin, JD, MA, is the Director in the Office of Public Health Preparedness and Response at the Baltimore City Health Department (BCHD). As the Director, she oversees and facilitates the emergency preparedness and response program within the agency, including biosurveillance and bioterrorism program activities, COOP planning, and health and medical response planning. Additionally, the City's extreme heat and extreme cold planning efforts are led by BCHD under the direction of Ms. Martin. She is a 2007 graduate of the University of Maryland School of Law and a 2013 graduate of the Naval Postgraduate School.

Pierre-Gerlier Forest, PhD, is the Director of Johns Hopkins Institute for Health and Social Policy and Professor of Health Policy and Management at the Bloomberg School of Public Health. He is an author or co-author of more than a hundred and fifty scientific papers and books; among others, notably: Changing Health Care in Canada (2004) and Paradigm Freeze (2013). Prior to joining Johns Hopkins University, he was the president of the Pierre Elliott Trudeau Foundation, a Canadian institution supporting policy innovation and the dissemination of actionable research results. He received his PhD from the Universite de Montreal and his MA from Universite Laval, Canada.

Benjamin F. Hobbs, PhD, is the Theodore M. and Kay W. Schad Chair of Environmental Management at the Johns Hopkins University, and has been a member of the faculty of that university's Department of Geography & Environmental Engineering since 1995. Since 2010, he has been the inaugural Director of the JHU Environment, Energy, Sustainability & Health Institute. Previously, he was at Brookhaven and Oak Ridge National Laboratories, and on the faculty of the departments of Systems Engineering and Civil Engineering at Case Western Reserve University. He earned a PhD in Environmental Systems Engineering in 1983 from Cornell University. His research and teaching concerns the application of optimization and decision analysis to electric utility policy, planning, and operations and to water and ecosystem management. Dr. Hobbs has had visiting appointments at the Helsinki University of Technology, University of Washington, ECN (Netherlands Energy Research Center), Churchill College, and the University of Cambridge. Dr. Hobbs chairs the Market Surveillance Committee of the California Independent System Operator, and is a Fellow of IEEE and INFORMS.

Roni Neff, PhD, is Director of the Food System Environmental Sustainability program at the Johns Hopkins Center for a Livable Future and Assistant Professor in Environmental Health Sciences. Her current work focuses include wasted food, urban food system resilience, and protein consumption. Other key interests include farm policy, food system worker health and safety, and framing connections between food systems and public health. She received her PhD from the Johns Hopkins Bloomberg School of Public Health and her ScM from the Harvard School of Public Health.

Clifford S. Mitchell, MD, is the Director of the Environmental Health Bureau at the Maryland Department of Health and Mental Hygiene (DHMH). The Bureau's responsibilities include: food protection, environmental, occupational, and injury epidemiology, and a wide array of healthy homes programs. He joined DHMH in 2006, after 14 years on the faculty of Johns Hopkins Bloomberg School of Public Health. Dr. Mitchell received the BA from Williams College, an MS from the Mass. Institute of Technology, the MD degree from Case Western Reserve University, and his MPH from the Johns Hopkins School of Hygiene and Public Health.

Vincent Navarro, MD, PhD, DrPH, is the Director of the Johns Hopkins University-Universitat Pompeu Fabra Public Policy Center and Director of the Fall Institute in Barcelona, Spain. He is also Professor of Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health. He is best known for his research in social policy and specifically the socio-political economic forces that shape health policy. He received his MD and PhD from the University of Barcelona and DrPH from the Johns Hopkins Bloomberg School of Public Health.

Clifford S. Mitchell, MD, is the Director of the environmential Health Bureau at the Maryland Department of Health and Mental Hygiene (DHMH). The Bureau's responsibilities include: food protection, environmental, occupational, and injury epidemiology, and a wide array of healthy homes programs. He joined DHMH in 2006, after 14 years on the faculty of Johns Hopkins Bloomberg School of Public Health. Dr. Mitchell received the BA from Williams College, an MS from the Mass. Institute of Technology, the MD degree from Case Western Reserve University, and his MPH from the Johns Hopkins School of Hygiene and Public Health.

Roni Neff, PhD, is Director of the Food System Environmental Sustainability program at the Johns Hopkins Center for a Livable Future and Assistant Professor in Environmental Health Sciences. Her current work focuses include wasted food, urban food system resilience, and protein consumption. Other key interests include farm policy, food system worker health and safety, and framing connections between food systems and public health. She received her PhD from the Johns Hopkins Bloomberg School of Public Health and her ScM from the Harvard School of Public Health.

Cindy L. Parker, MD, MPH, is an Assistant Professor in the Department of Environmental Health Sciences at the Johns Hopkins Bloomberg School of Public Health and in the Department of Earth and Planetary Sciences in the Krieger School of Arts and Sciences. She also directs the undergrad major in Global Environmental Sustainability and Health and is the Associate Director of the Johns Hopkins Environment, Energy, Sustainability and Health Institute. She focuses on the myriad health impacts of energy, food, and transportation choices, translating this research information into meaningful, evidence-based messages for health professionals, policymakers, and the public.

John M. Balbus, MD, MPH, serves as Senior Advisor for Public Health to the Director of the National Institute of Environmental Health Sciences, where he also directs the NIEHS-WHO Collaborating Centre for Environmental Health Sciences. He serves as the Department of Health and Human Services Principal to the U.S. Global Change Research Program and also co-chairs working groups on Climate Change and Human Health for the US Global Change Research Program and for the National Institutes of Health. Dr. Balbus received his MD degree from the University of Pennsylvania, his MPH degree from the Johns Hopkins School of Public Health, and his undergraduate degree in Biochemistry from Harvard University.

Vincent Navarro, MD, PhD, DrPH, is the Director of the Johns Hopkins University-Universitat Pompeu Fabra Public Policy Center and Director of the Fall Institute in Barcelona, Spain. He is also Professor of Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health. He is best known for his research in social policy and specifically the socio-political economic forces that shape health policy. He received his MD and PhD from the University of Barcelona and DrPH from the Johns Hopkins Bloomberg School of Public Health.

Clifford S. Mitchell, MD, is the Director of the Environmental Health Bureau at the Maryland Department of Health and Mental Hygiene (DHMH). The Bureau's responsibilities include: food protection, environmental, occupational, and injury epidemiology, and a wide array of healthy homes programs. He joined DHMH in 2006, after 14 years on the faculty of Johns Hopkins Bloomberg School of Public Health. Dr. Mitchell received the BA from Williams College, an MS from the Mass. Institute of Technology, the MD degree from Case Western Reserve University, and his MPH from the Johns Hopkins School of Hygiene and Public Health.

John M. Balbus, MD, MPH, serves as Senior Advisor for Public Health to the Director of the National Institute of Environmental Health Sciences, where he also directs the NIEHS-WHO Collaborating Centre for Environmental Health Sciences. He serves as the Department of Health and Human Services Principal to the U.S. Global Change Research Program and also co-chairs working groups on Climate Change and Human Health for the US Global Change Research Program and for the National Institutes of Health. Dr. Balbus received his MD degree from the University of Pennsylvania, his MPH degree from the Johns Hopkins School of Public Health, and his undergraduate degree in Biochemistry from Harvard University.
Bob Perciasepe, MPA is President of the Center for Climate and Energy Solutions (C2ES), a leading, independent voice for practical policy and action to address our energy and climate challenges. He has been an environmental policy leader in and outside government for more than 30 years, most recently as Deputy Administrator of the U.S. Environmental Protection Agency (EPA). He has also served as Maryland Secretary of the Environment and as a senior planning official for the city of Baltimore. He holds a master’s degree in planning and public administration from the Maxwell School of Syracuse University and a Bachelor of Science degree in natural resources from Cornell University.

Joshua Sharfstein, MD, is Associate Dean for Public Health Practice and Training at the Johns Hopkins Bloomberg School of Public Health. He also holds a faculty appointment in the Department of Health Policy and Management. Previously, he served as the Secretary of the Maryland Department of Health and Mental Hygiene, the Principal Deputy Commissioner of the U.S. Food and Drug Administration, as Commissioner of Health for Baltimore City, and as health policy advisor for Congressman Henry A. Waxman. He received his MD from Harvard Medical School.

Mary C. Sheehan, PhD, MPH, is a consultant in health and global environmental change, and coordinates the Climate-Healthy Cities project. As Associate Faculty at Johns Hopkins Bloomberg School of Public Health and Universitat Pompeu Fabra she has taught and researched on climate change and health policy. In various positions at the World Bank over two decades her work focused on improving urban environmental infrastructure and public policies in low- and middle-income countries. She has an MPH and a PhD in environmental risk assessment and management from the Bloomberg School, and a Masters Degree in international natural resource economics from the Fletcher School, Tufts University.

Erica Schoenberger, PhD, is Professor of the Department of Geography and Environmental Engineering at the Johns Hopkins Whiting School of Engineering. Her most recent publication, Nature, Choice and Social Power, takes a historical-geographical approach to understanding how we created the environmental mess we are in and what is preventing us from addressing it appropriately. Her research interests include economic geography, environmental history, environmental politics and policy, history of mining, history of the automobile and interdisciplinary scientific collaboration. She received her PhD from the University of California, Berkeley.

Brian S. Schwartz, MD, MS, is a Professor of Environmental Health Sciences and Epidemiology at the Johns Hopkins Bloomberg School of Public Health and of Medicine at the Johns Hopkins School of Medicine. His research uses environmental epidemiology methods in large-scale population-based studies using electronic health records to understand how climate, energy use, food production, the built environment, and natural systems impact human health.

Alfred Sommer, MD, MHS, is University Distinguished Service Professor and Gilman Scholar at Johns Hopkins University, and Dean Emeritus of the Bloomberg School of Public Health. He’s been a member of the 10 person Committee leading the “Risky Business” analysis and program, an major climate change initiative of its three co-Chairs, Michael Bloomberg, Hank Paulson, and Tom Styer. The aim of “Risky Business” is to sensitize American business leaders about the impact that climate change will have on U.S. industries.

Peter Winch, MD, MPH, is a Professor and Director of the Social and Behavioral Interventions (SBI) Program, Department of International Health, Johns Hopkins Bloomberg School of Public Health. His work includes examination of how fossil fuel prices impact health and health care services in low and middle-income countries, localization as a strategic direction to help residents of LMIC to adapt to both increasing prices for fossil fuels, and the effects of climate change on rural livelihoods. He collaborates with the Population-Health-Environment Consortium of Ethiopia, to evaluate their programs and is the Principal Investigator for a NSF grant examining strategies to reduce waste accumulation in low-income neighborhoods of Baltimore.

Jerry Taylor is the president of the Niskanen Center. Prior to founding the Center in 2014, Mr. Taylor spent 23 years at the Cato Institute, where he served as director of natural resource studies, assistant editor of Regulation magazine, senior fellow, and then vice president. Before that, Mr. Taylor was the staff director for the energy and environment task force at the American Legislative Exchange Council (ALEC). Over the past two decades, Mr. Taylor has been one of the prominent and influential libertarian voices in energy policy in Washington. He is the author of numerous policy studies, has testified often before Congress, and his commentary has appeared in The Washington Post, New York Times, Wall Street Journal, and other prominent print and electronic outlets.

Bob Perciasepe, MPA is President of the Center for Climate and Energy Solutions (C2ES), a leading, independent voice for practical policy and action to address our energy and climate challenges. He has been an environmental policy leader in and outside government for more than 30 years, most recently as Deputy Administrator of the U.S. Environmental Protection Agency (EPA). He has also served as Maryland Secretary of the Environment and as a senior planning official for the city of Baltimore. He holds a master’s degree in planning and public administration from the Maxwell School of Syracuse University and a Bachelor of Science degree in natural resources from Cornell University.

Joshua Sharfstein, MD, is Associate Dean for Public Health Practice and Training at the Johns Hopkins Bloomberg School of Public Health. He also holds a faculty appointment in the Department of Health Policy and Management. Previously, he served as the Secretary of the Maryland Department of Health and Mental Hygiene, the Principal Deputy Commissioner of the U.S. Food and Drug Administration, as Commissioner of Health for Baltimore City, and as health policy advisor for Congressman Henry A. Waxman. He received his MD from Harvard Medical School.