REIMAGINING HEALTH IN CITIES:

New directions in urban health research and action

September 10 & 11, 2015
Philadelphia, PA

DREXEL UNIVERSITY
School of
Public Health

WELCOME

It is increasingly clear that the future of humanity lies largely in cities. Levels of urbanization have grown rapidly worldwide and are expected to continue to grow. It is estimated that by 2050, 66% of the world's population will live in cities. This growth will occur not only in large megacities but also in many small cities that are expanding very rapidly.

The health challenges of cities are growing and have expanded beyond traditional urban health concerns – infectious diseases and toxic environmental exposures – to encompass chronic diseases associated with poor diets, sedentary life styles, and physical and mental health issues that are linked to violence, poverty, unemployment, income insecurity and poor working conditions. Cities are often diverse and show large social inequalities that are reflected in pronounced health inequalities. Addressing these health inequalities is key not only to improve population health overall but also to ensure the moral imperative of health as a human right.

Cities also present enormous opportunities for health improvement. They can promote productive social interactions and be hubs for innovation and creativity. Urban policies across sectors (from transportation, to food policy, to community development, to health care, among others) can influence the health of millions. Increasing data availability and new analytical tools provide rich and exciting opportunities to characterize the health of cities, understand key drivers and generate evidence for action.

We at the Drexel School of Public Health view improving health in cities and eliminating health disparities in cities as core to our mission. We are thrilled to welcome researchers, practitioners, policy makers and community members to this first Drexel School of Public Health Symposium. It is our hope that you will engage with the speakers and with each other to reflect critically on the links between urban environments and health, identify new opportunities for research and, most importantly, consider implications for community action and policy.

Welcome to Philadelphia and to the Drexel School of Public Health!

Ana V. Diez Roux, MD, PhD, MPH
Dean, Drexel School of Public Health

THURSDAY, SEPTEMBER 10

7:30-8:30 – Breakfast/Registration

8:30-8:40 – Welcome and Overview
Ana V. Diez Roux, MD, PhD, MPH, Dean and Distinguished University Professor of Epidemiology, Drexel School of Public Health

8:40-10:30 – Session I: Health challenges facing urban areas today
Moderator: Jo Ivey Boufford, MD, President, The New York Academy of Medicine

Mary T. Bassett, MD, MPH, Commissioner, New York City Department of Health and Mental Hygiene

James Buehler, MD, Health Commissioner, City of Philadelphia

Leana Wen, MD, MSc, Commissioner, Baltimore City Health Department

Mitchell Katz, MD, Director, Los Angeles County Department of Health Services

Carlos Santos-Burgoa MD, MPH, PhD, Professor, Global Health Policy, Milken Institute School of Public Health, George Washington University

10:30-10:50 – Break

10:50-12:40 – Session II: Novel uses of data in urban health research and action
Moderator: Ghassan Hamra, PhD, Assistant Professor of Environmental and Occupational Health, Drexel School of Public Health

Using social media data to inform population health
Mark Dredze, PhD, Assistant Research Professor of Computer Science, Human Language Technology Center of Excellence, Johns Hopkins University

Ecometrics in the age of big data: novel approaches to using big data to characterize city neighborhoods
Daniel O'Brien, PhD, Research Director, Boston Area Research Initiative, Assistant Professor of Public Policy and Urban Affairs and Criminology and Criminal Justice, Northeastern University

The use of mixed methods in urban health: The example of marijuana dispensaries and health
Stephen Lankenau, PhD, Professor of Community Health and Prevention, Drexel School of Public Health

Innovative use of data to advance population health
Winfred Wu, MD, MPH, Primary Care Information Project, New York City Department of Health and Mental Hygiene

Capitalizing on natural experiments to understand health impacts of policies
Sam Harper, PhD, Associate Professor of Epidemiology, Biostatistics and Occupational Health, McGill University

12:40-1:45 – Lunch

1:45-2:30 – Session III: Multi-sectoral data in cities: Data challenges and insights

Martin Sepúlveda, MD, MPH
IBM Fellow and Vice President, Integrated Health Services, IBM Corporation

2:30-3:00 – Break

3:00-4:45 – Session IV: Using the tools of complex systems to understand urban health
Moderator: Amy Auchincloss, PhD, MPH, Associate Professor of Epidemiology and Biostatistics, Drexel School of Public Health

A review of the use of complex systems approaches in urban health research
José Siri, PhD, MPH, Research Fellow, United Nations University

Stakeholder engagement in systems mapping
Kristen Hassmiller Lich, PhD, Research Associate Professor of Health Management and Policy, UNC Gillings School of Global Public Health

Public health and criminal justice approaches to reducing urban violence: A simulation approach
Magdalena Cerdá, DrPH, MPH, Associate Professor of Emergency Medicine, Vice Chancellor's Chair in Violence Prevention, University of California, Davis

Tobacco town: Modeling the impact of tobacco use in cities
Douglas Luke, PhD, Professor and Director, Center for Public Health Systems Science, George Warren Brown School of Social Work, Washington University in St. Louis

A systems analysis approach to urban health
Franz Gatzweiler, PhD, Executive Director, ICSU-UNU-IAMP Programme on Urban Health and Wellbeing: A Systems Analysis Approach, Institute of Urban Environment, Chinese Academy of Sciences

4:45-5:00 – Day 1 Closing
Ana Diez Roux, MD, PhD, MPH, Dean and Distinguished University Professor of Epidemiology, Drexel School of Public Health

5:00-7:30 – Poster Session & Evening Reception
Please join us in the atrium level of the Bossone Research Center for a poster session and reception.

FRIDAY, SEPTEMBER 11

7:30-8:30 – Breakfast

8:30-10:00 – Session I: Urban planning and public health: Where have we been and where are we going?
Moderator: Yvonne Michael, ScD, SM, Associate Professor of Epidemiology and Biostatistics, Associate Dean for Academic and Faculty Affairs, Drexel School of Public Health

A view from public health
Howard Frumkin, DrPH, MPH, MD, Dean, School of Public Health, Professor of Environmental and Occupational Health Sciences, University of Washington

A view from urban planning
Daniel Rodríguez, PhD, Distinguished Professor of Sustainable Community Design, Department of City and Regional Planning; Director, Center for Sustainable Community Design, Institute for the Environment, University of North Carolina at Chapel Hill

Discussants:
Harris Steinberg, FAIA, Executive Director of the Lindy Institute for Urban Innovation, Distinguished Teaching Professor of Architecture at Drexel University Westphal College of Media Arts & Design

Amy Hillier, PhD, Associate Professor, Department of City and Regional Planning, University of Pennsylvania

Keith Davis, Healthy Communities Coordinator, Philadelphia City Planning Commission

10:00-10:30 – Break

10:30-12:30 – Session II: Policy and community action in urban health: From climate change to chronic diseases

Moderator: Giridhar Mallya, MD, MSHP, Director of Policy and Planning, Philadelphia Department of Public Health

Using local data for advocacy

Billie Giles-Corti, PhD, Professor, Melbourne School of Population and Global Health, The University of Melbourne, Australia

Community action and policy approaches to prevent adverse health effects of climate change in cities

Sabrina McCormick, PhD, MA, Associate Professor of Environmental and Occupational Health, Milken Institute School of Public Health, George Washington University

Community engagement implications of community action in urban health

Amy Carroll-Scott, PhD, MPH, Assistant Professor, Department of Community Health and Prevention, Drexel School of Public Health

12:30-12:40 – Wrap-Up and Closing

Ana Diez Roux, MD, PhD, MPH, Dean and Distinguished University Professor of Epidemiology, Drexel School of Public Health

SPECIAL THANKS

Faculty Planning Committee

Amy Auchincloss, Amy Carroll-Scott, Ana Diez Roux, Esther Chernak, Ghassan Hamra, Stephen Lankenau, Félice Lê-Scherban, Yvonne Michael, Jonathan Purtle, John Rich, Alexis Roth, Michael Yudell

Poster Review Committee

Amy Auchincloss, Amy Confair, Ghassan Hamra, Félice Lê-Scherban, Katie Livengood, Jonathan Purtle, Alexis Roth

Organizing Committee

Diane Benckert, Amy Confair, Jocelyn Craighead, Katie Livengood, Kim Menard, Kayli Moran

Staff and Volunteers

BIOGRAPHIES

Amy Auchincloss, PhD, MPH

Dr. Auchincloss is a social and environmental epidemiologist. Her research focuses on methods development and social and environmental determinants of chronic health conditions. Her on-going work examines risk factors within residential environments that influence health behaviors related to obesity and type 2 diabetes. Recent work has been focused on studying policies that affect restaurant environments and diet as well as studying new pedestrian/bicycle infrastructure and physical activity outcomes. She has used spatial/GIS methods as well as simulation tools from complex systems modeling in order to examine these topics. She has also studied air pollution epidemiology.

Mary T. Bassett, MD, MPH

Mary T. Bassett was appointed Commissioner of Health of New York City in February 2014. Her focus is on ensuring that every New York City neighborhood supports the health of its residents, with the goal of closing gaps in population health across this diverse city. Additionally, she promotes continued use of innovative policy tools to reduce tobacco use, unhealthy food and lack of physical activity that together drive contemporary mortality patterns. Originally from New York City, Dr. Bassett lived for nearly 20 years in Zimbabwe. Previously, she was a Program Director for the African Health Initiative and the Child Well-being Program at the Doris Duke Charitable Foundation. From 2002-2007 Dr. Bassett served as deputy commissioner of Health Promotion and Disease Prevention at the Department. She received her BA in History and Science from Harvard University, her MD from Columbia University's College of Physicians and Surgeons. She completed her medical residency at Harlem Hospital Center, and has a master's degree in Public Health from the University of Washington.

Jo Ivey Boufford, MD

Jo Ivey Boufford, MD, is President of The New York Academy of Medicine. Dr. Boufford is Professor Emeritus of Public Service, Health Policy and Management at the Robert F. Wagner Graduate School of Public Service and Clinical Professor of Pediatrics at New York University School of Medicine. She is Co-Director of the National Program Office of the Robert Wood Johnson Foundation Health and Society Scholars Program. She has served as Dean of the Robert F. Wagner Graduate School of Public Service

at New York University, as Principal Deputy Assistant Secretary for Health in the U.S. Department of Health and Human Services (HHS), as Acting Assistant Secretary for Health, and as President of the New York City Health and Hospitals Corporation (HHC). Elected to membership in the Institute of Medicine (IOM) in 1992, she served as its Foreign Secretary and is a member of its Board on Global Health. She has been a Fellow of The New York Academy of Medicine since 1988 and a Trustee since 2004. Dr. Boufford received her BA (Psychology) magna cum laude from the University of Michigan, and her MD from the University of Michigan Medical School. She is Board Certified in pediatrics.

James Buehler, MD

James W. Buehler, MD, is Health Commissioner for the City of Philadelphia, where he leads the Philadelphia Department of Public Health (PDPH) in achieving its mission "to protect and promote the health of all Philadelphians and to provide a safety net for the most vulnerable." PDPH programs and services address infectious and chronic diseases, maternal and child health, environmental health, air quality, and food protection. In addition, PDPH operates 8 primary care clinics, sexually transmitted disease and tuberculosis clinics, the public health laboratory, and the city's medical examiner's office. Before joining the Department of Public Health in 2014, Dr. Buehler was a Professor in the Department of Health Management and Policy at the Drexel University School of Public Health. Previously, Dr. Buehler served as a Commissioned Officer in the U.S. Public Health Service at Centers for Disease Control and Prevention for over 20 years and as a member of the faculty of the Rollins School of Public Health at Emory University, both in Atlanta.

Amy Carroll-Scott, PhD, MPH

Dr. Amy Carroll-Scott is Assistant Professor in the Department of Community Health and Prevention at Drexel School of Public Health. Her research focuses on the social and contextual determinants of health and the application of social science and community-based participatory research methods to understanding and eliminating disparities. Before joining Drexel, she was on faculty at Yale where she was the Director of Research for CARE (Community Alliance for Research and Engagement), centered on the impact of multi-sectoral, community-based chronic disease prevention interventions and policies on the health status of New Haven residents. While a graduate student at UCLA, she directed the Data & Democracy Statewide Training Initiative at the UCLA Center for Health Policy Research, which provided free courses in basic research skills and health assessment methodology for community leaders. Dr. Carroll-Scott received an MPH from the University

of California, Berkeley and a PhD from the University of California, Los Angeles School of Public Health.
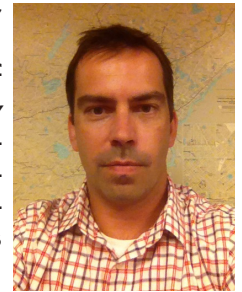
Magdalena Cerdá, DrPH, MPH

Magdalena Cerdá is the Vice Chancellor's Chair in Violence Prevention, and an Associate Professor in the Department of Emergency Medicine, at the University of California, Davis. Her research focuses on the neighborhood causes and mental health consequences of violence, lifecourse influences on substance use trajectories, and the emergence of new drivers and forms of substance use. Dr. Cerdá is the recipient of a NIDA K01 Award entitled "Trajectories of Substance Use and Comorbid Mental Illness." In recent work she has used simulation approaches to evaluate the comparative impacts of investment in access to individualized treatment and investment in neighborhood-level preventive interventions on the rates of mental illness in New York City, and the comparative impacts of investment in community policing and investment in a community-based violence program on racial/ethnic inequalities in rates of alcohol-related homicide.

Keith Davis, MURP

Keith Davis is the Healthy Communities Coordinator for the Philadelphia City Planning Commission (PCPC). Keith works closely with the Philadelphia Department of Public Health's Chronic Disease Division, *Get Healthy Philly,* and PCPC's *Philadelphia2035* to coordinate resources, objectives, and implementation strategies towards realizing the programs' shared goals of reducing health disparities across neighborhoods. Keith has a BS from the University of Pittsburgh and a MURP from Florida Atlantic University.

Ana Diez Roux, MD, PhD, MPH

Ana V. Diez Roux, MD, PhD, MPH, is Dean of the Drexel University School of Public Health. Dr. Diez Roux is internationally known for her research on the social determinants of population health and the study of how neighborhoods affect health. Prior to joining Drexel, she was Chair of the Department of Epidemiology and Director of the Center for Social Epidemiology and Population Health at the University of Michigan. She was a member of the MacArthur Network on Socioeconomic Factors and Health and Co-Director of the Network on Inequality, Complexity and Health. She was awarded the Wade Hampton Frost Award for her contributions to public health by

the American Public Health Association. She is an elected member of the American Epidemiological Society, the Academy of Behavioral Medicine Research, and the Institute of Medicine of the National Academies of Science. Originally trained as a pediatrician, Dr. Diez Roux received an MD from the University of Buenos Aires, a master's degree in public health and doctorate in health policy and management from the Johns Hopkins School of Hygiene and Public Health.

Mark Dredze, PhD

Mark Dredze is an Assistant Research Professor in the Department of Computer Science at Johns Hopkins University and a research scientist at the Human Language Technology Center of Excellence. He is also affiliated with the Center for Language and Speech Processing and the Center for Population Health Information Technology. His research in natural language processing and machine learning has focused on graphical models, semi-supervised learning, information extraction, large-scale learning, and speech processing. His recent work includes health information applications, including information extraction from social media, biomedical and clinical texts. He obtained his PhD from the University of Pennsylvania in 2009.

Howard Frumkin, DrPH, MD, MPH

Howard Frumkin is Dean and Professor of Environmental and Occupational Health Sciences at the University of Washington School of Public Health. From 2005 to 2010 he held leadership roles at the U.S. Centers for Disease Control and Prevention, first as director of the National Center for Environmental Health and Agency for Toxic Substances and Disease Registry (NCEH/ATSDR), and later as Special Assistant to the CDC Director for Climate Change and Health. During his tenure at NCEH/ATSDR, he created programs in Climate Change and in Healthy Community Design; launched training programs for college students, doctoral students, and post-docs; expanded its Biomonitoring and Environmental Public Health Tracking programs; and launched its National Conversation on Public Health and Chemical Exposures. His research interests include public health aspects of the built environment, climate change, energy policy, and nature contact; toxic effects of chemicals; and environmental health policy. Dr. Frumkin received his AB from Brown University, his MD from the University of Pennsylvania, and his MPH and DrPH from Harvard.

Franz Gatzweiler, PhD

Dr. Franz W. Gatzweiler studied Agricultural Economics at the University of Bonn and the Humboldt University of Berlin. His research interests lie at the intersection of ecological, economic and social sciences including problems of value in complex socio-ecological and living systems, institutions and institutional change in polycentric organization, and marginality and technology innovations for productivity growth in rural development. Currently he is executive director of the ICSU-IAMP-UNU sponsored global programme on Urban Health and Wellbeing: a Systems Approach, based at the Institute of Urban Environment at the Chinese Academy of Science, Xiamen, China.

Billie Giles-Corti, PhD

Professor Billie Giles-Corti is Director of the McCaughey VicHealth Community Wellbeing Unit, Centre for Health Equity, University of Melbourne. She is an NHMRC Principal Research Fellow, an Honorary Fellow of both the Planning Institute of Australia (2012) and the Public Health Association (2008) and a Fulbright Scholar (2008). For two decades, Professor Giles-Corti and a multi-disciplinary team of researchers and postgraduate research students have been studying the impact of the built environment on health and wellbeing. She leads an NHMRC Centre of Research Excellence in Healthy Liveable Communities established in 2014. She has published over 200 articles and reports, and in 2014 was listed as Thomson Reuter Highly Cited Researcher, ranking her among the top 1% of researchers globally by citations in the social sciences field.

Ghassan Hamra, PhD

Dr. Ghassan Hamra is an occupational and environmental epidemiologist with an interest in exposure assessment and Bayesian statistics. He received his MSPH and his PhD from the University of North Carolina at Chapel Hill. He was a postdoctoral researcher at the International Agency for Research on Cancer. His work focuses on quantifying risk of chronic diseases and on the development and application of methods to overcome analytic challenges in occupational and environmental health research. Ghassan is committed to providing high quality methodological training to emerging scientists, and has published several methodological papers aimed at demystifying complex topics in epidemiology.

Sam Harper, PhD

Sam Harper is an associate professor in the Department of Epidemiology, Biostatistics & Occupational Health at McGill University and a member of the McGill University Centre on Population Dynamics. He holds a doctorate in epidemiologic science from the University of Michigan. His research focuses on understanding population health and its social distribution, with specific interests in measuring health inequalities, global health, demography, cancer epidemiology, causal inference, and ethical issues in public health. His current research projects and papers can be found at http://samharper.org.

Kristen Hassmiller Lich, PhD

Kristen Hassmiller Lich, PhD is a Research Assistant Professor in the Department of Health Policy and Management at the University of North Carolina at Chapel Hill. She specializes in the application of systems thinking, operations research and simulation modeling methods to inform health policy and management decision making. Her work seeks to advance the way we use system maps, models, and local data to improve strategic planning, collaborative intervention, and policy decision making within systems, and to engage system stakeholders in the process. Dr. Lich is a frequent speaker on the use of systems science methods to inform policy and the dissemination and implementation of evidence-informed practice. She teaches on these topics at UNC and at the NIH-sponsored Institute for Systems Science and Health.

Amy Hillier, PhD

Amy Hillier, PhD is Associate Professor at the University of Pennsylvania. Her research focuses on the relation of public health with the built environment as well geographic disparities and access to services and resources in disadvantaged communities. Her work has included GIS applications in redlining and housing discrimination, affordable housing, and public health. Her dissertation, funded by the Department of Housing and Urban Development (HUD), considered the impact of the Home Owner's Loan Corporation on lending in Philadelphia. Prior to joining the faculty at PennDesign, Dr. Hillier worked at the University of Pennsylvania's Cartographic Modeling Lab (CML) where she was the director of research. While at the CML, she worked with faculty across disciplines to integrate GIS and spatial analysis into their projects relating to obesity, gun violence, pre-term birth, and injuries to children.

Mitchell Katz, MD

Mitchell H. Katz, MD is the Director of the Los Angeles County Department of Health Services, the second largest health system in the nation. Previously, he was the Director of Health for the City and County of San Francisco for thirteen years. Prior to becoming the Director in San Francisco, he served the Department in a number of positions, including Director of the AIDS Office and Director of the Emergency Medical Services Agency. He practices medicine as a primary care doctor at Edward R. Roybal Comprehensive Health Center.

Stephen Lankenau, PhD

Dr. Stephen E. Lankenau is Professor in the Department of Community Health and Prevention at Drexel School of Public Health. He is a sociologist who combines public health approaches and ethnographic methods to the study of young adults, out- of-treatment drug users, homelessness, and HIV/AIDS. Currently, he is conducting a five year study of medical marijuana use among adults in Los Angeles. Other recent projects have included a study of prescription drug misuse among young people in Los Angeles and New York and evaluation studies of overdose prevention programs in Los Angeles and Philadelphia. Dr. Lankenau received a PhD from the University of Maryland and a postdoctoral fellowship funded by NIDA. He has held faculty appointments at Columbia University's Mailman School of Public Health and the University of Southern California's Keck School of Medicine.

Douglas Luke, PhD

Douglas Luke, PhD, is Professor at Washington University in St. Louis at the George Warren Brown School of Social Work and the Director of the Center for Public Health Systems Science. He is a leading researcher in the areas of health behavior, organizational and systems science, public health policy, and tobacco control. He has made important methodological contributions to the evaluation of public health programs, community interventions, and tobacco control and prevention policy, including the use of novel tools such as network analysis and multilevel modeling. He has published highly influential methodological papers and was a panel member for the recent Institute of Medicine report *Assessing the Use of Agent-Based Models for Tobacco Regulation*. Dr. Luke received a MA and PhD in psychology from the University of Illinois.

Giridhar Mallya, MD, MSHP

Giridhar Mallya, MD, MSHP, has been the Director of Policy and Planning for the Philadelphia Department of Public Health since October 2008. In this position, Dr. Mallya helps to define public health priorities for the City, coordinates the Department's research and evaluation activities, and works with key leadership—including the Board of Health—to set policies and develop regulations. He also leads the Department's award winning *Get Healthy Philly* tobacco control and obesity prevention initiative, which has been supported by more than $50 million in state, federal, and foundation funding. Dr. Mallya graduated from Brown University Medical School, and completed a residency in Family and Community Medicine at Thomas Jefferson University Hospital in Philadelphia. Dr. Mallya was a Robert Wood Johnson Foundation Clinical Scholar at the University of Pennsylvania where he received a Master's Degree in Health Policy Research.

Sabrina McCormick, PhD, MA

Sabrina McCormick, PhD, is a sociologist and filmmaker who investigates how to motivate climate mitigation and adaptation. Her recent research investigates how and why U.S. cities act on climate change, and the risks of extreme heat exposure in those areas. Dr. McCormick has directed and produced several award-winning films, including segments of the Showtime series, *The Years of Living Dangerously*, which won the Emmy for Best Documentary Series in 2014. McCormick has been a Robert Wood Johnson Health & Society Scholar at the University of Pennsylvania and a AAAS Science & Technology Policy Fellow at the Environmental Protection Agency. Dr. McCormick is Associate Professor in the Environmental and Occupational Health Department in the Milken Institute School of Public Health at George Washington University and Senior Fellow at the Wharton Risk Management and Decision Processes Center.

Yvonne Michael, ScD, SM

Dr. Michael received her ScD in Epidemiology and Health and Social Behavior from the Harvard School of Public Health, SM in Health and Social Behavior from the Harvard School of Public Health and BA in Government from the College of William and Mary. Dr. Michael's research is focused on three primary areas: active aging, women's health, and health disparities. The unifying theme across these research areas is the use of epidemiology as a method of inquiry to identify social characteristics of communities and individuals and describe the impact of these factors on population health.

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Daniel O'Brien, PhD

Dan O'Brien is an Assistant Professor in the School of Public Policy and Urban Affairs and the School of Criminology and Criminal Justice at Northeastern University and the research director for the Boston Area Research Initiative. His research examines the behavioral and social dynamics of urban neighborhoods, focusing on models of collective function and decline, including the "broken windows theory." In particular, he seeks to utilize large administrative data sets (i.e., "big data") in conjunction with traditional methodologies to study the city.

Daniel Rodríguez, PhD

Daniel Rodríguez is Distinguished Professor of Sustainable Community Design in the Department of City and Regional Planning and directs the Center for Sustainable Community Design at the University of North Carolina, Chapel Hill. Dr. Rodríguez received a Master's in Science in Transportation from MIT and a PhD in Urban, Technological, and Environmental Planning from the University of Michigan. His research focuses on the reciprocal relationship between the built environment and transportation, and its effects on the environment and health. Dr. Rodríguez's research has been funded by the National Institutes of Health, the Environmental Protection Agency, the US Department of Transportation, and the Robert Wood Johnson Foundation, among others. He serves in the editorial board of the *Journal of the American Planning Association, International Journal of Sustainable Transportation, Journal of Architectural Planning and Research, Journal of Transportation and Health,* and the *Journal of Transport and Land Use.*

Carlos Santos-Burgoa, MD, MPH, PhD

Dr. Santos Burgoa received a medical degree from Mexico's National Autonomous University and Master's and Doctoral degrees in Epidemiology from Johns Hopkins University. He was Dean of the School of Public Health of Mexico at the National Institute of Public Health and founded the Work Environment and Health Institute in Mexico. In 2001 he joined Mexico's Ministry of Health as General Director and led numerous public health initiatives related to health services organization, health promotion, and the control of H1N1 Pandemic Influenza. In 2010, he joined PAHO/WHO, where he has been responsible of Health and Human Security, Urban Health, Health Promotion, Environmental Health, and Noncommunicable Diseases. He has recently joined the faculty of the Milken Institute School of Public Health at George Washington University as Professor of Global Health Policy.

Martin Sepúlveda, MD, MPH

Martín J. Sepúlveda, MD, FACP, FAAP is an IBM Fellow, Member of the Institute of Medicine and Vice President of Health Systems and Policy Research for the IBM Corporation. He collaborates with multi-disciplinary scientists on applied research for multi-sectoral data analytics related to health in cities and populations, primary care delivery, and human performance in the workplace. Dr. Sepúlveda previously served as IBM VP for Integrated Health Services and led health policy, health benefits design and purchasing, clinical care and care management, primary care, occupational health, and wellness, and health initiatives for IBM globally. Dr. Sepúlveda is an elected member of the Institute of Medicine of the National Academies of Science, the American Academy of Pediatrics, the American College of Physicians, the American College of Preventive Medicine, and the American College of Occupational and Environmental Medicine. He received his MD and MPH degrees from Harvard University, and his BA magna cum laude from Yale University.

José Siri, PhD, MPH

José Siri is an epidemiologist focusing on systems approaches to research and policy, infectious disease transmission, and global urban health. He joined the United Nations University's International Institute for Global Health (UNU-IIGH) in February 2014 as a Research Fellow in Urban Health. Dr. Siri interacts extensively with the International Council for Science (ICSU) initiative Health and Wellbeing in the Changing Urban Environment – a Systems Analysis Approach. He previously spent three years at the International Institute for Applied Systems Analysis in Laxenburg, Austria, where he conducted research for the Health and Global Change, World Population, and Mitigation of Greenhouse Gases and Atmospheric Pollution Programs. He earned his BS in Ecology and Systematics from Cornell University, and his MPH in International Health and PhD in Epidemiology from the University of Michigan.

Harris Steinberg, FAIA

Harris M. Steinberg, FAIA, became the executive director of the Lindy Institute for Urban Innovation at Drexel University in November 2014. Prior to his appointment at Drexel, Steinberg was the founding executive director of PennPraxis, the applied research arm of the School of Design at the University of Pennsylvania, and an adjunct associate professor of city and regional planning. Civic visioning was a hallmark of Steinberg's work at PennPraxis. His projects included the 2006-2007 award-winning Civic Vision for the Central Delaware; a public planning process that engaged

more than 4000 Philadelphians in over 200 meetings in 13-months. The process altered planning history in Philadelphia and the vision is now guiding development along the Delaware River. Steinberg is a frequent participant on conference panels where he speaks to the significance of the relationship between civic life, creative place making and public policy in city building. Steinberg received a Bachelor of Arts degree in history from the University of Pennsylvania and a Master of Architecture degree from Penn.

Leana Wen, MD, MSc

Dr. Leana Wen was appointed the Baltimore City Health Commissioner in January 2015. Most recently, Dr. Wen was attending physician and Director of Patient-Centered Care in the Department of Emergency Medicine at George Washington University (GWU). As professor of Emergency Medicine at the School of Medicine and of Health Policy at the School of Public Health, she co-directed GWU's Residency Fellowship in Health Policy, co-led a new national collaboration on health policy and social mission with Kaiser Permanente, and served as founding director of *Who's My Doctor*, a campaign calling for radical transparency in medicine. The author of the critically-acclaimed book *When Doctors Don't Listen: How to Avoid Misdiagnoses and Unnecessary Tests*, Dr. Wen has given four popular TED and TEDMED talks on patient-centered care, public health leadership, and healthcare reform. Dr. Wen received her medical training from Washington University School of Medicine in St. Louis and Brigham & Women's Hospital/Massachusetts General Hospital in Boston. As a Rhodes Scholar, she studied public health and health policy at the University of Oxford, and worked as a community organizer in Los Angeles and St. Louis.

Winfred Y. Wu, MD, MPH

Dr. Wu is the executive director of development at the Primary Care Information Project, New York City Department of Health and Mental Hygiene. He currently directs surveillance activities for the New York City Hemoglobin A1C Registry and oversees informatics and evaluation efforts focused on population health monitoring through electronic health record systems. He is currently co-primary investigator on an NIDDK-funded study evaluating the effectiveness of telephonic diabetes self-management support and primary investigator on an enhanced influenza surveillance project delivered in primary care settings. Dr. Wu completed his medical training at Rutgers-Robert Wood Johnson Medical School and his public health training at Columbia University.

ABOUT THE DREXEL UNIVERSITY SCHOOL OF PUBLIC HEALTH

Founded in 1996 on the principles of health as a human right and the importance of social justice to health, the Drexel University School of Public Health is committed to improving population health and promoting health equity by generating rigorous evidence and transforming that evidence into actions. The School has a special emphasis on improving health in cities, eliminating health disparities and promoting health in all policies. Located at the heart of University City in Philadelphia and linked to a diverse set of local and global partners, the School offers bachelor's, master's and doctoral degrees in all areas of public health.

ABOUT THE DREXEL URBAN HEALTH OBSERVATORY AND COLLABORATIVE

The mission of the Drexel Urban Health Observatory and Collaborative (DUHOC) is to improve health in cities by increasing scientific knowledge and public awareness of health and health variation within cities, and by promoting urban policies and partnerships that promote health and reduce health inequalities.

GET CONNECTED

Connect to the "DrexelGuest" wireless network and then launch a web browser. Click the "Sponsored User" link and login with the credentials: Username: drexelsph, Password: urban15 for superior performance. Questions? Reach us at urbanhealthsymposium@drexel.edu.

JOIN THE CONVERSATION

Follow @DrexelPubHealth on Twitter and include #HealthInCities in your Instagram, Twitter and Facebook posts throughout the symposium.

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