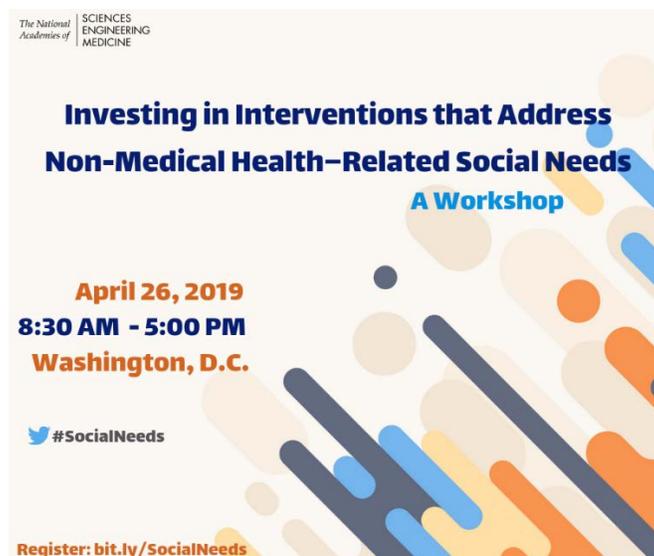


ATTENDEE BOOKLET



WORKSHOP ON Investing in Interventions that Address Non-Medical Health-Related Social Needs

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- Presentations (both PPT and video format) will be available on the workshop website approximately two weeks after the event.

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Health and Medicine Division
Board on Population Health and Public Health Practice

WORKSHOP ON
Investing in Interventions that Address
Non-Medical Health–Related Social Needs

SPEAKER BIOGRAPHICAL SKETCHES

ADMIRAL BRETT P. GIROIR, M.D. (Keynote)

Admiral Brett Giroir is the 16th United States Assistant Secretary for Health in the Department of Health and Human Services. He serves as the Secretary's principal public health and science advisor, as well as the Secretary's chief opioid policy advisor. He oversees Office of the Surgeon General and the U.S. Public Health Service Commissioned Corps, as well as key public health and science offices that focus on transforming the current "sick-care system" into a "health-promoting system." His office oversees many critical national initiatives, including an historic new plan to end the HIV epidemic in America, the Physical Activity Guidelines for Americans; the revised Common Rule; and a cross-agency effort to improve the outcome of patients with Sickle Cell Disease. Previously, Dr. Giroir has served in numerous leadership positions in the federal government and in academic institutions. Most notably, he was the first physician to be appointed as an office director at the Defense Advanced Research Projects Agency (DARPA). As a pediatric critical care physician, Dr. Giroir cared for critically ill children for 14 years. He continues to bring that hands-on, patient-centered perspective to his work as Assistant Secretary for Health, where his primary goal is leading America to healthier lives.

DAWN ALLEY, PH.D.

Dawn Alley is Director of the Prevention and Population Health Group at the Center for Medicare and Medicaid Innovation, which is responsible for innovative payment and service delivery models including the Accountable Health Communities model, the Million Hearts Cardiovascular Risk Reduction model, and the Medicare Diabetes Prevention Program. Prior to joining CMMI, Dawn served as Senior Advisor in the Office of the Surgeon General, where she oversaw implementation of the National Prevention Strategy. She has extensive expertise in population health and aging, with more than 50 publications in journals including the New England Journal of Medicine and JAMA. Dawn holds a Ph.D. in Gerontology from the University of Southern California and received post-doctoral training in population health through the Robert Wood Johnson Foundation Health and Society Scholars program at the University of Pennsylvania.

JOHN AUERBACH, M.B.A.

John Auerbach is president and CEO of TFAH, where he oversees TFAH's work to promote sound public health policy and make disease prevention a national priority. Over the course of a thirty-year career he has held senior public health positions at the federal, state, and local levels. As Associate Director at the Centers for Disease Control and Prevention (CDC) he oversaw policy and the agency's collaborative efforts with CMS, commercial payers, and large health systems. He also served as the Acting Director of the Office for State, Tribal, Local and Territorial Support. During his six years as the Commissioner of Public Health for the Commonwealth of Massachusetts, he developed innovative programs to promote health equity, combat chronic and infectious disease, and support the successful implementation of the state's health care reform initiative. He served as the President of the Association of State and Territorial Health Officials in 2010-2011. As Boston's health commissioner for nine years, he directed homeless, substance abuse, and emergency medical services for the city as well as a wide range of public health divisions. During his tenure he was a board member of the National Association of County and City Health Officials. Mr. Auerbach was previously a professor of practice in health sciences and director of the Institute on Urban Health Research and Practice at Northeastern University and program director of one of the country's first community health centers.

SETH BERKOWITZ, M.D.

Seth A. Berkowitz, M.D., M.P.H., is an Assistant Professor of Medicine at the University of North Carolina at Chapel Hill School of Medicine. He is a general internist and primary care doctor. He is also a trialist, clinical epidemiologist, and health services researcher who studies how health-related social needs lead to poor health outcomes. His goal is to develop interventions and care delivery models that address health-related social needs so that all individuals can live their healthiest lives.

MONICA BHAREL, M.D.

Appointed by Governor Charlie Baker in 2015, Massachusetts Public Health Commissioner Monica Bharel, M.D., M.P.H., serves as the Commonwealth's chief physician. She is dedicated to reducing health disparities and developing data-driven, evidence-based solutions for keeping people healthy and is helping lead the state's aggressive response to the opioid crisis. In 2017, Massachusetts was among few states to see a reduction in opioid overdose deaths, thanks to a variety of new programs and initiatives. As Commissioner, Dr. Bharel oversees a public health workforce of nearly 3000 and an expansive department addressing issues, from environmental health to injury prevention to infectious diseases. In 2017, Massachusetts was named the healthiest state in the nation by America's Health Rankings Report. Dr. Bharel has practiced general internal medicine for more than 20 years, and has been recognized for her dedication to underserved and vulnerable populations. Prior to becoming Commissioner, she was Chief Medical Officer of Boston Health Care for the Homeless. She holds a Master of Public Health degree through the Commonwealth Fund/Harvard University Fellowship and a medical degree from Boston University School of Medicine.

DAVE CHOKSHI, M.D.

Dave A. Chokshi, M.D., M.Sc., FACP, is Chief Population Health Officer at New York City Health + Hospitals (H+H)—the largest public health care system in the U.S. He also serves as Chief Executive Officer of the H+H Accountable Care Organization. Dr. Chokshi's duties include leading a team dedicated to health system improvement, supervising initiatives on ambulatory care transformation, innovative care models, population health analytics, chronic disease prevention and management, and implementation research. His team was recognized with the 2017 Gage Award for Quality by America's Essential Hospitals. Dr. Chokshi practices primary care (internal medicine) at Bellevue Hospital and is a Clinical Associate Professor of Population Health and Medicine at the NYU School of Medicine. Dr. Chokshi's prior work experience spans the public, private, and nonprofit sectors, including as a White House Fellow at the U.S. Dept. of Veterans Affairs; positions with the New York City and State Departments of Health and the Louisiana Department of Health; at a startup clinical software company; and with the nonprofit Universities Allied for Essential Medicines (UAEM). Dr. Chokshi has written on medicine and public health in *The New England Journal of Medicine*, *JAMA*, *The Lancet*, *Health Affairs*, *Science*, *The Atlantic*, and *Scientific American*. He serves on the Board of Directors for the Primary Care Development Corporation and the Essential Hospitals Institute. In 2016, President Obama appointed him to the Advisory Group on Prevention, Health Promotion, and Integrative and Public Health.

He trained in internal medicine at Brigham & Women's Hospital and was a clinical fellow at Harvard Medical School. During his training, he did clinical work in Guatemala, Peru, Botswana, Ghana, and India. He received his M.D. with Alpha Omega Alpha distinction from Penn. He also earned an MSc in global public health as a Rhodes Scholar at Oxford, and graduated summa cum laude from Duke.

BECHARA CHOUCAIR, M.D.

Bechara Choucair, M.D., is senior vice president and chief community health officer at Kaiser Permanente. He oversees the organization's national community health efforts and philanthropic giving activities aimed at improving the health of its 12.2 million members and the 68 million people who live in the communities it serves. Prior to joining Kaiser Permanente, Dr. Choucair was the commissioner of the Chicago Department of Public Health for five years before serving as senior vice president, Safety Net and Community Health at Trinity Health. In 2018, Dr. Choucair was named #10 on Modern Healthcare's list of the 50 Most Influential Health Executives in the U.S.

KAREN DESALVO, M.D.

Karen B. DeSalvo, M.D., M.P.H., M.Sc., is Professor of Medicine and Population Health at University of Texas at Austin Dell Medical School and co-convenor of the National Alliance to Impact the Social Determinants of Health. She is a nationally regarded physician executive working at the intersection of medicine, public health, and information technology to improve the health of all people with a focus on catalyzing pragmatic solutions to address all the social determinants of health. Dr. DeSalvo served as National Coordinator for Health Information Technology and Assistant Secretary for Health (Acting) in the Obama Administration. Prior to joining HHS, she was Vice Dean for Community Affairs and Health Policy at Tulane School of Medicine and New Orleans Health Commissioner. She serves on the Medicare Payment Advisory Commission.

and is a director the Humana and Welltower Boards, on Verily's Advisory Board, and President-elect of the Society of General Internal Medicine.

KELLY DORAN, M.D.

Kelly Doran, M.D., M.H.S., is an emergency physician and Assistant Professor in the Departments of Emergency Medicine and Population Health at the NYU School of Medicine. Dr. Doran studies how health care systems can better address homelessness and other social determinants of health. She has been active in homelessness related work and research since serving as a director of a student-run homeless shelter as an undergraduate at Harvard College. Dr. Doran attended medical school at the University of Michigan, completed a residency in emergency medicine at NYU-Bellevue, and earned a master's degree in health sciences as a Robert Wood Johnson Foundation Clinical Scholar at Yale University. She previously served as a Senior Advisor to the New York State Department of Health on novel efforts to use Medicaid to fund supportive housing. Described in the *New England Journal of Medicine*, this work helped spark broad national interest in "housing as health care." Dr. Doran's current research includes analysis of linked patient-collected and shelter administrative data to develop a homelessness risk screening tool for emergency department patients, analysis of linked health care and shelter administrative data to predict health care costs associated with the aging homeless population, and development of homelessness prevention interventions for emergency department patients. Dr. Doran works clinically in the emergency department at Bellevue Hospital in New York City.

CAROLINE FICHTENBERG, PH.D.

Dr. Fichtenberg is a public health researcher and advocate with over a decade of experience working to improve health and economic outcomes for America's most vulnerable families, including seven years leading national efforts in Washington, DC. Caroline was previously the Director of the Economic Mobility and Poverty Project at the Convergence Center for Policy Resolution where she worked to bridge political divides to improve opportunities for economic mobility. Prior to that she served as Director of Research at the Children's Defense Fund (CDF), where she led the development of reports on childhood poverty, education, child health, child welfare and gun violence with a focus on the needs of poor children and children of color. Prior to working at CDF, Caroline directed the Center for Public Health Policy at the American Public Health Association (APHA), served as Health Policy Advisor to Senator Harkin on the Senate Health, Education, Labor and Pensions committee, and as Director of Epidemiology for the Baltimore City Health Department. In all of these positions she focused on documenting and addressing health inequities, in particular through addressing social determinants of health. She earned her Ph.D. in epidemiology from Johns Hopkins University, an M.S. degree in Biology from Yale University, and an A.B. in Molecular Biology from Princeton University.

ROBIN HACKE, M.B.A

Robin Hacke is Executive Director of the Center for Community Investment (CCI), which is dedicated to overcoming disinvestment and improving opportunity so that everyone has a fair chance to lead a healthy and productive life. Working with cross-sector partnerships, innovative health institutions and local leaders, CCI helps ensure that all communities can unlock the capital they need to thrive. CCI is supported by the Robert Wood Johnson Foundation, The Kresge Foundation, and the John D. and Catherine T. MacArthur Foundation. CCI, housed at the Lincoln Institute of Land Policy, was incubated during Ms. Hacke's tenure as a Senior Fellow at The Kresge Foundation. Previously, she served for seven years as Director of Capital Innovation at Living Cities, where she managed capital deployment for the \$80 million Integration Initiative and spearheaded creation of the Catalyst Fund. She has served as a Visiting Scholar at the Federal Reserve Bank of San Francisco, a consultant to major foundations and a member of the Steering Committee for the Federal Reserve Bank of Boston's Working Cities Challenge. A former venture capitalist and investment banker with more than a decade of community investment experience, Ms. Hacke holds an MBA from Harvard Business School and a BA from Harvard-Radcliffe College. Learn more at www.centerforcommunityinvestment.org.

JULIAN HARRIS, M.D.

Julian Harris, M.D., M.B.A., is President of CareAllies, an innovative population health management services company focused on helping physician groups and delivery systems navigate the transition to value-based care. Julian joined Cigna in September 2015 to accelerate the company's delivery of value-based products and solutions to customers and providers in local markets. He became President of CareAllies in June 2016. Prior to Cigna, Julian served as the Associate Director for Health in the White House Office of Management and Budget (OMB). As the federal government's chief health care budget official, he oversaw \$1 trillion in spending and policy for a range of coverage programs, including Medicare, Medicaid, Marketplaces, the Centers for Medicare & Medicaid Services (CMS) Innovation Center, and the Federal Employees Health Benefits Program. Julian led OMB's engagement and oversight of agencies on initiatives as diverse as developing new CMS Medicare ACO and bundled payment models, streamlining the Meaningful Use rules, replacing Sustainable Growth

Rate (SGR), and establishing the federal government's 50/90 value-based payment goal. During his time as the chief executive of the \$11 billion Medicaid program in Massachusetts, Julian led the development of a primary care-centered ACO program, built value-based payment into the country's first Medicare-Medicaid duals demonstration, and launched the Delivery System Transformation Initiative to accelerate safety net hospitals' transition to value-based payment. Julian trained in internal medicine and primary care at Harvard Medical School's Brigham & Women's Hospital, and he worked as a hospitalist at Cambridge Health Alliance. He graduated with a Bachelor of Arts degree in Health Policy & Medical Ethics from Duke University, and he holds a Master of Science degree from Oxford University. He is also a graduate of the Health Care Management MBA Program at the Wharton School of Business and the School of Medicine at University of Pennsylvania.

ALLISON HESS

Allison Hess is the Vice President of Health Innovations for Geisinger. She has been part of the Geisinger family for 12 years and is responsible for the oversight and implementation of health and wellness programs for Geisinger patients and insured members, employees and community members. She started her career in community health education/corporate wellness and has continued to expand to include community-based population health initiatives driven by data analysis and clinical outcome measurements. Ms. Hess earned her bachelor of science in Health Education with a concentration in Psychology from Bloomsburg University. She is currently pursuing her MBA and has been recognized for her leadership within the organization. She has been the recipient of several awards focused in various areas of health including health equity, worksite wellness and supply chain. She has also been recognized nationally for her work with the Fresh Food Farmacy program. Ms. Hess has 20 years of experience in the health and wellness field. Her most recent work involves community based strategies impacting food insecurity and other social determinants of health. She is deeply committed to the health and wellbeing our patients, members and communities.

MAURICE JONES, J.D.

Maurice is the CEO of LISC. Previously, he was the Secretary of Commerce for the Commonwealth of Virginia, managing 13 state agencies focused on economic needs. He has also been second in command at the U.S. Department of Housing and Urban Development (HUD). He served as Commissioner of Virginia's Department of Social Services and Deputy Chief of Staff to then-Gov. Mark Warner. He served at the Treasury Department during the Clinton Administration, helping manage the CDFI fund. His experience includes top positions at the Virginian-Pilot, a Richmond law firm and a private philanthropy investing in community-based efforts to benefit children.

SHREYA KANGOVI, M.D., M.S.

Shreya Kangovi, M.D., M.S., is the founding Executive Director of the Penn Center for Community Health Workers, and a professor at the University of Pennsylvania Perelman School of Medicine. She is a leading expert on improving population health through evidence-based community health worker programs. Dr. Kangovi led the team that designed IMPaCT, a standardized, scalable community health worker program which has been delivered to nearly 10,000 high-risk patients and proven in three randomized controlled trials to improve chronic disease control, mental health and quality of care while reducing total hospital days by 65%. The IMPaCT program has been disseminated to over 1,000 organizations across the country and is being replicated by Veterans Affairs, state Medicaid programs and large integrated healthcare organizations in rural and urban settings. Dr. Kangovi has authored numerous scientific publications in publications such as NEJM, JAMA and Health Affairs and received over \$20M in funding, including federal grants from the NIH and Patient-Centered Outcomes Research Institute (PCORI). Dr. Kangovi founded the Penn Center for Community Health Workers, a national center of excellence dedicated to advancing health in low-income populations through effective community health worker programs.

GENEVIEVE M. KENNEY, PH.D.

Genevieve Kenney is a senior fellow and vice president for health policy at the Urban Institute. She has conducted policy research for more than 25 years and is a nationally renowned expert on Medicaid, the Children's Health Insurance Program (CHIP), and broader health insurance coverage and health issues facing low-income children and families. Kenney has led several Medicaid and CHIP evaluations and published more than 100 peer-reviewed journal articles and scores of briefs on insurance coverage, access to care, and related outcomes for low-income children, pregnant women, and other adults. In her current research, she is examining the implications of the Affordable Care Act, how access to primary care varies across states and insurance groups, and emerging policy questions related to Medicaid and CHIP. She received a master's degree in statistics and a doctoral degree in economics from the University of Michigan.

KATHERINE HOBBS KNUTSON, M.D.

Katherine Hobbs Knutson, M.D., M.P.H., is the Chief of Behavioral Health at Blue Cross Blue Shield North Carolina. She is also an Adult and Child Psychiatrist and adjunct Assistant Professor at Duke University School of Medicine. In her current role as the Chief of Behavioral Health at Blue Cross Blue Shield North Carolina (BCBSNC), she leads the strategy for value transformation for behavioral health, focusing on alternative payment methods, outcome measurement, and innovative service delivery models. At the Duke University School of Medicine, her clinical practice is in integrated care settings treating individuals with serious mental illness and substance use disorders. Prior to joining BCBSNC, Dr. Hobbs Knutson was the Chief Medical Officer at Alliance Behavioral Healthcare (2017-18), Director of Community Psychiatry at the Children's National Health System (2014-15), and Associate Medical Director for Psychiatry for the Massachusetts Medicaid program (2013-14). She has conducted health services research on psychiatry telephone consultation programs, behavioral health predictive modeling, and care management interventions that incorporate peer and family support.

KATE LEONE, J.D.

Kate Leone is the Chief Government Relations Officer at Feeding America. She was previously Chief Health Counsel to Senate Democratic Leader Harry Reid (D-NV) where she handled health care and other issues from 2005 to 2016. She has also served as Counsel to Senate Democratic Leader Tom Daschle (D-SD), as General Counsel to Senator Jeanne Shaheen (D-NH), and as a Senior Policy Advisor on the Senate Democratic Policy Committee. Her previous experience includes working on health care matters as an attorney for the United States Department of Justice's Antitrust Division.

STACY TESSLER LINDAU, M.D., MAPP

Stacy Tessler Lindau, M.D., MAPP, tenured Professor of Ob/Gyn and Medicine-Geriatrics at the University of Chicago, is a population health scientist, a community-engaged researcher and a practicing physician. She is PI of the CommunityRx program of research. CommunityRx is a large scale but low-intensity clinic-to-community linkage intervention, developed and tested with support from a Round I Health Care Innovation Award from the US Center for Medicare and Medicaid Innovation (CMMI), NIH and AHRQ. The CMMI funding had, as an expectation, that awardees implement a sustainable business model. To this end, Dr. Lindau founded NowPow, LLC and MAPSCorps, 501c3, both headquartered on the South Side of Chicago where CommunityRx was developed. Before joining the faculty in 2002, Dr. Lindau was a Robert Wood Johnson Foundation Clinical Scholar and earned a masters degree in public policy at the University of Chicago. She is an Aspen Institute Health Innovator Fellow and serves the Board of Overseers for the fellowship.

Under the terms of Grant Number 1C1CMS330997-01-00 (Lindau, PI) from the Department of Health and Human Services, Centers for Medicare & Medicaid Services we were expected to develop a sustainable business model which will continue and support the model that we tested after award funding ends.

Dr. Stacy Lindau is the founder and owner of a social impact company NowPow, LLC and president of MAPSCorps, 501(c)(3).

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Neither the University of Chicago nor UChicago Medicine is endorsing or promoting NowPow or its business, products, or services.

Other current funding sources for work presented here include:

NIA Evaluating a Self Care Innovation for Older Adults using Agent Based Modeling 5R01AG047869 (ST Lindau, PI)

NIMHD CommunityRx for Hunger R01MD012630 (ST Lindau, PI)

AHRQ Evidence Now Healthy Hearts in the Heartland 5R18HS023921 (A Kho, PI; ST Lindau site PI)

NIH CTSA Pilot 4UL1TR000430 (J Solway, PI; ST Lindau, PI of Pilot)

GEORGE MILLER, PH.D.

George Miller, an Altarum Institute Fellow, is affiliated with Altarum's Center for Value in Health Care, where he participates in the center's efforts to track national health spending and quantify a sustainable level of such spending. His work on the social determinants of health has included directing a series of four grants from the Robert Wood Johnson Foundation (RWJF) to quantify the value of investments in nonclinical primary prevention from the perspectives of alternative stakeholders. He applied the methods developed under these grants in several analyses on topics including obesity prevention, smoking prevention, early education, trauma prevention, pediatric asthma interventions, and the use of long-acting reversible contraceptives (LARCs). He is currently co-directing the second of two RWJF-funded efforts to apply these methods to estimation of the economic burden of childhood lead exposure and the value of exposure prevention and remediation initiatives. Dr. Miller earned B.S.E., M.S.E., and Ph.D. degrees in Industrial and Operations Engineering (with emphasis on operations research) from the University of Michigan, where he subsequently served as an adjunct assistant professor. He is a Fellow of the Institute for Operations Research and the Management Sciences and a member of the Health Affairs Council on Health Care Spending and Value.

ANGELA MINGO

Angela Mingo serves as the director of community relations for Nationwide Children's Hospital. She is responsible for developing and managing strategic partnerships with external organizations. Angela directs the community engagement efforts of the hospital and works closely with neighborhood and civic organizations. Prior to her position with Nationwide Children's Hospital, she served as community affairs director with Columbus City Council. Angela earned bachelor's degrees in Portuguese and international relations as well as her master's in city and regional planning degree from The Ohio State University in Columbus, Ohio. Angela's honors include Columbus Business First-Health Care Heroes Award.

ROSS OWEN, M.P.A.

Ross Owen is the Health Strategy Director for Hennepin County (Minnesota). In this role he leads reform efforts to coordinate medical care and recognize social context in health care delivery, and leads collaborative governance of the Hennepin Health Medicaid accountable care organization (ACO). Prior to joining Hennepin County, Ross worked at the Minnesota Department of Human Services (Minnesota's Medicaid agency) on health care payment and delivery system reforms for safety net populations. He has also worked as a health services research analyst and maintains an active engagement in quantitative research and health informatics. Mr. Owen earned a Master of Public Administration degree from the University of Oregon, and a Bachelor of Arts degree in Political Science from the University of Minnesota.

DANIEL POLSKY, PH.D.

Daniel Polsky, Ph.D., is the Bloomberg Distinguished Professor of Health Policy and Economics at Johns Hopkins University in the Bloomberg School of Public Health and the Carey Business School. From 2012-2019 he was Executive Director of the Leonard Davis Institute of Health Economics at the University of Pennsylvania. Dan is known for his research on access to care, economics of the physician workforce, and economic evaluation of medical and non-medical health-related interventions. He serves on the Congressional Budget Office's Panel of Health Advisers, the Pennsylvania Governor's Advisory Board on Health, and is a member of the National Academy of Science, Engineering, and Medicine's Health and Medicine Committee as well as its Board on Population Health and Public Health Practice.

MARSHA REGENSTEIN, PH.D.

Marsha Regenstein, Ph.D., is a professor of health policy and management at the George Washington University. She also directs the Milken Institute School of Public Health's Doctor of Public Health Program. Dr. Regenstein is the Director of Research and Evaluation for the National Center for Medical-Legal Partnership. She recently served as principal investigator for a HRSA-funded evaluation of the Graduate Medical Education Teaching Health Center program created by the Affordable Care Act. Along with dozens of other projects, Dr. Regenstein has served in leadership roles in four multi-site quality-improvement initiatives designed to improve the quality and accessibility of health care for low-income and underserved individuals.

ANDREW RENDA, M.D.

Andrew Renda, M.D., M.P.H., is Humana's Director of Population Health. His work includes leading insights, strategy, interventions, measurement and communications for Humana's Bold Goal strategy to improve health by 20% by addressing the social determinants of health. CDC's Healthy Days survey instrument is used as the primary means of assessing population health. This is supported by clinical leading indicators, business performance metrics, and a robust research agenda that drive insights and proof points on how best to improve population health. Previous roles have included advancing clinical models of care through development, implementation and evaluation of population health initiatives aimed at preventing and delaying progression of chronic disease. Dr. Renda has a B.S. in psychology and biology from the University of Kentucky where he was a National Science Foundation Undergraduate Fellow. He received his medical degree and a diploma in clinical psychiatry from the Royal College of Surgeons in Ireland, followed by a Masters in Public Health from Harvard University. He is a published author and speaker in the fields of population health, social determinants of health and chronic disease.

SARAH L. SZANTON, PH.D.

Sarah L. Szanton, Ph.D., ANP, FAAN is the Health Equity and Social Justice Endowed Professor and Director of the Center for Innovative Care in Aging at the Johns Hopkins School of Nursing. She holds a joint appointment in the Department of Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health. She tests interventions to reduce health disparities among older adults. Her work particularly focuses on ways to help older adults "age in place" as they grow older. These include ways to improve the social determinants of health such as modifying housing and improving access to food. In 2016, she was named to the PBS Organization's "Next Avenue 2016 Influences in Aging" a list of thought-leaders who are changing how we age and think about aging in America. Szanton completed undergraduate work in African-

American Studies at Harvard University and earned a bachelor's degree from the Johns Hopkins School of Nursing. She holds a nurse practitioner master's degree from the University of Maryland and a doctorate from Johns Hopkins University. She is Core Faculty at the Center on Aging and Health, the Hopkins Center for Health Disparities Solutions and Adjunct Faculty with the Hopkins Center for Injury Research and Policy. She has been funded by the National Institutes of Health, the Center for Medicare and Medicaid Services Innovation Center, the Robert Wood Johnson Foundation, the John A. Hartford Foundation, the Rita and Alex Hillman Foundation, and the AARP Foundation.

TIMOTHY A. WAIDMANN, PH.D.

Timothy Waidmann is a senior fellow in the Health Policy Center at the Urban Institute. He has over 20 years of experience designing and conducting studies on varied health policy topics, including disability and health among the elderly; Medicare and Medicaid policy; disability and employment; public health and prevention; health status and access to health care in vulnerable populations; health care utilization among high-cost, high-risk populations; geographic variation in health care needs and utilization; and the relationships between health and a wide variety of economic and social factors. Waidmann's publications based on these studies have appeared in high-profile academic and policy journals. He has also been involved in several large-scale federal evaluation studies of health system reforms, assuming a central role in the design and execution of the quantitative analyses for those evaluations. Before joining Urban in 1996, Waidmann was assistant professor in the School of Public Health and postdoctoral fellow in the Survey Research Center at the University of Michigan. He received his PhD in economics from the University of Michigan in 1991.

**Investing in Interventions that Address
Non-Medical Health–Related Social Needs: A Workshop**

STATEMENT OF TASK

An ad hoc committee will plan and convene a one-day public workshop that will explore the potential impact of addressing non-medical health-related social needs on improving population health and reducing health care spending in a value-driven health care delivery system.

The workshop will feature invited presentations and discussion that will explore the following questions:

- What are effective practices to address non-medical health-related social needs?
- What is the evidence base to support the use of these practices?
- What next steps or actions should be considered to further the dissemination and uptake of best practices?
- Are there methodologies for assessing the Return of Investment (ROI) for these practices?
- What are the gaps in the evidence base and related research?

The planning committee will plan and organize the workshop, select and invite speakers and discussants, and moderate discussions. A proceedings of the presentations and discussion at the workshop will be prepared by a designated rapporteur in accordance with institutional guidelines.

**Investing in Interventions that Address
Non-Medical Health–Related Social Needs: A Workshop**

PLANNING COMMITTEE ROSTER

Daniel E. Polsky, Ph.D., M.P.P. (Chair)

Bloomberg Distinguished Professor of
Health Policy and Economics
Johns Hopkins University
Carey School of Business and
Department of Health Policy and
Management
Bloomberg School of Public Health
Baltimore, MD

John Auerbach, M.B.A.

President and CEO
Trust for America's Health
Washington, DC

Seth Berkowitz, M.D., M.P.H.

Assistant Professor of Medicine
Division of General Medicine and
Clinical Epidemiology
University of North Carolina at Chapel
Hill, School of Medicine
Chapel Hill, NC

Dave A. Chokshi, M.D., M.Sc., FACP

Chief Population Health Officer
New York Health + Hospitals
Corporation
New York, NY

Deidra Crews, M.D., Sc.M.

Associate Professor of Medicine,
Department of Medicine
Johns Hopkins University, School of
Medicine
Baltimore, MD

Karen B. DeSalvo, M.D., M.P.H., M.Sc.

Professor of Medicine
University of Texas at Austin, Dell
Medical School
Jefferson, LA

Arvin Garg, M.D., M.P.H.

Associate Professor of Pediatrics
Boston University, School of Medicine
Boston, MA

Maurice Jones, J.D.

President and CEO
Local Initiatives Support Corporation
(LISC)
New York, NY

**Investing in Interventions that Address
Non-Medical Health–Related Social Needs: A Workshop**

PLANNING COMMITTEE BIOGRAPHICAL SKETCHES

Daniel E. Polsky, Ph.D., M.P.P. (Chair)

Daniel Polsky, Ph.D., is the Bloomberg Distinguished Professor of Health Policy and Economics at Johns Hopkins University in the Bloomberg School of Public Health and the Carey Business School. From 2012–2019 he was Executive Director of the Leonard Davis Institute of Health Economics at the University of Pennsylvania. Dan is known for his research on access to care, economics of the physician workforce, and economic evaluation of medical and non-medical health-related interventions. He serves on the Congressional Budget Office's Panel of Health Advisers, the Pennsylvania Governor's Advisory Board on Health, and is a member of the National Academy of Science, Engineering, and Medicine's Health and Medicine Committee as well as its Board on Population Health and Public Health Practice.

John Auerbach, M.B.A.

John Auerbach is president and CEO of TFAH, where he oversees TFAH's work to promote sound public health policy and make disease prevention a national priority. Over the course of a thirty-year career he has held senior public health positions at the federal, state, and local levels. As Associate Director at the Centers for Disease Control and Prevention (CDC) he oversaw policy and the agency's collaborative efforts with CMS, commercial payers, and large health systems. He also served as the Acting Director of the Office for State, Tribal, Local and Territorial Support. During his six years as the Commissioner of Public Health for the Commonwealth of Massachusetts, he developed innovative programs to promote health equity, combat chronic and infectious disease, and support the successful implementation of the state's health care reform initiative. He served as the President of the Association of State and Territorial Health Officials in 2010–2011. As Boston's health commissioner for nine years, he directed homeless, substance abuse, and emergency medical services for the city as well as a wide range of public health divisions. During his tenure he was a board member of the National Association of County and City Health Officials. Mr. Auerbach was previously a professor of practice in health sciences and director of the Institute on Urban Health Research and Practice at Northeastern University and program director of one of the country's first community health centers.

Seth Berkowitz, M.D., M.P.H.

Seth A. Berkowitz, M.D., M.P.H., is an Assistant Professor of Medicine at the University of North Carolina at Chapel Hill School of Medicine. He is a general internist and primary care doctor. He is also a trialist, clinical epidemiologist, and health services researcher who studies how health-related social needs lead to poor health outcomes. His goal is to develop interventions and care delivery models that address health-related social needs so that all individuals can live their healthiest lives.

Dave A. Chokshi, M.D., M.Sc., FACP

Dave A. Chokshi, M.D., M.Sc., FACP, is Chief Population Health Officer at New York City Health + Hospitals (H+H)—the largest public health care system in the U.S. He also serves as Chief Executive Officer of the H+H Accountable Care Organization. Dr. Chokshi's duties include leading a team dedicated to health system improvement, supervising initiatives on ambulatory care transformation, innovative care models, population health analytics, chronic disease prevention and management, and implementation research. His team was recognized with the 2017 Gage Award for Quality by America's Essential Hospitals. Dr. Chokshi practices primary care (internal medicine) at Bellevue Hospital and is a Clinical Associate Professor of Population Health and Medicine at the NYU School of Medicine. Dr. Chokshi's prior work experience spans the public, private, and nonprofit sectors, including as a White House Fellow at the U.S. Dept. of Veterans Affairs; positions with the New York City and State Departments of Health and the Louisiana Department of Health; at a startup clinical software company; and with the nonprofit Universities Allied for Essential Medicines (UAEM). Dr. Chokshi has written on medicine and public health in *The New England Journal of Medicine*, *JAMA*, *The Lancet*, *Health Affairs*, *Science*, *The Atlantic*, and *Scientific American*. He serves on the Board of Directors for the Primary Care Development Corporation and the Essential Hospitals Institute. In 2016, President Obama appointed him to the Advisory Group on Prevention, Health Promotion, and Integrative and Public Health. He trained in internal medicine at Brigham & Women's

Hospital and was a clinical fellow at Harvard Medical School. During his training, he did clinical work in Guatemala, Peru, Botswana, Ghana, and India. He received his M.D. with Alpha Omega Alpha distinction from Penn. He also earned an MSc in global public health as a Rhodes Scholar at Oxford, and graduated summa cum laude from Duke.

Deidra Crews, M.D., Sc.M.

Dr. Crews is a nephrologist and epidemiologist. She is an Associate Professor of Medicine in the Division of Nephrology at the Johns Hopkins University School of Medicine and is Associate Vice Chair for Diversity and Inclusion in the Department of Medicine. Her core area of research addresses disparities in the care and outcomes of chronic kidney disease. She has examined the contribution of social determinants of health, including poverty and access to healthful foods, to disparities in kidney disease. Her work in end-stage renal disease includes studies of the optimal timing and setting of dialysis initiation among vulnerable groups, and patient preparation for the start of renal replacement therapy. Dr. Crews was the inaugural Gilbert S. Omenn Anniversary Fellow of the Institute of Medicine (2013-2015). She is the former Chair of the American Society of Nephrology Chronic Kidney Disease Advisory Group, and is currently a member of the Centers for Disease Control and Prevention Chronic Kidney Disease Surveillance Team, the ASN Diversity and Inclusion Committee, the Board of Directors of the National Kidney Foundation of Maryland and the Addressing Disparities Advisory Panel of the Patient Centered Outcomes Research Institute. Dr. Crews is founding director of the Doctoral Diversity Program, which is a research-intensive post-baccalaureate program of the Johns Hopkins Initiative for Careers in Science and Medicine.

Karen B. DeSalvo, M.D., M.P.H., M.Sc.

Karen B. DeSalvo, M.D., M.P.H., M.Sc., is Professor of Medicine and Population Health at University of Texas at Austin Dell Medical School and co-convenor of the National Alliance to Impact the Social Determinants of Health. She is a nationally regarded physician executive working at the intersection of medicine, public health, and information technology to improve the health of all people with a focus on catalyzing pragmatic solutions to address all the social determinants of health. Dr. DeSalvo served as National Coordinator for Health Information Technology and Assistant Secretary for Health (Acting) in the Obama Administration. Prior to joining HHS, she was Vice Dean for Community Affairs and Health Policy at Tulane School of Medicine and New Orleans Health Commissioner. She serves on the Medicare Payment Advisory Commission and is a director the Humana and Welltower Boards, on Verily's Advisory Board, and President-elect of the Society of General Internal Medicine.

Arvin Garg, M.D., M.P.H.

Dr. Arvin Garg is an Associate Professor of Pediatrics at BUSM. He is also Associate Director of Medical Student Education for Pediatrics. He focuses his research and advocacy on community pediatrics and addressing the social determinants of health within the medical home. Dr. Garg joined BUSM in 2010 after receiving his training at both Johns Hopkins University and Boston University Schools of Medicine (SOM), as well as the University of Connecticut SOM. He also worked in private practice for two years. He has been recognized by a diverse body of institutions for his outstanding service and commitment to teaching, research, and empowering families to live their healthiest possible lives.

Maurice A. Jones, J.D.

Maurice is the CEO of LISC. Previously, he was the Secretary of Commerce for the Commonwealth of Virginia, managing 13 state agencies focused on economic needs. He has also been second in command at the U.S. Department of Housing and Urban Development (HUD). He served as Commissioner of Virginia's Department of Social Services and Deputy Chief of Staff to then-Gov. Mark Warner. He served at the Treasury Department during the Clinton Administration, helping manage the CDFI fund. His experience includes top positions at the Virginian-Pilot, a Richmond law firm and a private philanthropy investing in community-based efforts to benefit children.

PREVENTING DISCRIMINATION, HARASSMENT, AND BULLYING EXPECTATIONS FOR PARTICIPANTS IN NASEM ACTIVITIES

The National Academies of Sciences, Engineering, and Medicine (NASEM) are committed to the principles of diversity, integrity, civility, and respect in all of our activities. We look to you to be a partner in this commitment by helping us to maintain a professional and cordial environment. All forms of discrimination, harassment, and bullying are prohibited in any NASEM activity. This commitment applies to all participants in all settings and locations in which NASEM work and activities are conducted, including committee meetings, workshops, conferences, and other work and social functions where employees, volunteers, sponsors, vendors, or guests are present.

Discrimination is prejudicial treatment of individuals or groups of people based on their race, ethnicity, color, national origin, sex, sexual orientation, gender identity, age, religion, disability, veteran status, or any other characteristic protected by applicable laws.

Sexual harassment is unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature that creates an intimidating, hostile, or offensive environment.

Other types of harassment include any verbal or physical conduct directed at individuals or groups of people because of their race, ethnicity, color, national origin, sex, sexual orientation, gender identity, age, religion, disability, veteran status, or any other characteristic protected by applicable laws, that creates an intimidating, hostile, or offensive environment.

Bullying is unwelcome, aggressive behavior involving the use of influence, threat, intimidation, or coercion to dominate others in the professional environment.

REPORTING AND RESOLUTION

Any violation of this policy should be reported. If you experience or witness discrimination, harassment, or bullying, you are encouraged to make your unease or disapproval known to the individual, if you are comfortable doing so. You are also urged to report any incident by:

- Filing a complaint with the Office of Human Resources at 202-334-3400, or
- Reporting the incident to an employee involved in the activity in which the member or volunteer is participating, who will then file a complaint with the Office of Human Resources.

Complaints should be filed as soon as possible after an incident. To ensure the prompt and thorough investigation of the complaint, the complainant should provide as much information as is possible, such as names, dates, locations, and steps taken. The Office of Human Resources will investigate the alleged violation in consultation with the Office of the General Counsel.

If an investigation results in a finding that an individual has committed a violation, NASEM will take the actions necessary to protect those involved in its activities from any future discrimination, harassment, or bullying, including in appropriate circumstances the removal of an individual from current NASEM activities and a ban on participation in future activities.

CONFIDENTIALITY

Information contained in a complaint is kept confidential, and information is revealed only on a need-to-know basis. NASEM will not retaliate or tolerate retaliation against anyone who makes a good faith report of discrimination, harassment, or bullying.

—Updated June 7, 2018