

The National Academies of
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The Roundtable on Population Health Improvement & the
Interdisciplinary Association for Population Health Science

**Population Health Science in
the United States: Trends,
Evidence, and Effective Policy**
A Symposium

October 3, 2018 | Washington, DC

 #PopHealthRT

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**ATTENDEE
MATERIALS**

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Population Health Science in the United States: Trends, Evidence, and Effective Policy

A Symposium

Roundtable on Population Health Improvement

National Academy of Sciences

2101 Constitution Avenue NW

Washington, DC • October 3, 2018

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Population Health Science in the United States: Trends, Evidence, and Effective Policy

A Joint Symposium of the Roundtable on Population Health Improvement and the
Interdisciplinary Association for Population Health Science

October 3, 2018

AGENDA

National Academy of Sciences Building Auditorium • 2101 Constitution Avenue, NW, Washington, DC

WORKSHOP OBJECTIVES:

1. Identify key trends and patterns in U.S. population health and provocative challenges to our current thinking, including socio-economic, gender, racial/ethnic and other social disparities
2. Explore how population health science can inform policy to improve outcomes and how policies can have unintended consequences if not grounded in research and evaluation
3. Showcase perspectives on how we build common ground for development and implementation of effective policy based on science

8:15 Welcome from IAPHS and the Roundtable

Sanne Magnan, senior fellow, HealthPartners Institute, and adjunct assistant professor, University of Minnesota; co-chair, Roundtable on Population Health Improvement; and Bruce Link, Distinguished Professor of Public Policy and Sociology, University of California Riverside and Professor Emeritus of Epidemiology and Sociomedical Sciences, Mailman School of Public Health, Columbia University

8:30 Population Health in the United States: The Stakes are High

Moderator: *Robert Hummer, Howard W. Odum Professor, Sociology Carolina Population Center, University of North Carolina, and co-chair, IAPHS Annual Meeting Program Committee*

Speakers:

Eileen Crimmins, AARP Professor of Gerontology, Davis School of Gerontology, University of Southern California

David Williams, Florence Sprague Norman & Laura Smart Norman Professor of Public Health, Professor of African and African American Studies and of Sociology; co-leader, Cancer Risk Reduction and Disparities Program, Dana Farber/Harvard Cancer Center, Harvard University

9:45 Break

10:00 Policy-Relevant Evidence for Population Health: Promise and Challenges

Moderator: Allison Aiello, professor of epidemiology, Gillings School of Global Public Health, University of North Carolina

Speaker: Sandro Galea, dean and Robert A. Knox Professor, School of Public Health, Boston University

Discussants:

Jennifer Doleac, associate professor of economics, Texas A&M University; director, Justice Tech Lab

Paula Lantz, associate dean for academic affairs; professor of public policy, Gerald Ford School of Public Policy, University of Michigan

11:15 Break

11:30 Effective Population Health Policy and the Science: Finding Common Ground

Moderator: Josh Sharfstein, vice dean, public health practice & training, Bloomberg School of Public Health, Johns Hopkins University

Speakers:

Joneigh S. Khaldun, director and health officer, City of Detroit Health Department

Ellen Marie Whelan, chief population health officer, Center for Medicaid and CHIP Services, Senior Advisor, Center for Medicare and Medicaid Innovation, Centers for Medicare & Medicaid Services

Rahul Gupta, state health officer and commissioner, Department of Health and Human Resources Bureau for Public Health, West Virginia

12:45 Closing Remarks

David Kindig, emeritus co-chair, Roundtable on Population Health Improvement; Emeritus Professor of Population Health Sciences and Emeritus Vice-Chancellor for Health Sciences, School of Medicine and Public Health at the University of Wisconsin-Madison

1:00 Adjourn and Transition to IAPHS Annual Meeting

Closing Reflections Wall

Workshop Planning Committee: This workshop was organized by the following experts: Allison Aiello, Robert Hummer, David Kindig, Paula Lantz, Sanne Magnan, and Lourdes Rodriguez.

Note: The planning committee's role is limited to planning the workshop. A proceedings based on the workshop will be prepared by an independent rapporteur.

Follow the conversation  #PopHealthRT Visit: nas.edu/pophealthrt • www.IAPHS.org

Vision, Mission, and the Conditions of Influence

Vision

The roundtable's vision is of a strong, healthful, and productive society which cultivates human capital and equal opportunity. This vision rests on the recognition that outcomes such as improved life expectancy, quality of life, and health for all are shaped by interdependent social, economic, environmental, genetic, behavioral, and health care factors, and will require robust national and community-based actions and dependable resources to achieve it.

Mission

The Roundtable on Population Health Improvement intends to catalyze urgently needed action toward a stronger, more healthful, and more productive society. The roundtable will therefore facilitate sustainable collaborative action by a community of science-informed leaders in public health, health care, business, education and early childhood development, housing, agriculture, transportation, economic development and nonprofit and faith-based organizations.

The conditions of influence

The roundtable seeks to inform and advance the dialogue, and to help catalyze action in the field to:

1. Identify and deploy key population health **metrics**.
2. Ensure the allocation of adequate **resources** to achieve improved population health.
3. Identify, test and broadly deploy **evidence** on effective science-based population health interventions.
4. Develop and implement high impact public and private population health **policies**.
5. Foster building **relationships** (including community and multi-sectoral partnerships) to act to improve population health.
6. Design and implement modern **communication** to educate about and motivate action directed at improved population health.

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ROUNDTABLE ON POPULATION HEALTH IMPROVEMENT

Sanne Magnan, M.D., Ph.D.

Adj. Asst. Professor
Division of Medicine
University of Minnesota
Minneapolis, MN

Debbie I. Chang, M.P.H.

Senior Vice President
Policy and Prevention
Nemours
Washington, DC

Joshua M. Sharfstein, M.D.

Associate Dean for Public Health Practice and
Training
Johns Hopkins Bloomberg School of Public
Health
Baltimore, MD

Kathy Gerwig, M.B.A.

Vice President, Employee Safety, Health and
Wellness and Environmental Stewardship
Officer
Kaiser Permanente
Oakland, CA

Philip M. Alberti, Ph.D.

Senior Director, Health Equity Research and
Policy
Association of American Medical Colleges
Washington, DC

Marthe Gold, M.D., M.P.H.

Senior Scholar in Residence
New York Academy of Medicine
New York, NY

Terry Allan, R.S., M.P.H.

Health Commissioner
Cuyahoga County Board of Health
Parma, OH

Marc N. Gourevitch, M.D., M.P.H.

Professor and Chair
Department of Population Health
NYU School of Medicine
New York, NY

John Auerbach, M.B.A.

Executive Director
Trust for America's Health
Washington, DC

Garth Graham, M.D., M.P.H.

President
Aetna Foundation
Hartford, CT

Cathy Baase, M.D., FAAFP, FACOEM

Chair, Board of Directors, MIHIA
Consultant for Health Strategy, Dow Chemical
Company
Michigan Health Improvement Alliance
(MIHIA)
Saginaw, MI

Gary R. Gunderson, M.Div., D.Min., D.Div.

Vice President, Faith Health
School of Divinity
Wake Forest University
Winston-Salem, NC

Wayne Jonas, M.D.

Executive Director
Integrative Health Programs
H & S Ventures
Alexandria, VA

Robert M. Kaplan, Ph.D.

Professor
Center for Advanced Study in the Behavioral
Sciences
Stanford University
Stanford, CA

David A. Kindig, M.D., Ph.D.

Professor Emeritus of Population Health
Sciences
Emeritus Vice Chancellor for Health Sciences
School of Medicine and Public Health
University of Wisconsin-Madison
Madison, WI

Sally A. Kraft, M.D., M.P.H.

Vice President, Population Health
Emeritus Vice Chancellor for Health Sciences
Dartmouth-Hitchcock
Lebanon, NH

Paula M. Lantz, Ph.D.

Associate Dean for Academic Affairs and
Professor of Public Policy
Gerald R. Ford School of Public Policy
University of Michigan
Ann Arbor, MI

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Thomas A. LaVeist, Ph.D.

Dean
School of Public Health and Tropical Medicine
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New York State Health Foundation
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Senior Fellow, Health Program
Kresge Foundation
Troy, MI

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Director
ReThink Health
Morristown, NJ

José T. Montero, M.D., MHCDS

Director, Office for State, Tribal, Local and
Territorial Support (OSTLTS)
Deputy Director, Centers for Disease Control
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Bismarck, ND

Hanh Cao Yu, M.P.H.

Chief Learning Officer
The California Endowment
Oakland, CA

Biosketches of Speakers, Moderators, and Planning Committee Members

*denotes planning committee member

†denotes roundtable member

Allison Aiello*

Dr. Aiello is Professor of Epidemiology at the University of North Carolina (UNC) Gillings School of Global Public Health and Adjunct Professor of Social Medicine at University of North Carolina School of Medicine. She leads the Social Epidemiology Program in the department of Epidemiology, directs the Integrating Special Populations Program of the North Carolina Translation and Clinical Sciences Institute at the UNC medical center, and Co-Directs the Interdisciplinary Training in Life Course Research Program at the Carolina Population Center. Dr. Aiello is a fellow at the Carolina Population Center and an alum of the Robert Wood Johnson Foundation Health and Society Scholars Program. Her multidisciplinary research has applied approaches from epidemiology, genomics, sociology, and immunology to address complex health questions related to social determinants, infection and chronic disease.

Eileen Crimmins

Eileen Crimmins is the AARP Chair in Gerontology, and University Professor at the Davis School of Gerontology at the University of Southern California in Los Angeles. She co-directs the USC/UCLA Center on Biodemography and Population Health, the NIA sponsored Biomarker Network, and the Multidisciplinary Research in Gerontology Training Program at USC. She is a member of the National Academy of Sciences, the National Academy of Medicine and fellow of the American Association for the Advancement of Science. Crimmins is a demographer whose work focuses on health and aging. Crimmins' research is in the area of factors promoting healthy aging and healthy life expectancy which examines the interaction of trends in life expectancy and population health. She has received the Kleemeier award for research from the Gerontological Society of America and the Matilda White Riley Distinguished Scholar Award from the Section on Aging and the Lifecourse of the American Sociological Society.

Jennifer Doleac

 @JenniferDoleac

Jennifer Doleac is an Associate Professor of Economics at Texas A&M University, and Director of the Justice Tech Lab. She is also a Nonresident Fellow in Economic Studies at the Brookings Institution, a research fellow at IZA, and research affiliate at the University of Wisconsin's Institute for Research on Poverty. Professor Doleac studies the economics of crime and discrimination, with a particular focus on the effects of technology on public safety. Past and current work addresses topics such as DNA databases, gun violence, and prisoner reentry. Her research has been supported by several governmental and philanthropic organizations, and published in leading academic journals including the Review of Economics and Statistics, the American Economic Journal: Applied Economics, and the Economic Journal. Professor Doleac's work has been highlighted in an array of media outlets, including the Washington Post, the Wall Street Journal, The Atlantic, The Guardian, and Time. She holds a Ph.D. in Economics from Stanford University, and a B.A. in Mathematics and Economics from Williams College.

Sandro Galea, a physician, epidemiologist, and author, is dean and Robert A. Knox Professor at Boston University School of Public Health. He previously held academic and leadership positions at Columbia University, the University of Michigan, and the New York Academy of Medicine. He has published more than 750 scientific journal articles, 50 chapters, and 13 books, and his research has been featured extensively in current periodicals and newspapers. His latest book, *Healthier: Fifty Thoughts on the Foundations of Population Health*, was published by Oxford University Press in 2017. *Fortune Magazine* called it “The book everyone interested in health must read.” Galea holds a medical degree from the University of Toronto and graduate degrees from Harvard University and Columbia University. He also holds an honorary doctorate from the University of Glasgow. Galea was named one of *Time* magazine’s epidemiology innovators and has been listed as one of the “World’s Most Influential Scientific Minds.” He is past president of the Society for Epidemiologic Research and of the Interdisciplinary Association for Population Health Science. He is an elected member of the National Academy of Medicine and the American Epidemiological Society. Galea has received several lifetime achievement awards, including the Rema Lapouse Award from the American Public Health Association and the Robert S. Laufer Memorial Award from the International Society for Traumatic Stress Studies. He is a regular contributor to, and his work is regularly featured, in a range of public media.

Dr. Rahul Gupta serves as Commissioner for the West Virginia Department of Health and Human Resources, Bureau for Public Health and the West Virginia State Health Officer.

Dr. Gupta is a practicing internist with 25 years of clinical experience who also has faculty appointments as an Adjunct Professor in the Department of Health Policy, Management & Leadership at the West Virginia University School of Public Health, Associate Professor at the University of Charleston School of Pharmacy, and visiting faculty at the Harvard University T.H. Chan School of Public Health.

Dr. Gupta earned a Doctor of Medicine degree and subspecialty training in pulmonary medicine from the prestigious University of Delhi and completed his internship and residency training at St. Joseph Hospital at Northwestern University in Chicago, Illinois. Additionally, he earned a Master of Public Health (MPH) degree in Healthcare Organization and Policy from the University of Alabama-Birmingham and a Master of Business Administration (MBA) degree in Innovation and Technology Management at the London School of Business and Finance. He is also a Fellow of the American College of Physicians.

Dr. Gupta has authored more than 125 peer-reviewed scientific publications in medicine and public health and served as a principal investigator for numerous well known clinical trials. He presently serves as the Secretary of the West Virginia Board of Medicine. He was elected to lead his peers as the 2016-2017 President of the West Virginia State Medical Association.

Dr. Gupta is a steering committee member at the National Quality Forum on Population Health and the Institute for Health Metrics Evaluation. He currently serves as the Region III Director of the Association of State and Territorial Health Officials (ASTHO) Board of Directors. He also serves as Chair of ASTHO’s Prevention Policy Committee and the Tobacco Issues Forum. He is a former member of the National Association of County and City Health Officials (NACCHO) Board of Directors.

As the recipient of several state and national awards, including the 2016 Howell Special Meritorious Service Award to Public Health by the Southern Health Association; the 2015 Milton and Ruth Roemer

Prize for Creative local public health work by the American Public Health Association; the 2015 Jay Rockefeller Lifetime Achievement Award on the advancements in public policy in healthcare; and the 2013 Marie Fallon Award for Public Health Leadership by the National Association of Local Boards of Health, Dr. Gupta is a national and global leader in transforming public health practice to advance health equity and create healthier communities. In 2017, the West Virginia Human Rights Commission recognized Dr. Gupta as a Civil Rights Day Award honoree for his outstanding contributions in the areas of civil rights, human rights and the betterment of West Virginia's citizens. Also, in 2017 Dr. Gupta was named West Virginian of the Year for his work towards battling the opioid epidemic by the Pulitzer prize-winning Charleston Gazette-Mail.

Robert A. Hummer*

Robert Hummer is the Howard W. Odum Distinguished Professor of Sociology and Fellow of the Carolina Population Center at the University of North Carolina at Chapel Hill (UNC). He came to UNC in summer of 2015 after spending 19 years at the University of Texas at Austin, where he served as Director of their Population Research Center between 2001–05 and Chairperson of their Department of Sociology from 2006–10. In 2010, he was presented with the Clifford Clogg Award for Early Career Achievement by the Population Association of America.

Dr. Hummer's research focuses on the accurate description and more complete understanding of population health and mortality patterns and trends in the United States. His recent move to UNC was made in large part to become centrally involved in the long running National Longitudinal Study of Adolescent to Adult Health (Add Health); he is currently an Investigator on the Wave V data collection funded by NICHD and is principal investigator of an NICHD grant to make Add Health data more easily accessible and usable. He is slated to become Director of Add Health for the sixth wave of data collection.

Joneigh S. Khaldun



Joneigh S. Khaldun, MD, MPH, FACEP, FAAEM is the Director and Health Officer for the Detroit Health Department and a practicing emergency physician at Henry Ford Hospital. Under Dr. Khaldun's leadership, Detroit implemented a robust community health assessment and accreditation process, bridged health systems and public health in an effort to reduce infant mortality and teen pregnancy, and successfully responded to the largest hepatitis A outbreak in modern history. She is the driving force behind a proactive strategy to prevent child lead poisoning, and is leading the expansion and restructuring of the city's animal welfare services.

Previously, Dr. Khaldun was the Baltimore City Health Department's Chief Medical Officer, where she oversaw seven health department clinics and led efforts to combat the opioid epidemic and youth violence. She has held several local and national leadership positions, including Director of the Center for Injury Prevention and Control at George Washington University, Founder and Director of the Fellowship in Health Policy in the University of Maryland Department of Emergency Medicine, and Fellow in the Obama administration's Office of Health Reform. She serves on several local and national boards and committees, including Big Brothers Big Sisters of Southeastern Michigan, the Governor-appointed Michigan Public Health Council, and the CDC Health Disparities Subcommittee. She was recently selected for the 40 Under 40 Leaders in Minority Health Award by the National Minority Quality Forum.

Dr. Khaldun obtained her undergraduate degree in Biology from the University of Michigan, her MD from the Perelman School of Medicine at the University of Pennsylvania, and MPH in Health Policy from George Washington University.

David A. Kindig*†

 @PopHealth

David A. Kindig is Emeritus Professor of Population Health Sciences and Emeritus Vice-Chancellor for Health Sciences at the University of Wisconsin-Madison, School of Medicine and Public Health. He currently is Co-Chair of the Institute of Medicine Roundtable on Population Health Improvement and Co-Directs the Wisconsin site of the Robert Wood Johnson Health & Society Scholars Program. He was an initial Co-PI on the Robert Wood Johnson MATCH grant under which the County Health Rankings were developed and was the Founder of the RWJF Roadmaps to HealthPrize. From 2011 to 2103 he was Editor of the Improving Population Health blog.

He received a BA from Carleton College in 1962 and MD and PhD degrees from the University of Chicago School of Medicine in 1968. He completed residency training in Social Pediatrics at Montefiore Hospital in 1971.

Dr. Kindig served as Professor of Preventive Medicine/Population Health Sciences at the University of Wisconsin from 1980-2003. He was Vice Chancellor for Health Sciences at the University of Wisconsin-Madison from 1980-1985, Director of Montefiore Hospital and Medical Center (1976-80), Deputy Director of the Bureau of Health Manpower, US Department of Health, Education and Welfare (1974-76), and the First Medical Director of the National Health Services Corps (1971-73). He was National President of the Student American Medical Association in 1967-68.

He served as Chair of the federal Council of Graduate Medical Education (1995-1997), President of the Association for Health Services Research (1997-1998), a ProPAC Commissioner from 1991-94 and as Senior Advisor to Donna Shalala, Secretary of Health and Human Services from 1993-95. In 1996 he was elected to the Institute of Medicine, National Academy of Sciences. He received the Distinguished Service Award, University of Chicago School of Medicine 2003. He chaired the Institute of Medicine Committee on Health Literacy in 2002-2004, chaired Wisconsin Governor Doyle's Healthy Wisconsin Taskforce in 2006, and received the 2007 Wisconsin Public Health Association's Distinguished Service to Public Health Award.

He lives with his wife Margi, has three children and five grandchildren, enjoys wood splitting and fly-fishing, spending spare time in his wilderness cabin in the Michigan Upper Peninsula and reading political biography and western literature.

Paula Lantz*†

 @PaulaLantz

Paula Lantz, PhD is professor and Associate Dean for Academic Affairs at the Ford School of Public Policy and Professor of Health Management Policy in the School of Public Health, at the University of Michigan. As social demographer and social epidemiologist, Professor Lantz teaches and conducts research regarding public policy approaches to reducing health disparities in the United States. She is currently researching the potential for pay-for-success financing and other social impact investment approaches to funding interventions aimed at upstream social determinants of health, especially in low-income populations. She is an elected member of the National Academy of Medicine and the National Academy of Social Insurance.

Bruce Link

Dr. Bruce Link is Distinguished Professor of Public Policy and Sociology at the University of California Riverside. Dr. Link's interests are centered on topics in psychiatric and social epidemiology as they bear on policy issues. He has written on the connection between socioeconomic status and health, homelessness, violence, stigma, and discrimination. With Jo Phelan, he has advanced the theory of social conditions as fundamental causes of disease. Currently he is conducting research on the life course origins of health inequalities by race/ethnicity and socioeconomic status, the consequences of social stigma for the life chances of people who are subject to stigma, and on evaluating intervention efforts aimed at reducing mental illness stigma in children attending middle school.

Sanne Magnan*†

Sanne Magnan, M.D., Ph.D., is the co-chair of the Roundtable on Population Health Improvement of the National Academies of Sciences, Engineering and Medicine. She is the former President and CEO of the Institute for Clinical Systems Improvement (ICSI) (2006-2007; 2011-2016). In 2007, she was appointed Commissioner of the Minnesota Department of Health by Minnesota Governor Tim Pawlenty. She served from 2007 to 2010 and had significant responsibility for implementation of Minnesota's 2008 health reform legislation, including the Statewide Health Improvement Program (SHIP), standardized quality reporting, development of provider peer grouping, certification process for health care homes, and baskets of care.

Dr. Magnan was a staff physician at the Tuberculosis Clinic at St. Paul - Ramsey County Department of Public Health (2002-2015). She was a member of the Population-based Payment Model Workgroup of the Healthcare Payment Learning and Action Network (2015-2016) and a member of the CMS Multi-sector Collaboration Measure Development Technical Expert Panel (2016). She is on Epic's Population Health Steering Board and on Healthy People 2030 Engagement Subcommittee.

She served on the board of MN Community Measurement and the board of NorthPoint Health & Wellness Center, a federally qualified health center and part of Hennepin Health. Her previous experience also includes vice president and medical director of Consumer Health at Blue Cross and Blue Shield of Minnesota. Currently, she is a Senior Fellow with HealthPartners Institute, and adjunct assistant professor of medicine at the University of Minnesota. Dr. Magnan holds a M.D. and a Ph.D. in medicinal chemistry from the University of Minnesota, and is a board-certified internist

Lourdes J. Rodríguez*

 @Lourdes_Joely

Lourdes J. Rodríguez serves as director of the Center for Place-Based Initiatives at Dell Medical School. She works on community-engaged research and practice projects that build on ideas elicited from community colleagues. Previously, she served as program officer at the New York State Health Foundation. From 2004-12, she was a faculty member of the Columbia University Mailman School of Public Health. Rodríguez received a B.S. in industrial biotechnology from the University of Puerto Rico at Mayagüez, an MPH from the University of Connecticut, and a DrPH from Columbia University.

Joshua M. Sharfstein, M.D., is Vice Dean for Public Health Practice and Community Engagement and Professor of the Practice in Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health. He is also the Director of the Bloomberg American Health Initiative. His book, the Public Health Crisis Survival Guide: Leadership and Management in Trying Times, will be published in May 2018 by Oxford University Press.

Previously, Dr. Sharfstein served as Secretary of the Maryland Department of Health and Mental Hygiene from January 2011 to December 2014. In this position, he led efforts to align Maryland's health care system with improved health outcomes, culminating in the adoption of a revised payment model for all hospital care for Maryland residents. He also oversaw the development of a statewide health improvement process with 18 local public-private coalitions and the reshaping of state's approach to health information exchange, long-term care, and behavioral health.

From March 2009 to January 2011, Dr. Sharfstein served as Principal Deputy Commissioner of the U.S. Food and Drug Administration, where he oversaw the agency's successful performance management and transparency initiatives. From December 2005 to March 2009, as Commissioner of Health for Baltimore City, Dr. Sharfstein led innovative efforts that contributed to major declines in both overdose deaths and infant mortality rates. From July 2001 to December 2005, as minority professional staff and health policy advisor for Congressman Henry A. Waxman, Dr. Sharfstein was engaged in a wide range of oversight and legislative activities on health care topics, including emergency preparedness, HIV, and the politicization of science.

Dr. Sharfstein graduated summa cum laude with an A.B. in Social Studies from Harvard College in 1991. From August 1991 to August 1992, he worked on public health projects in Guatemala and Costa Rica with a Frederick Sheldon Prize Fellowship. He graduated from Harvard Medical School in 1996, from the Boston Combined Residency Program in Pediatrics at Boston Medical Center and Children's Hospital in 1999, and from the fellowship in general academic pediatrics at the Boston University School of Medicine in 2001.

Dr. Sharfstein is an elected fellow of the Institute of Medicine (2014) and the National Academy of Public Administration (2013). He serves on the Board of Population Health and Public Health Practice of the Health and Medicine Division of the National Academies of Sciences, Engineering, and Medicine and on the editorial board of the Journal of the American Medical Association. His awards have included the Jay S. Drotman Memorial Award from the American Public Health Association (1994), Public Official of the Year from Governing Magazine (2008) and the Circle of Commendation Award from the Consumer Product Safety Commission (2013).

Ellen-Marie Whelan is a Senior Advisor at the Innovation Center within the Centers for Medicare & Medicaid Services where she is working to develop, implement and test innovative payment and service delivery models strengthening primary care, accountable care, perinatal care, and community-based population health. She coordinates the Pediatric portfolio across the Innovation Center.

Previously, Dr. Whelan was the Associate Director of Health Policy at the Center for American Progress, she was also a health policy advisor in the U.S. Senate for five years - working for both Senate Democratic Leader Tom Daschle and as Staff Director for the Subcommittee on Aging to the U.S. Senate Committee on Health, Education, Labor and Pensions with Senator Barbara Mikulski. In this capacity she

worked on developing and passing legislation related to Medicare, Medicaid, CHIP, public health and the FDA.

She has worked in a variety of primary care settings and started an adolescent primary care clinic in West Philadelphia. For this effort she received the Secretary's Award for Innovations in Health Promotion and Disease Prevention, presented by Donna Shalala and was one of the first nurse practitioners in Pennsylvania to obtain an independent Medicaid provider number. In 2011 the American Association of Colleges of Nursing (AACN) honored Dr. Whelan with their Luminary Award acknowledging her contributions in public policy.

David Williams

 @D_R_Williams1

David R. Williams is the Florence and Laura Norman Professor of Public Health at the Harvard T.H. Chan School of Public Health and Professor of African and African American Studies and Sociology at Harvard University. His prior academic appointments were at Yale University and the University of Michigan. He holds an MPH from Loma Linda University and a PhD in Sociology from the University of Michigan.

Dr. Williams is an internationally recognized authority on social influences on health. He has been invited to keynote scientific conferences in Europe, Africa, Australia, the Middle East, South America and across the United States. The author of more than 400 scientific papers, his research has enhanced our understanding of the complex ways in which race, socioeconomic status, stress, racism, health behavior and religious involvement can affect health. The Everyday Discrimination Scale that he developed is one of the most widely used measures of discrimination in health studies.

He is an elected member of the National Academy of Medicine and of the American Academy of Arts and Sciences. He was ranked as one of the top 10 Most Cited Social Scientists in the world in 2005, as the Most Cited Black Scholar in the Social Sciences in 2008 and as one of the World's Most Influential Scientific Minds in 2014. He has also received Distinguished Contributions awards from the American Sociological Association, the American Psychological Association and the New York Academy of Medicine.

Dr. Williams has served on the National Committee on Vital and Health Statistics and on eight committees for the National Academy of Medicine, including the committee that produced the Unequal Treatment report. He has also played a visible, national leadership role in raising awareness levels of the problem of health inequalities and identifying interventions to address them. This includes his service as the staff director of the Robert Wood Johnson Foundation's Commission to Build a Healthier America and as a key scientific advisor to the award-winning PBS film series, Unnatural Causes: Is inequality Making Us Sick? His research has been featured by some of the nation's top news organizations and in his TEDMED talk released in 2017.

RESTAURANT OPTIONS

There are limited eateries right by NAS, but several options just walking distance away! You can purchase boxed lunches from IAPHS or listed below are several options just a short walk away.

7 MINUTE WALK

[Sizzling Express](#), 538 23rd St NW

SUBWAY, George Washington University, 1959 E St NW
C

8 MINUTE WALK

SUBWAY, 2401 E St NW

[Carvings](#) 2021 F St NW

[& Pizza](#) 2224 F St NW (Located inside Hotel Hive)

[Garden Cafe](#), 2116 F St NW, (In State Plaza Hotel)

9 MINUTE WALK

California Tortilla, 1809 E St NW

[FoBoGro](#), 2140 F St NW (Grocery store with deli offering creative sandwiches, soups & salads.)

[Tonic At Quigley's](#), 2036 G St NW (Upscale American comfort foods)

[Cafe Aria](#), 1917 F St NW

10 MINUTE WALK

[Which Wich Superior Sandwiches](#), 1803 E St NW

Potbelly Sandwich Shop, 616 23rd St NW

GW Delicatessen, 2133 G St NW

GRK Fresh Greek, GWU District House, 2121 H St NW

11 MINUTE WALK

Chick-fil-A, 2121 H St NW

Bertucci's, 2000 Pennsylvania Ave NW

[Beefsteak](#) (Vegetables Unleashed) Science and Engineering Hall, 800 22nd St NW

[Bindaas Foggy Bottom](#), 2000 Pennsylvania Ave. NW

12 MINUTE WALK

Au Bon Pain, 2000 Pennsylvania Ave NW

[An Uncommon Café](#) 1800 G St NW

Chipotle Mexican Grill, 2000 Pennsylvania Ave NW #15

13 MINUTE WALK

Whole Foods Market, 2201 I St NW

[Sweetgreen](#) Foggy Bottom, 2221 I St NW, Washington DC

[CIRCA at Foggy Bottom](#), 2221 I St NW

14 MINUTE WALK

[Founding Farmers DC](#), 1924 Pennsylvania Ave NW

15 MINUTE WALK

Burger Tap & Shake Foggy Bottom, 2200 Pennsylvania Ave NW

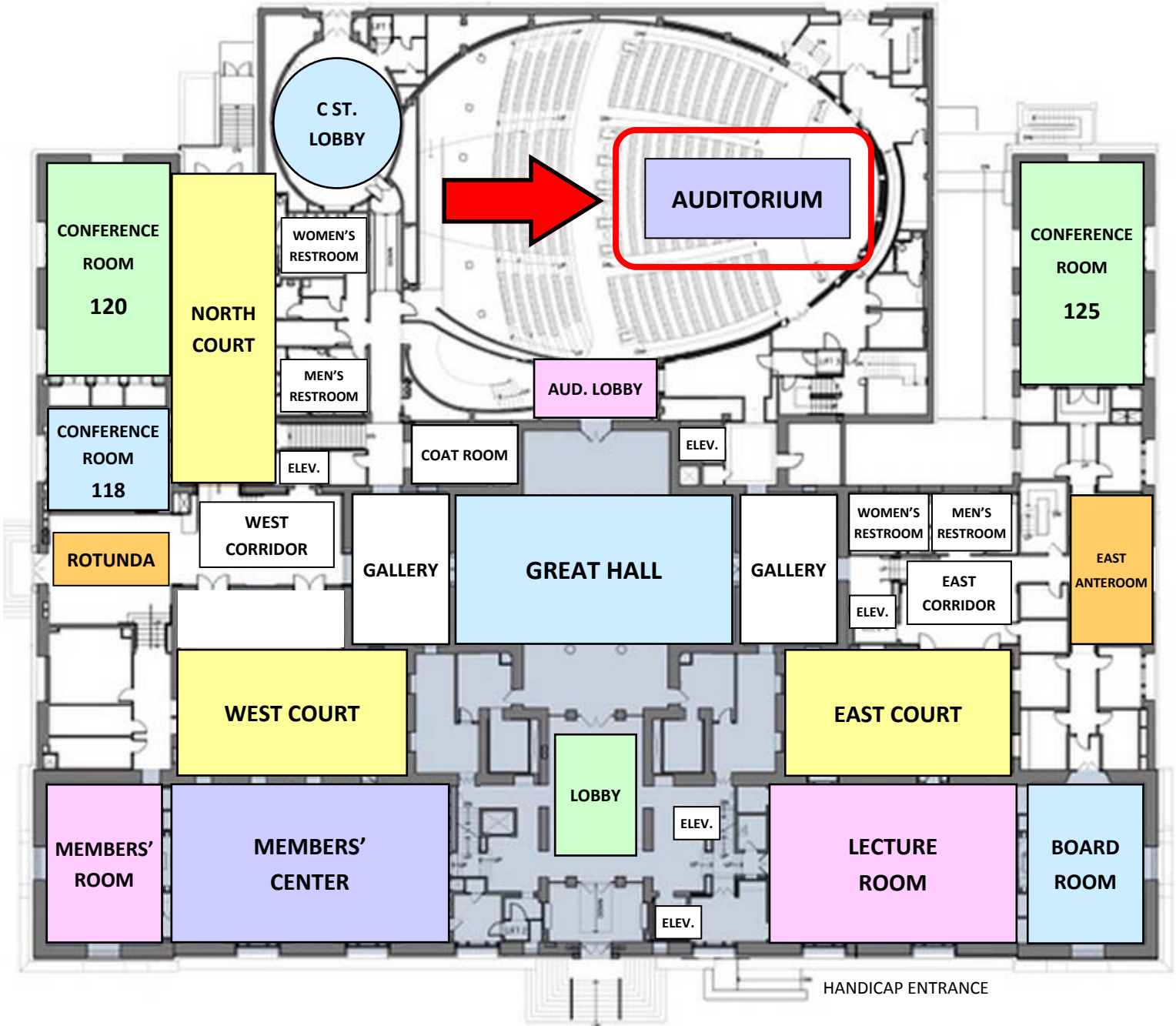
[Roti Modern Mediterranean](#) 1747 Pennsylvania Ave NW

National Academy of Sciences Building

2101 Constitution Avenue NW
Washington, DC 20418

Floor Plan—First Floor

C STREET NW



CONSTITUTION AVENUE NW



Population Health Science in the United States: Trends, Evidence, and Effective Policy

**A Joint Symposium of the Roundtable on Population Health Improvement and the
Interdisciplinary Association for Population Health Science**

READING LIST

Population Health in the United States: The Stakes are High

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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.

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