



# Spatial Justice as a Driver of Health in the Context of Societal Emergencies

Attendee Packet

September 2021

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**  
HEALTH AND MEDICINE DIVISION

# **Spatial Justice as a Driver of Health in the Context of Societal Emergencies**

## **A Virtual Workshop**

Roundtable on Population Health Improvement

September 20, 2021 | 11:00 AM – 3:30 PM EDT

September 21, 2021 | 11:00 AM – 1:30 PM EDT

### **Table of Contents**

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|    |                                                                     |
|----|---------------------------------------------------------------------|
| 1  | Agenda                                                              |
| 4  | Roundtable on Population Health Improvement Roster                  |
| 6  | Biosketches of Speakers, Moderators, and Planning Committee Members |
| 15 | Readings and Resources                                              |
| 19 | NASEM Statement of Discrimination, Harassment, & Bullying           |

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## ROUNDTABLE ON POPULATION HEALTH IMPROVEMENT

### Spatial Justice as a Driver of Health in the Context of Societal Emergencies A Virtual Workshop

September 20, 2021 | 11:00 AM – 3:30 PM EDT

September 21, 2021 | 11:00 AM – 1:30 PM EDT

#### Agenda

**Workshop Objectives** | Workshop presentations and discussion will explore the following:

- The meaning of spatial justice and related concepts;
- The privatization of public spaces (that welcome "consumers" but not community residents) and the effects on health and health equity, and how public access policies can address this issue;
- Ownership and stewardship of places for physical, mental, and social well-being;
- Lessons of the pandemic for how spatial justice affects health and health equity, and implications for improving design, planning, and infrastructure; and
- Insights for research and training to integrate a spatial justice lens in planning and preparedness for societal emergencies.

#### MONDAY, September 20

11:00 am EDT **Welcome and Workshop Overview**

***Ray Baxter** (Roundtable Co-Chair), Trustee, Blue Shield of California Foundation*

11:10 am **Session I: Keynote Speakers**

- *Moderator: **Robert Sember**, Assistant Professor of Interdisciplinary Arts, The New School*
- ***Mindy Fullilove**, Professor of Urban Policy and Health, The New School*
- ***Karen Umemoto**, Director of Asian American Studies Center and Professor of Urban Planning and Asian American Studies, University of California, Los Angeles*
- ***Myla Vicenti Carpio**, Director of Graduate Studies and Associate Professor of American Indian Studies, Arizona State University*

12:10 pm **Session II: Climate Change Displacement and Population Resilience**

- *Moderator: **Alejandra Hernandez**, Environment Fellow, The Kresge Foundation*
- ***Eric Klinenberg**, Professor of Sociology, New York University*

- **Vivek Shandas**, Professor of Climate Adaptation and Director of Sustaining Urban Places Research, Portland State University

1:15 pm **Break**

2:00 pm **Session III: How Policies and Investments Shape Spatial Injustice and Displacement**

- Moderator: **Oscar Perry Abello**, Senior Economics Correspondent, Next City
- **Michael Bader**, Associate Professor of Sociology, American University
- **Thomas W. Mitchell**, Professor of Law and Co-Director of Program in Real Estate and Community Development Law, Texas A&M University; 2020 MacArthur Fellow
- **Meghan Venable-Thomas**, Program Director, Cultural Resilience, Enterprise Community Partners, Inc.; Culture of Health Leaders Fellow, Robert Wood Johnson Foundation

3:30 pm **Adjourn until tomorrow**

## TUESDAY, September 21

11:00 am EDT **Session IV. Concepts, Strategies, Frameworks, and Policies for Spatial Justice**

- Moderator: **Richard J. Jackson**, Professor Emeritus, Environmental Sciences, University of California, Los Angeles
- **Julian Agyeman**, Professor of Urban and Environmental Policy and Planning, Tufts University
- **Robin Bronen**, Executive Director, Alaska Institute for Justice
- **Juan De Lara**, Director of Center for Latinx and Latin American Studies and Associate Professor of American Studies and Ethnicity, University of Southern California

12:30 pm **Session V. Bringing It Together with Applications for Different Practice Communities, Collaboration, Policy, etc.**

- **Lourdes Rodríguez** (chair), Senior Program Officer, St. David's Foundation
- **Dawn Alley**, Head of Healthcare Innovation, Morgan Health
- **Alejandra Hernandez**, Environmental Fellow, The Kresge Foundation
- **Milton Little**, Chief Executive Officer, United Way of Greater Atlanta
- **Monique Tsosie**, Program Analyst, American Indian Research Center for Health, Inter Tribal Council of Arizona

1:20 pm **Closing Remarks and Reflections**

**Kirsten Bibbins-Domingo** (Roundtable Co-Chair), Professor and Chair, Department of Epidemiology and Biostatistics; Lee Goldman, MD Endowed Professor of Medicine; Vice Dean for Population Health and Health Equity, University of California, San Francisco

1:30 pm **Workshop is adjourned**

**Workshop Planning Committee** | This workshop was organized by the following experts: Lourdes Rodriguez, *Chair*, (St. David's Foundation), Dawn Alley (Morgan Health), Nupur Chaudhury (consultant, PolicyLink), Alejandra Hernandez (The Kresge Foundation), Milton Little (United Way of Greater Atlanta), and Monique Tsosie (Inter Tribal Council of Arizona, Inc.).

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

Follow the conversation  #pophealthrt @NASEM\_Health | Roundtable web page: <https://nas.edu/pophealthrt>

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**Roundtable on Population Health Improvement Roster**

**Vision** | A thriving, healthful, and equitable society

**Mission** | In recognition that health and quality of life for all are shaped by interdependent historical and contemporary social, political, economic, environmental, genetic, behavioral, and health care factors, the Roundtable on Population Health Improvement exists to provoke and catalyze urgently needed multi-sector community engaged collaborative action.

**Members**

**Kirsten Bibbins-Domingo, M.D., Ph.D. (co-chair)**

Professor and Chair of the Department of Epidemiology  
and Biostatistics  
Lee Goldman, MD Endowed Professor of Medicine  
Vice Dean for Population Health and Health Equity UCSF  
School of Medicine  
University of California, San Francisco  
San Francisco, CA

**Raymond Baxter, Ph.D. (co-chair)**

Trustee, Blue Shield of California Foundation  
Board Member, CDC Foundation  
San Francisco, CA

**Philip M. Alberti, Ph.D.**

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

**Dawn Alley, Ph.D.**

Head of Healthcare Innovation  
Morgan Health  
JPMorgan Chase  
Washington, DC

**John Auerbach, M.B.A.**

Director of Intergovernmental and Strategic Affairs  
Centers for Disease Control and Prevention  
Washington, DC

**Debbie I. Chang, M.P.H.**

President and CEO  
Blue Shield of California Foundation  
San Francisco, CA

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

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

**Meg Guerin-Calvert, M.P.A.**

Senior Managing Director and  
President, Center for Healthcare Economics and Policy  
FTI Consulting  
Washington, DC

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

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

**Hilary Heishman, M.P.H.**

Senior Program Officer  
Robert Wood Johnson Foundation  
Princeton, NJ

**Dora Hughes, M.D., M.P.H.**

Senior Advisor  
Center for Medicare and Medicaid Innovation  
Centers for Medicare & Medicaid Services  
Washington, DC

**Sheri Johnson, Ph.D.**

Director, Population Health Institute  
Acting Director, Robert Wood Johnson Foundation  
Culture of Health Prize  
Associate Professor (CHS), Department of Population  
Health Sciences  
School of Medicine and Public Health  
University of Wisconsin-Madison  
Madison, WI

**Wayne Jonas, M.D.**

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

**Robert M. Kaplan, Ph.D.**

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

**Milton Little, M.A.**

President  
United Way of Greater Atlanta  
Atlanta, GA

**Phyllis D. Meadows, Ph.D., R.N., M.S.N.**

Senior Fellow, Health Program  
Kresge Foundation  
Troy, MI

**Bobby Milstein, Ph.D., M.P.H.**

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 and  
Prevention  
Atlanta, GA

**Von Nguyen, M.D.**

Senior Vice President and Chief Medical Officer  
Blue Cross and Blue Shield of North Carolina  
Durham, NC

**Willie (Billy) Oglesby, Ph.D.**

Interim Dean  
College of Population Health  
Jefferson University  
Philadelphia, PA

**Jason Purnell, Ph.D.**

Vice President of Community Health Improvement  
BJC Health Care  
Associate Professor  
Brown School  
Washington University in Saint Louis  
Saint Louis, MO

**Lourdes J. Rodriguez, Dr.P.H.**

Senior Program Officer  
St. David's Foundation  
Austin, TX

**Kosali Simon, Ph.D.**

Herman B. Wells Endowed Professor  
Associate Vice Provost for Health Sciences  
Paul H. O'Neill School of Public and Environmental  
Affairs  
Indiana University  
Bloomington, IN

**Kara Odom Walker, M.D., M.P.H, M.S.H.S.**

Senior Vice President and  
Chief Population Health Officer Nemours  
Washington, DC

**Oktawia Wojcik, Ph.D.**

Senior Program Officer  
Robert Wood Johnson Foundation  
Princeton, NJ

**Hanh Cao Yu, Ph.D.**

Chief Learning Officer  
The California Endowment  
Oakland, CA



## ROUNDTABLE ON POPULATION HEALTH IMPROVEMENT

### **Spatial Justice as a Driver of Health in the Context of Societal Emergencies A Virtual Workshop**

#### **Biosketches of Speakers, Moderators, and Planning Committee Members**

**Note:** \*denotes planning committee member, †denotes roundtable member

#### **Julian Agyeman**

 [@julianagyeman](https://twitter.com/julianagyeman)

Julian Agyeman Ph.D., FRSA, FRGS, is a professor of urban and environmental policy and planning at Tufts University. Dr. Agyeman has extensive experience in local government, environmental and sustainability consulting and in the voluntary sector in the U.K. Dr. Agyeman is the originator of the increasingly influential concept of “just sustainabilities,” which explores the intersecting goals of social justice and environmental sustainability defined as: the need to ensure a better quality of life for all, now, and into the future, in a just and equitable manner, whilst living within the limits of supporting ecosystems.

Dr. Agyeman is the author or editor of 12 books. He is also a founding senior advisor/thought leader at PlacemakingX and sits on a number of boards both nationally and internationally. In 1996, he was elected to the Fellowship of the Royal Society of the Arts (FRSA) in the U.K., a network of people dedicated to enriching society and shaping the future through ideas and action, and in 2016 he became a Fellow of the U.K. Royal Geographical Society (FRGS), the learned society and professional body advancing geography and supporting geographers.

Dr. Agyeman has held visiting professorships at various universities in the U.S., the U.K. and Canada. He was Senior Scholar at The Center for Humans and Nature, Chicago, and was a Fellow of the McConnell Foundation Cities for People program in Montréal, Canada. In 2018, he was awarded the Athena City Accolade by KTH Royal Institute of Technology, Stockholm, Sweden, for his "outstanding contribution to the field of social justice and ecological sustainability, environmental policy and planning." Dr. Agyeman holds a Ph.D in Urban Studies from the University of London, an M.A. in Conservation Policy from Middlesex University, U.K., and a B.Sc (joint honours) in Geography and Botany from Durham University, U.K.

#### **Dawn Alley\*†**

 [@dawn\\_alley](https://twitter.com/dawn_alley)

Dawn Alley, Ph.D., is Head of Healthcare Innovation at Morgan Health, a JP Morgan Chase business unit focused on improving the quality, efficiency, and equity of employer-sponsored healthcare. Dawn previously served as Chief Strategy Officer at the Center for Medicare and Medicaid Innovation, where she led investment strategy across a \$10 billion portfolio of value-based transformation and population

health models. Prior to joining CMMI, she was a Senior Advisor in the Office of the Surgeon General and on the faculty of the University of Maryland School of Medicine. 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. Dr. Alley 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.

#### **Michael Bader**



Michael Bader, Ph.D., is Associate Professor of Sociology at American University. Dr. Bader studies how cities and neighborhoods have evolved since the height of the Civil Rights Movement. He links long-term patterns of neighborhood racial change to the ways that race and class influence the housing search process. He has developed methodological tools that combine survey data with “big data” to study neighborhood environments. Dr. Bader is also Associate Director of the Metropolitan Policy Center and an affiliate of the Center on Health, Risk, and Society. He has a joint appointment with the Department of Public Administration and Policy. Before joining the faculty of American University, Dr. Bader was a Robert Wood Johnson Health & Society Scholar at the University of Pennsylvania where he was also a senior fellow in the Leonard Davis Institute for Health Economics. He has a Ph.D. in sociology from the University of Michigan and a B.A. in architecture and art history from Rice University.

#### **Ray Baxter†**

Raymond J. Baxter, Ph.D., is the co-chair of the Roundtable on Population Health Improvement of the National Academies of Sciences, Engineering and Medicine. Dr. Baxter has led a distinguished career devoted to improving health and healthcare in America and the world. His leadership in strategy, policy, operations and research has touched nearly every facet of the health field: public health, hospitals and ambulatory care, integrated delivery systems, mental health, long-term care and environmental health.

Dr. Baxter most recently was CEO of the Blue Shield of California Foundation. Its mission is to make California the healthiest state and to end domestic violence, by addressing the root causes of ill health and inequity. For 15 years, Baxter was Kaiser Permanente’s national senior vice president for community benefit, research and health policy. There he built the largest community benefit program in the US, investing over \$2 billion annually in community health. He led Kaiser Permanente’s signature national health improvement partnerships, including the Weight of the Nation, the Convergence Partnership and the Partnership for a Healthier America. Dr. Baxter established Kaiser Permanente’s Center for Effectiveness and Safety Research and built out its national genomics research bank, served as President of KP International and chaired Kaiser Permanente’s field-leading environmental stewardship work. He was also a founding sponsor of the KP School of Medicine.

Previously Dr. Baxter headed the San Francisco Department of Public Health, the New York City Health and Hospitals Corporation, and The Lewin Group. He holds a doctorate from Princeton University. Dr. Baxter currently serves on the advisory boards to the Deans of the UC Berkeley School of Public Health and the UCSF School of Nursing, and the boards of the CDC Foundation and the Blue Shield of California Foundation. He served multiple terms on the Global Agenda Council on Health of the World Economic Forum, and the Roundtable on Population Health Improvement of the National Academies of Science, Engineering and Medicine.

**Kirsten Bibbins-Domingo<sup>†</sup>**

Kirsten Bibbins-Domingo, Ph.D., M.D., M.A.S., is Professor and Chair of the Department of Epidemiology and Biostatistics, and the Lee Goldman, M.D. Endowed Professor of Medicine. She is the inaugural Vice Dean for Population Health and Health Equity in the UCSF School of Medicine. Dr. Bibbins-Domingo co-founded the UCSF Center for Vulnerable Populations at Zuckerberg San Francisco General Hospital that generates actionable research to increase health equity and reduce health disparities in at-risk populations in the San Francisco Bay Area, California, and nationally. She is one of the PIs of the UCSF Clinical and Translational Science Institute and leads the UCSF COVID Community Public Health Initiative.

Dr. Bibbins-Domingo is a general internist, cardiovascular disease epidemiologist, and a national leader in prevention and interventions to address health disparities. She is an NIH-funded researcher who uses observational studies, pragmatic trials, and simulation modeling to examine effective clinical, public health, and policy interventions aimed at prevention. She leads the UCSF Cardiovascular Disease Policy Model group that conducts simulation modeling, disease projections, and cost-effectiveness analyses related to cardiovascular disease in the US and in other national contexts.

Dr. Bibbins-Domingo was a member of the U.S. Preventive Services Task Force from 2010-2017 and led the Task Force as the vice-chair and chair from 2014-2017. She is an inducted member of the American Society for Clinical Investigation, the Association of American Physicians, and the National Academy of Medicine.

**Robin Bronen**

Robin Bronen, J.D., Ph.D., co-founded and serves as the executive director of the Alaska Institute for Justice (AIJ), the only non-profit in Alaska that provides immigration legal services and trains bilingual Alaskans to work as professional interpreters in the medical, legal, and social services. The FBI awarded the Alaska Institute for Justice the 2012 Director's National Community Service award for the agency's work with human trafficking victims. The Municipality of Anchorage awarded AIJ the Community Diversity award in 2007.

Dr. Bronen works as a human rights attorney and has been researching and working with communities forced to relocate because of climate change since 2007. Her research has been publicized by CNN and the Guardian, among others. She has worked with the White House Council on Environmental Quality to implement President Obama's Climate Change Task Force recommendation to address climate displacement as well as the UN High Commissioner for Refugees Climate Change Office.

Dr. Bronen's additional honors include: 2012 Alaska Bar Association Human Rights award, 2012 International Soroptimist Advancing the Rights of Women award and 2007 Robert Hickerson award for public service. Dr. Bronen also serves as a senior research scientist at the University of Alaska Fairbanks researching climate-induced relocations since 2007. Her publications include New York University Review of Law and Social Change, Brookings Institution, The Guardian, and proceedings of the National Academy of Sciences.

**Nupur Chaudhury\***

Nupur Chaudhury, M.P.H., M.U.P., is a public health urbanist, and interrogates the influence of the built environment on health. She was trained at the New York University Wagner School of Public Service and the Columbia University Mailman School of Public Health. She is the founder and principal of NupurSpectives Consulting, a firm that centers communities for equitable change.

Chaudhury has a background in community-based health, urban planning, and community organizing. Previously, she was the founding Director of Neighborhood Health at the Center for Health Equity, housed at New York City Department of Health and Mental Hygiene. She has also worked with Rebuild by Design as a resiliency planner post-Hurricane Sandy by building and strengthening neighborhood coalitions in New York, New Jersey, and Connecticut. Chaudhury was also the Director of the Creating Healthy Places program in Brownsville, Brooklyn, working with public housing residents to develop the neighborhood agenda linking the built environment, health, and violence to its work on active living and healthy eating. Most recently, she directed the Building Healthy Communities initiative as a Program Officer for the New York State Health Foundation.

Chaudhury is a member of the American Planning Association, the American Public Health Association, an Urban Design Forum's Forefront Fellow, a Salzburg Global Seminar Fellow, board member of the Center for the Living City, and past board member of University of Orange, and Made in Brownsville (now Youth Design Center).

#### Juan De Lara



Juan De Lara, Ph.D., M.A., is an associate professor in the department of American Studies & Ethnicity at the University of Southern California and Director of the Latinx and Latin American Studies Center. His interdisciplinary research focuses on three broad themes. The first centers on urban political economy, racialization, and the politics of space. A second set of research interests focuses on the use of data science and technology to reorganize how various state agencies are restructuring the social relations of race, immigration, and labor. A third set of projects focus on public-facing research that support community-based organizations in their efforts to resolve social disparities. His book, *Inland Shift: Race, Space, and Capital in Inland Southern California*, uses logistics and commodity chains to unpack the black box of globalization by showing how the scientific management of bodies, space, and time produced new racialized labor regimes that facilitated a more complex and extended system of global production, distribution, and consumption. Dr. De Lara earned a Ph.D. in geography from University of California, Berkeley, an M.A. in urban planning, and a B.A. in sociology and labor studies from Pitzer College.

#### Mindy Fullilove



Mindy Fullilove, M.D., M.S., is a professor of urban policy and health at The New School's Milano School of Policy, Management, and Environment. She is a social psychiatrist who explores the ties between environment and mental health. With her colleagues at the Cities Research Group and the University of Orange, Dr. Fullilove explores the consequences of social fracture for our society and our health, and seeks ways to reconnect the broken parts. Prior to joining the New School full-time in 2016, she taught at Columbia University and was a lecturer at Parsons. Dr. Fullilove has published numerous articles and six books including *Main Street: How a City's Heart Connects Us All*, *From Enforcers to Guardians: A Public Health Primer on Ending Police Violence* (with Hannah L. F. Cooper), *Urban Alchemy: Restoring Joy in America's Sorted-Out Cities*, *Root Shock: How Tearing Up City Neighborhoods Hurts America and What We Can Do About It*, and *House of Joshua: Meditations on Family and Place*. Dr. Fullilove received her bachelor's degree from Bryn Mawr College and her M.S. and M.D. degrees from Columbia University. She completed residency at NY Hospital Westchester Division and Montefiore and is board certified in psychiatry.

### Alejandra Hernandez\*

Alejandra Hernandez, M.E.M., is an Environment Fellow at The Kresge Foundation. Hernandez supports the Environment Program's strategy to help cities combat and adapt to climate change while advancing racial and economic equity. She also works with the Climate Change, Health & Equity (CCHE) initiative team to mobilize equitable climate action in low-income communities across the country.

Previously, Hernandez served as a Conservation Policy Associate with the Michael Fields Agricultural Institute, where she supported policies and programming for a sustainable and resilient food and agriculture system. She has also held different positions with the John Bartkowski Department of Environmental Health at the Sixteenth Street Community Health Centers in Milwaukee, Wisconsin. Hernandez holds a bachelor's degree from the University of Dallas and a master's degree from the Yale School of the Environment. She serves as a Board Associate for the Board on Population Health and Public Health Practice for the Health and Medicine Division of the National Academies of Sciences, Engineering, and Medicine (NASEM). She also serves as a board member for the Wisconsin chapter of the New Leaders Council and the nonprofit, Acquazul.

### Richard J. Jackson

Richard J. Jackson, M.D., M.P.H., is Professor Emeritus at the Fielding School of Public Health at the University of California, Los Angeles. A pediatrician, he has served in many leadership positions with the California Health Department, including the highest as the State Health Officer. For nine years he was Director of the CDC's National Center for Environmental Health and received the Presidential Distinguished Service award. In October, 2011 he was elected to the National Academy of Medicine of the National Academies of Sciences, Engineering, and Medicine.

Dr. Jackson was instrumental in establishing the California Birth Defects Monitoring Program and in the creation of state and national laws to reduce risks from pesticides, especially to farm workers and to children. While at CDC he established major environmental public health programs and instituted the federal effort to "biomonitor" chemical levels in the US population. He has received its Hero Award from the Breast Cancer Fund, Lifetime Achievement Awards from the Public Health Law Association and the New Partners for Smart Growth, the John Heinz Award for national leadership in the Environment, and the Sedgwick Medal, the highest award of the American Public Health Association. In 2015, he received the Henry Hope Reed Award for his contributions to the field of Architecture.

Dr. Jackson lectures and speaks on many issues, particularly those related to built environment and health. He has co-authored the books: *Urban Sprawl and Public Health*, *Making Healthy Places*, and *Designing Healthy Communities*. He has served on many environmental and health boards, as well as the Board of Directors of the American Institute of Architects. He is an elected honorary member of the American Society of Landscape Architects as well as the American Institute of Architects.

### Eric Klinenberg



Eric Klinenberg, Ph.D., is the Helen Gould Shepard Professor in the Social Sciences and Director of the Institute for Public Knowledge at New York University. Dr. Klinenberg is currently leading a major research project on climate change and the future of cities. He is also leading a large-scale research project on the sociology of the Covid-19 pandemic, which will result in a book, *2020: A Social Autopsy*.

Dr. Klinenberg's books include *Palaces for the People: How Social Infrastructure Can Help Fight Inequality, Polarization, and the Decline of Civic Life*, *Going Solo: The Extraordinary Rise and Surprising Appeal of Living Alone*, *Heat Wave: A Social Autopsy of Disaster in Chicago*, and *Fighting for Air: The*

*Battle to Control America's Media*. He has published sociological research in the American Sociological Review, Theory & Society, Ethnography, the American Journal of Public Health, and Public Culture. In addition to his books and scholarly articles, Klinenberg appears often on public radio and television, and he has contributed to popular publications including The New Yorker, The New York Times Magazine, Time, Fortune, Rolling Stone, The London Review of Books, Le Monde Diplomatique, and the radio program This American Life.

#### **Milton Little\*†**

 **@MiltonJLittle**

Milton Little, M.A., has served as president and CEO of United Way of Greater Atlanta since 2007. Previously, he served as president and CEO of United Way of Massachusetts Bay and Merrimack Valley. His career spans more than 30 years in the fields of urban affairs, public policy research and analysis, philanthropy and community engagement. Little is a Phi Beta Kappa graduate of Morehouse College with a B.A. in sociology and earned an M.A. in urban sociology and social policy from Columbia University.

He is a member of many boards and advisory committees. Notable among them are the Center for Assessment and Policy Development, past chair of the Southern Education Foundation, and past vice chair of the board of directors for Ways to Work. He is a member of the Atlanta Mayoral Board of Service, the Commerce Club Operating Board, 100 Black Men of Atlanta, Leadership Atlanta Class of 2010 and the Rotary Club of Atlanta. Little also serves on the Junior League of Atlanta Community Advisory Board, University of Georgia Advisory Board for the J.W. Fanning Institute for Leadership Development, Atlanta Speech School Board of Advisors, Woodruff Arts Center Board of Trustees, Central Atlanta Progress, Georgia Chamber of Commerce, Georgia Early Education Alliance for Ready Students, Georgia's Older Adults Cabinet, Georgia's Children's Cabinet, Hope Atlanta Advisory Council, Get Georgia Ready Reading Cabinet and Susan G. Komen of Greater Atlanta. In January 2018, he was selected to serve on Mayor Keisha Lance Bottoms' Transition Team.

#### **Oscar Perry Abello**

 **@oscarthinkins**

Oscar Perry Abello is a New York City-based journalist covering alternative economic models and policies in cities. He is currently senior economics correspondent for Next City, an independent, not-for-profit, online magazine about urban planning, development and design across the United States. He also contributes to Yes! Magazine, City & State New York, Impact Alpha, Shelterforce, and other outlets. Perry Abello is a child of immigrants descended from the former colonial subjects of the Spanish and U.S. imperial regimes in the Philippines. He was born in New York City, and raised in the inner-ring suburbs of Philadelphia. Perry Abello has a bachelor's degree from Villanova University, where he majored in economics and minored in peace and justice studies. He spent several years embedded in the international development industry before transitioning to into journalism full-time in 2015.

#### **Thomas W. Mitchell**

 **@ProfTWMitchell**

Thomas W. Mitchell, J.D., LL.M., is a professor at Texas A&M University School of Law. At Texas A&M, he co-directs the Program in Real Estate and Community Development Law. Prior to joining Texas A&M, he served on the faculty of the University of Wisconsin Law School as a full professor with a chair in law. He is a national expert on property issues facing disadvantaged families and communities and has published leading scholarly works addressing these matters.

Mitchell has done extensive law reform and policy work, most prominently serving as the principal drafter of the Uniform Partition of Heirs Property Act. He also has helped develop federal policy proposals, working with some in Congress and others in the executive branch, to help disadvantaged farmers and property owners. Recently, he was named one of 21 recipients of the MacArthur Fellowship for 2020 in recognition of the substantial impact his overall professional work has had in assisting disadvantaged farmers and property owners, farmers and owners who are disproportionately African American and other people of color. In 2021, he was awarded the Howard University Alumni Award for Distinguished Postgraduate Achievement, an award that Thurgood Marshall and Vice-President Kamala Harris, among many other Howard luminaries, also have received.

Mitchell is a graduate of Amherst College, the Howard University School of Law, and the University of Wisconsin Law School where he received an LL.M. (Master of Laws) and served as a William H. Hastie Fellow.

#### **Lourdes J. Rodríguez\*†**

 [@Lourdes\\_Joely](https://twitter.com/Lourdes_Joely)

Lourdes J. Rodríguez, Dr.PH., M.P.H., serves as Senior Program Officer for Women's Health at St. David's Foundation. Prior to joining the Foundation in 2020, Dr. Rodríguez served as Associate Professor and Director of Community-Driven Initiatives at the Dell Medical School at the University of Texas at Austin. She also worked as Program Officer at the New York State Health Foundation, and from 2004–2012, she co-directed the Urbanism and the Built Environment track in the Department of Sociomedical Sciences, Columbia University Mailman School of Public Health. As a public health practitioner, and in both academic and philanthropic roles, she collaborates, develops and evaluates initiatives to improve health with people most impacted by health inequities. Dr. Rodríguez has a Dr.PH. from Columbia University, a M.P.H. from the University of Connecticut, and a B.S. in Industrial Biotechnology from the University of Puerto Rico at Mayagüez. She is a member of the National Academy of Science, Engineering and Medicine's Roundtable on Population Health Improvement and currently holds an appointment as an Adjunct Faculty with the UTHealth School of Public Health Austin Regional Campus.

#### **Robert Sember**

Robert Sember, M.A., an assistant professor of interdisciplinary arts at The New School's Eugene Lang College, works at the intersection of art and public health. He is a member of the international sound-art collective, Ultrared, which helped establish Vogue'ology, an initiative by and for members of the African American and Latino/a Lesbian, Gay, Bisexual and Transgender community in New York City. His ethnographic research in the U.S. and South Africa has focused on governmental and non-governmental substance abuse, mental health, and homelessness service sectors with an emphasis on HIV/AIDS prevention, testing, and treatment access. He is a senior associate with the Center for Social Innovation where he has lead initiatives on the impact of the Affordable Care Act on addiction and mental health recovery. Sember is also the faculty of the Summer Institute on Sexuality, Culture, and Society at the University of Amsterdam's Graduate School of Social Sciences.

#### **Vivek Shandas**

Vivek Shandas, Ph.D., is a Professor of Climate Adaptation and Director of the Sustaining Urban Places Research Lab (SUPR Lab) at Portland State University. Trained as an interdisciplinary scholar, Professor Shandas examines the assumptions that guide decisions about the built environment, and uses spatial analytical tools and policy evaluations as a means for identifying socially inequitable outcomes. He has published over 100 publications, three books, and serves as a consultant and technical advisor to public,

private, and non-profit organizations. His research has been featured in the NYTimes, National Geographic, Scientific American, Times of India, Le Monde, CNN and dozens of other international and national media. During his spare time Professor Shandas serves as Chair of the City of Portland's Urban Forestry Commission and revels in the mountains and waters of the Pacific Northwest.

#### **Monique Tsosie\***

Monique Tsosie is an enrolled member of the Navajo Nation Tribe. Tsosie currently serves as a Program Analyst for the American Indian Research Center for Health (AIRCH) program at the Inter Tribal Council of Arizona, Inc., partnered with The University of Arizona. She manages grant-funded programs, assists with the American Indian Education initiatives, Climate Resilience Project and Ending the HIV epidemic program at ITCA. She serves on the Arizona Indian Education Association (AIEA) Committee, is a member of the AIRCH Community Action Committee, and volunteers as a Community Advisor Board for the John Hopkins for American Indian Health Mother/Daughter Program.

Tsosie's prior work includes serving as Research Field Staff for the Western Region with the Southwest Research and Information Center (SRIC) and the University of New Mexico on the Navajo Birth Cohort Study (NBCS)/Environmental Influences on Child Health Outcome (ECHO) Project. As a research technician, she gained valuable trainings in motivational interviewing, youth mental first aid, and administering mental behavioral health measurement tools. Tsosie has a background illustrating her abilities to work in different environments and maintaining cultural sensitivity while working with American Indian tribal communities. She is passionate for the community she serves with experience and focus on American Indian health and wellness.

#### **Karen Umemoto**

Karen Umemoto, Ph.D., M.A., is a professor in the departments of Urban Planning and Asian American Studies and is the inaugural Helen and Morgan Chu Endowed Director's Chair of the Asian American Studies Center. Dr. Umemoto's research and practice take a broad view of planning in the context of social inclusion, participatory democracy, and political transformation. She has published over 50 articles, book chapters, and professional reports, and she has served on the boards for the Association for Asian American Studies and the Association of Collegiate Schools of Planning. Dr. Umemoto has also served on editorial boards for five journals, including the Journal of the American Planning Association. In 2001, she received the University of Hawai'i Regents Medal for Excellence in Teaching. She is the recipient of the W.E.B. DuBois Award of the Western Society of Criminology, co-author of *Jacked Up and Unjust: Pacific Islander Teens Confront Violent Legacies*, and the author of *Truce: Lessons from an L.A. Gang War*. Dr. Umemoto received her Ph.D. in Urban Studies from Massachusetts Institute of Technology and holds a M.A. in Asian American Studies from UCLA and a B.A. in Interdisciplinary Social Science from San Francisco State University.

#### **Meghan Venable-Thomas**

Meghan Venable-Thomas, Dr.PH., M.PH., M.A., is the Cultural Resilience Program Director at Enterprise Community Partners, Inc. supporting community development organizations across the country in integrating cultural and healing centered approaches for increased equitable development. She is also Robert Wood Johnson Foundation Culture of Health Leaders Fellow. With over 10 years of military experience developing and implementing strategies, building programs, and leading teams, Dr. Venable-Thomas is now focusing on ways to improve health disparities in the United States and abroad. She

maintains her military service as a Major in the Massachusetts Army National Guard providing Sexual Assault Prevention Coordination, directing programs, training, and victim advocacy around Sexual Assault prevention. She is also an instructor and Project Manager at TRILLFIT® spearheading the development of TRILLFITs Pledge for Racial Justice, Anti-Racism and Equality in the Wellness Industry. She leverages her varied experiences to support healthy, thriving communities. Dr. Venable-Thomas graduated with her Doctorate in Public Health from Harvard University, focusing on health equity, community based participatory research, and tools for advancing healing justice. She also holds a masters degree in Public Health Management from Columbia University and a bachelor's degree from the United States Military Academy (USMA).

### **Myla Vicenti Carpio**

Myla Vicenti Carpio, Ph.D., M.A., is an associate professor and Director of Graduate Studies in American Indian Studies at Arizona State University. She is a citizen of the Jicarilla Apache Nation and also of Laguna and Isleta Pueblo heritage. Her research areas include Indigenous history, urban issues, gender and sexuality, and decolonization. Dr. Vicenti Carpio has published numerous articles and her book, *Indigenous Albuquerque*, was published in 2011. She is currently working a co-authored book with Karen Leong, *American Movements: Understanding the Ideological and Institutional Reasoning for Japanese American and American Indian Relocations, 1940-1970*, which explores the institutional intersections of Japanese Internment and American Indian urban relocation policy. In addition, Dr. Vicenti Carpio is a co-editor with Jeffrey Shepherd (UTEP) of the *Critical Issues in Indigenous Studies* book series. Dr. Vicenti Carpio received her doctorate in history from Arizona State University.

**Spatial Justice as a Driver of Health in the Context of Societal Emergencies  
A Virtual Workshop**

**Readings and Resources**

**Note:** All citations below are hyperlinked to electronic resources. Click the citation to access the resource.

**Background & Keynote-related Readings**

Associated Press. 2021. L.A. county leaders move forward with returning Bruce's Beach to black family. *KTLA*. <https://ktla.com/news/local-news/l-a-county-leaders-move-forward-with-returning-bruces-beach-to-black-family/> (accessed September 7, 2021).

Brownstein, R. 2021. The unbearable summer: disastrous environmental events are converging like never before. *The Atlantic*. <https://www.theatlantic.com/politics/archive/2021/08/summer-2021-climate-change-records/619887/> (accessed September 10, 2021).

Honolulu Star-Advertiser. 2016. Find forgiveness at Wahi Kana'aho. <https://www.youtube.com/watch?v=jhHQwP3vo4A>

Wahi Kana'aho is a 21-day residential Hawaiian cultural program in Waianae for at-risk youth who have been in the juvenile justice system. Programming includes learning cultural practices through farming, building and community engagement. The Honolulu Star-Advertiser filmed a group of six boys as they went through the program.

Horowitz, A. 2021. Hurricane Ida offers a glimpse of the dystopia that's coming for all of us. *The New York Times*. <https://www.nytimes.com/2021/08/31/opinion/hurricane-ida-climate-change.html> (accessed September 7, 2021).

Lui, M., B.J. Robles, B. Leondar-Wright, R.M. Brewer, and R. Adamson. The color of wealth: The story behind the U.S. racial wealth divide. New York: The New Press.

National Academies of Sciences, Engineering, and Medicine. 2016. Urban renewal and the production of inequalities. In *Framing the Dialogue on Race and Ethnicity to Advance Health Equity*. Washington, DC: National Academies Press. Pp. 17-28.

Prevention Institute. 2021. People, parks, and power: A national initiative for green space, health equity, and racial justice. *Prevention Institute*. <https://www.preventioninstitute.org/projects/people-parks-and-power-national-initiative-green-space-health-equity-and-racial-justice> (accessed September 7, 2021).

Schreiber, M. 2021. Welcome to the Climate-COVID Convergence. *The New Republic*. <https://newrepublic.com/article/163474/hurricane-ida-climate-covid-wildfire> (accessed September 10, 2021).

Pandemics don't just have to be negative feedback loops. They can also serve as positive tipping points, leading us to make changes that address health and climate crises at the same time, because they are so deeply intertwined. Restoring ecosystems, keeping carbon emissions in the ground and out of the air, improving water and food security, investing in social safety nets and universal health care, designing better early warning systems for extreme events, improving building resilience—it all helps the health of humans and the planet.

Soja, E.W. 2009. *The city and spatial justice*. Paper presented for presentation at the Spatial Justice conference, Nanterre, Paris.

The specific term “spatial justice” has not been commonly used until very recently, and even today there are tendencies among geographers and planners to avoid the explicit use of the adjective “spatial” in describing the search for justice and democracy in contemporary societies. Either the spatiality of justice is ignored or it is absorbed (and often drained of its specificity) into such related concepts as territorial justice, environmental justice, the urbanization of injustice, the reduction of regional inequalities, or even more broadly in the generic search for a just city and a just society.

Shapiro, E. 2021. “It’s Critical That The Rivers Continue to Flow.” Environmental activist Nicole Horseherder on reclaiming water rights for Native Americans. *TIME*. <https://time.com/6093093/water-rights-nicole-horseherder/> (accessed September 7, 2021).

Weil, E and M. Rodríguez Pons. 2021. Postcard from Thermal: Surviving the climate gap in Eastern Coachella Valley: In the climate crisis, it’s possible to live in the same place but inhabit different worlds. *ProPublica*. <https://www.propublica.org/article/postcard-from-thermal-surviving-the-climate-gap-in-eastern-coachella-valley> (accessed September 10, 2021).

Yellow Horse, A.J. and K.R. Huyser. 2021. Indigenous data sovereignty and COVID-19 data issues for American Indian and Alaska Native Tribes and populations. *Journal of Population Research*.

## Climate Change Displacement and Population Resilience

Hoffman, J., V. Shandas, and N. Pendleton. 2020. The effects of historical housing policies on resident exposure to intra-urban heat: A study of 108 US urban areas. *Climate* 8(12): 1-15.

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- Klinenberg, E. 2015. *Heat wave: A social autopsy of disaster in Chicago*, 2nd ed. Chicago: University of Chicago Press.
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- Shandas, V., J. Voelkel, J. Williams, and J. Hoffman. 2019. Integrating satellite and ground measurements for predicting locations of extreme urban heat. *Climate* 7(5): 1-13.
- Voelkel, J., D. Hellman, R. Sakuma, and V. Shandas. 2018. Assessing vulnerability to urban heat: A study of disproportionate heat exposure and access to refuge by socio-demographic status in Portland, Oregon. *International Journal of Environmental Research and Public Health* 15(4): 640-674.
- Klinenberg, E. 2018. *Palaces for the People: How Social Infrastructure Can Help Fight Inequality, Polarization, and the Decline of Civic Life*. New York: Crown.

## How Policies and Investments Shape Spatial Injustice and Displacement

- Abello Perry, O. 2017. Baltimore reckons with its legacy of redlining. *Next City*. <https://nextcity.org/daily/entry/baltimore-reckons-legacy-redlining> (accessed September 7, 2021).
- Coates, T. 2014. The case for reparations. *The Atlantic Monthly*. <https://www.theatlantic.com/magazine/archive/2014/06/the-case-for-reparations/361631/> (accessed September 10, 2021).
- Demas, J. 2021. What we talk about when we talk about gentrification. *Vox*. <https://www.vox.com/22629826/gentrification-definition-housing-racism-segregation-cities> (accessed September 10, 2021).
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Moore, M.S. 2021. California's novel attempt at land reparations. *The New Yorker*.  
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[https://www.youtube.com/watch?v=ls3P\\_FicO7I](https://www.youtube.com/watch?v=ls3P_FicO7I)

#### Public Spaces 101 for Cross-Sector Partnerships That Can Drive Change

Agyeman, J. 2017. Interculturally inclusive spaces as just environments. *Items*.  
<https://items.ssrc.org/just-environments/interculturally-inclusive-spaces-as-just-environments/>  
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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.

*Updated June 7, 2018*