

Climate Change, Health, and Justice: A Workshop on Community Engaged Research to Promote Health Equity

July 29-30, 2024

National Institute on Minority Health and Health Disparities (NIMHD)
Zoom Webinar

Workshop objectives: to bring together researchers, clinicians, and community partners to stimulate community-engaged, multi-level intervention research to minimize health disparities associated with climate change. Through this workshop, we aim to:

1. Hear community, clinician, and researcher perspectives on innovations to decrease health disparities associated with climate change.
2. Identify mechanisms and processes required for successful multi-level interventions that strengthen resilience and adaptation to health effects from climate change among populations that experience health disparities.
3. Identify research gaps and opportunities to promote climate justice through community-engaged research.
4. Strategize future research directions for community-engaged multi-level intervention research on climate change and health disparities.

NIH Planning Committee

- Arielle Gillman, Ph.D., M.P.H. (Co-Chair, NIMHD)
- Shilpa H. Amin, M.D., M.B.Sc., M.J., CAQ, FAAFP (NIMHD)
- Angela Fernandez, Ph.D., M.P.H., LCSW (NIMHD)
- Vanessa Marshall, Ph.D. (NIMHD)
- Ashlinn K. Quinn, Ph.D. (NIEHS)
- Julie Postma, Ph.D., RN (Co-Chair, Washington State University College of Nursing)
- Crystal L. Barksdale, Ph.D., M.P.H. (NIMHD)
- Arundhati Gogineni, Ph.D., LCSW-C (NIMHD)
- Karen Marie McNamara, Ph.D. (NINR)

Times are listed in **Eastern Daylight Time**

You can convert the times using the [Time Difference Calculator](#).

MONDAY, JULY 29

Workshop Welcome

12:30 p.m.	Workshop Overview <i>Arielle Gillman, Ph.D., M.P.H., NIMHD</i> <i>Julie Postma, Ph.D., RN, Washington State University College of Nursing</i>
12:40 p.m.	Welcome Remarks and NIMHD Perspective <i>Eliseo J. Pérez-Stable, M.D., NIMHD Director</i>

Keynote Session

Moderator: Arielle Gillman, Ph.D., M.P.H., NIMHD

12:50 p.m.	<p>Conceptualizing the Links Between Climate Change and Health Inequities: Implications for Research and Action <i>Ana V. Diez Roux, M.D., Ph.D., M.P.H., Drexel University Dornsife School of Public Health</i></p>
1:10 p.m.	<p>Promoting Climate Justice: Promotores de Salud, Farmworkers and Latinx Populations <i>Imelda Mariscal, Moses Lake Community Health Center</i> <i>Mary Jo Ybarra-Vega, M.S., LMHC, Quincy Community Health Center</i></p>
1:30 p.m.	<p>Looking at Climate and Health Adaptation Through an Equity Lens: What Do You See? <i>John Balbus, M.D., M.P.H., HHS Office of Climate Change and Health Equity</i></p>
1:50 p.m.	Q&A and Discussion
2:00 p.m.	Break
<p>Session #1: Protecting Farm Workers From the Health Effects of Extreme Heat in Occupational and Community Health Settings Moderator: Julie Postma, Ph.D., RN, Washington State University College of Nursing</p>	
2:05 p.m.	<p>Heat and Health Equity: Protecting Immigrant and Migrant Agricultural Workers <i>Marysel Pagán Santana, Dr.P.H., M.S., Migrant Clinicians Network</i></p> <p>Partner-Engaged Development & Evaluation of Farmworker Heat Prevention Awareness & Decision Support Tools <i>June Spector, M.D., M.P.H., WA SHARP Program & University of Washington</i></p> <p>Heat Protection Interventions Among Farmworkers <i>Roxana C. Chicas, Ph.D., RN, FAAN, Emory University Nell Hodgson Woodruff School of Nursing</i></p> <p>Overview of Policies Protecting Outdoor Workers From Heat Stress <i>Alexis Guild, M.P.P., Farmworker Justice</i></p>
2:40 p.m.	<p>Discussion and Q&A <i>Irene Ruiz, M.A., Idaho Organization of Resource Councils</i> <i>Maria Blancas, Ph.D., M.P.H., University of Washington</i></p>
3:05 p.m.	Break
<p>Session #2: Preparing Rural and Tribal Communities for Sustained Wildfire Smoke Moderator: Ashlenn K. Quinn, Ph.D., NIEHS</p>	

3:10 p.m.	<p>Approaches to Building Smoke-Readiness in Rural North Central Washington <i>Elizabeth Walker, Ph.D., Smoke Ready Solutions and Clean Air Methow</i></p> <p>Wildfires and the Changing Landscape of Air Pollution-Related Health Burden in California <i>Ana G. Rappold, Ph.D., EPA Center for Public Health and Environmental Assessment</i></p> <p>Summers of Smoke: Towards Infrastructure That Facilitates Community-Based Research, Policy and Advocacy in Service of Planetary Health <i>Courtney Howard, M.D., M.P.P., University of Calgary Cumming School of Medicine</i></p>
3:40 p.m.	<p>Panel Discussion and Q&A <i>Gillian Mittelstaedt, Dr.P.H., M.P.A., Partnership for Air Matters and the Tribal Healthy Homes Network</i> <i>Ashley Schmidt, M.S.N., RN, Tulalip Tribes Health System</i></p>
4:10 p.m.	Break
<p>Session #3: The Role of Sovereignty in Indigenous and Planetary Health in the Context of Climate Change Moderator: Angela Fernandez, Ph.D., M.P.H., LCSW, NIMHD</p>	
4:20 p.m.	<p>Indigenous Planetary Health <i>Nicole Redvers, N.D., M.P.H., D.Phil.(c), Western University Schulich School of Medicine & Dentistry</i></p> <p>Justice For All Kin: Indigenous Sovereignty in Land and Water Management to Nurture a Changing Mother Earth <i>Heather Sauyaq Jean Kwamboka Gordon, Ph.D., Sauyaq Solutions</i></p> <p>Fanhasso Inafa'maolek ginen Guåhan: Remembering Reciprocity on Guam <i>Paige Castro-Reyes (CHamoru), Community-Campus Partnerships for Health and Indigenous Roots & Reparation Foundation</i></p>
4:50 p.m.	<p>Panel Discussion and Q&A <i>Kyle X. Hill, Ph.D., M.P.H., University of Minnesota School of Public Health</i> <i>Melissa Vera, Ph.D., Washington State University College of Nursing</i></p>
5:20 p.m.	<p>Day 1 Summary and Wrap-Up <i>Arielle Gillman, Ph.D., M.P.H., NIMHD</i></p>
5:30 p.m.	Adjourn

TUESDAY, JULY 30

1:00 p.m.	Day 2 Welcome <i>Arielle Gillman, Ph.D., M.P.H., NIMHD</i>
Session #4: Increasing Household and Community Energy Resilience to Protect the Health of Minoritized Populations Living in Underserved Areas Moderator: Vanessa Marshall, Ph.D., NIMHD	
1:10 p.m.	Characterizing Power Outage Exposure and Identifying Vulnerable Populations <i>Vivian Do, M.P.H., Ph.D.(c), Columbia University Mailman School of Public Health</i> Solar Power, Health, and Community in Puerto Rico: A Visual Reflection on Opportunities and Challenges <i>Nelson Varas-Díaz, Ph.D., Florida International University</i> Community Health Center Solar Micro-grids: Access to Primary Care and Resilience in Justice 40 Communities <i>E. Benjamin Money, Jr., M.P.H., National Association of Community Health Centers</i> Advancing Energy Resilience in Housing to Mitigate Climate Risk <i>Danielle Arigoni, Policy and Solutions at National Housing Trust</i>
1:45 p.m.	Panel Discussion and Q&A <i>Claire Richards, Ph.D., RN, Washington State University</i>
2:10 p.m.	Break
Session #5: Intervention Needs for Natural Disasters Caused by Climate Change Among Populations Experiencing Health Disparities Moderator: Arundhati Gogineni, Ph.D., LCSW-C, NIMHD	
2:15 p.m.	Understanding and Reducing the Compounding Climate and Health Risks in the U.S. Gulf of Mexico Region <i>Dan Burger, M.P.A., National Academies of Sciences, Engineering, and Medicine</i> Building Resilient Communities <i>Marion M. McFadden, J.D., U.S. Department of Housing and Urban Development</i> Adaptation Activities as Interventions for Indigenous Communities Exposed to Climate Change <i>Shanondora Billiot, Ph.D., M.S.W., Arizona State University School of Social Work</i>
2:45 p.m.	Discussion and Q&A <i>Lauren Clay, Ph.D., M.P.H., University of Maryland—Baltimore County</i> <i>Douglas Kowalewski, Ph.D., National Science Foundation</i>
3:15 p.m.	Break

Session #6: Panel Discussion on Methodological Challenges and Opportunities

Moderator: Karen Marie McNamara, Ph.D., NINR

3:25 p.m.

Panelists

Gila Neta, Ph.D., M.P.P., National Cancer Institute

*Lisa M. Thompson, Ph.D., M.S., RN, FNP, FAAN, Emory University Nell Hodgson
Woodruff School of Nursing*

Jamie Donatuto, Ph.D., Swinomish Indian Tribal Community

Sacoby Wilson, Ph.D., M.S., University of Maryland School of Public Health

Workshop Wrap-Up and Conclusion

4:25 p.m.

Workshop Summary and Group Discussion on Recommendations and Future Directions

Moderator

Workshop Planning Committee

Panelists

All Invited Workshop Speakers, Discussants, and Panelists

5:00 p.m.

Adjourn