



# Partnerships for Environmental Public Health

## Climate Change and Environmental Justice: Engaging Diverse Teams

February 20-22, 2024

National Institute of Environmental Health Sciences

Building 101, Rodbell Conference Rooms  
111 TW Alexander Drive Research Triangle Park, NC 27709

### Day 1: February 20, 2024 (Tuesday)

7:45 AM	1 <sup>st</sup> Bus/Shuttle to NIEHS	
8:15 AM	2 <sup>nd</sup> Bus/Shuttle to NIEHS	
8:30 AM	Check-in for Workshops Put up posters.	NIEHS Lobby
<b>9:00 AM</b>	<b>Workshops Begin</b>	
	<ul style="list-style-type: none"> <li>• A Framework for Teaching Environmental Health Education for Health Care Professionals Working with Indigenous and Environmental Justice Communities</li> </ul>	Lakeview
	<ul style="list-style-type: none"> <li>• Building Partnerships for Climate Justice in Rural and Urban Areas: Skill-building Session led by the Mountain West Climate-Health Engagement Hub</li> </ul>	D350
	<ul style="list-style-type: none"> <li>• Community Engagement Tools for Climate and Health in Hard-to-Reach Populations</li> </ul>	Rodbell A
	<ul style="list-style-type: none"> <li>• Moving Forward with Reporting Back</li> </ul>	F193
	<ul style="list-style-type: none"> <li>• PEPH Evaluation Training – Logic Models and Metrics</li> </ul>	A262
10:30 AM	Break	
<b>10:45 AM</b>	<b>Workshops Continue</b>	
	<ul style="list-style-type: none"> <li>• Engaging with Environmental Justice Communities: Letting Communities Take the Lead</li> </ul>	Rodbell A
	<ul style="list-style-type: none"> <li>• Intro to Open-source GIS Modeling for Public Health</li> </ul>	F193
	<ul style="list-style-type: none"> <li>• The Value and Limitations of Applying an Environmental Health Literacy Framework</li> </ul>	Rodbell C

11:30 AM Bus/Shuttle from Hotel  
 11:30 AM Check-in and Lunch NIEHS Lobby  
 Put up posters

Box lunches, ordered through Panera, can be picked-up at the PEPH lunch table in the cafeteria space.

**1:00 PM PEPH Welcome Rodbell A, B, C**  
 Rick Woychik, Ph.D.; Director, NIEHS  
 Liam O’Fallon, MA; Lead, PEPH Network

**1:45 PM Intergenerational Engagement Rodbell A, B, C**  
 The importance of engaging multiple generations in environmental health topics is essential when building capacity for youth and beyond in this sector. The session will provide an understanding of effective strategies when working with diverse age groups of community members such as youth, undergraduate and graduate students, and adults when it comes to environmental health community-based projects. Panelists will discuss the successes, challenges, capacity building, curriculum development, building interdisciplinary teams, and lessons learned when it comes to intergenerational environmental health engagement. After the 45-minute panel, a 45-minute breakout session will commence. The panelists will lead the breakouts in more comprehensive discussions.

**Panelists:**

Victoria Triana, University of North Carolina at Chapel Hill  
 Rahul Mitra, Wayne State University  
 Jaron Burke, WEACTION  
 Natalie Sampson, University of Michigan at Dearborn

**2:45 PM Breakout Discussions**  
 Victoria (Notetaker: Kimberly Thigpen Tart) Rodbell A  
 Raul (Notetaker: Kristi Pettibone) Lakeview  
 Jaron (Notetaker: Ann Liu) F 193  
 Natalie (Notetaker: Lindsey Martin) Rodbell C

3:30 PM Transition to Poster Session

**3:45 PM Poster Session #1 Rall Mall**

5:15 PM Adjourn  
 5:20 PM 1<sup>st</sup> Bus/Shuttle to Hotels  
 5:45 PM 2<sup>nd</sup> Bus/Shuttle to Hotels

## Day 2: February 21, 2024 (Wednesday)

7:45 AM 1<sup>st</sup> Bus/Shuttle to NIEHS  
 8:15 AM 2<sup>nd</sup> Bus/Shuttle to NIEHS  
 8:30 AM Check-in for Workshops NIEHS Lobby

**9:00 AM Engaging Communities in Oceans and Human Health Rodbell A, B, C**

The field of oceans and human health (OHH) encompasses research to address diverse challenges to the well-being of human populations as well as ocean and aquatic ecosystem health. This session provides an introduction to the field of OHH and the NIEHS-NSF supported Centers for OHH and the NIEHS Research to Action programs. Speakers will review a diverse range of insights from community engaged research, including grassroots community engagement, youth education initiatives, activities for underrepresented and underserved groups including students, and community-based environmental monitoring and notification systems for vulnerable populations.

**Speakers**

Paul Sandifer, College of Charleston  
 Dan Kilpatrick, University of South Carolina  
 Matt Gribble, University of California, San Francisco  
 George Bullerjahn, Bowling Green State University  
 Mindy Richlen, Woods Hole Oceanographic Institution

**10:15 AM Sensors, Tools, and Resources Rodbell A, B, C**

Environmental exposures can be detected and mitigated via sensor and technology use. Even so, challenges in using sensors to address environmental exposures can be a major barrier for communities and researchers alike. Leaders and experts in sensor use and shared resource development will discuss their experiences with sensors in community-based projects. Panelists will discuss the successes, challenges, feasibility, sustainability, cost, and lessons learned when it comes to sensors being used to address environmental health issues. After the 45-minute panel, a 45-minute breakout session will commence.

**Panelists:**

Chris Heaney, Johns Hopkins University  
 Pat Ryan, University of Cincinnati  
 Scott Oakley Hersey, Olin College  
 Robbie Parks, Columbia University  
 Irvan Luhung, Yale University

**11:15 AM Breakout Discussions**

Chris (Notetaker: Trish Castranio)	Rodbell A
Pat and Scott (Notetaker: Ann Liu)	Rodbell C
Robbie (Notetaker: Kimberly Thigpen Tart)	Lakeview

Irvan (Notetaker: Heather Henry)

D250

12:00 PM Transition to Lunch

Box lunches, ordered through Panera, can be picked-up at the PEPH lunch table in the cafeteria space.

**1:30 PM Translating Research to Protect Children’s Health and Achieve Health Equity in a Changing Climate Rodbell A, B, C**

This session will inform the PEPH community about this groundbreaking program and highlight examples of innovative and collaborative translation projects underway at three of the CEHRT centers. The session speakers will also discuss ways for the PEPH community to get involved with CEHRT to advance environmental and climate justice and health equity for children, including engagement via pilot projects, dissemination of CEHRT-developed tools and resources, and regional coordination and collaboration.

**Speakers**

- Nsedu Obot Witherspoon, Children’s Environmental Health Network (Moderator)
- Kimberly Gray, National Institute of Environmental Health Sciences
- Elizabeth Kamai, University of Southern California
- Grace Ahn, University of Georgia
- Marilyn Howarth, University of Pennsylvania

3:00 PM Break

**3:15 PM Building Bridges in Environmental Health: Training Early Career Researchers for the pursuit of Environmental Justice Rodbell A, B, C**

The panel will discuss the difficulties of launching innovative fellowships programs and highlight fellows who are currently conducting community-engaged research. The panel will also discuss the training gaps closed in Environmental Health Research by non-academic training programs.

Goal: Panel will discuss building of programs for early career researchers at various stages that promote 1) science communication 2) community-engaged research at the intersect climate and environmental justice and 3) budling of inter and intra cohort engagement.

**Speakers**

- Yoshira Ornelas Van Horne, Columbia University (Moderator)
- Max Aung, University of Southern California
- Lariah Edwards, Columbia University
- Anaís Delilah Roque Antonetty, The Ohio State University

**4:15 PM Poster Session Rall Hall**

5:30 PM Adjourn; take down posters

5:40 PM 1<sup>st</sup> Bus/Shuttle to Hotels

6:00 PM 2<sup>nd</sup> Bus/Shuttle to Hotels

## Day 3: February 22, 2024 (Thursday)

7:45 AM 1<sup>st</sup> Bus/Shuttle to NIEHS  
 8:15 AM 2<sup>nd</sup> Bus/Shuttle to NIEHS  
 8:30 AM Check-in for Meeting NIEHS Lobby

**9:00 AM Building and Sustaining Local Capacities Rodbell A, B, C**

This session will bring together a series of speakers to highlight how they are working with communities across the country that are overburdened and under-resourced. Critical federal investments such as the Environmental Justice Thriving Communities Technical Assistance Centers (EJ TCTACs), as well as other public and private sector initiatives, have been developed to provide assistance to remove barriers and improve accessibility towards environmental justice. Panelists will share insights, lessons learned, and partnership opportunities related to their projects.

**Panelists:**

Janelle Armstrong-Brown, Research Triangle Institute  
 Dwyane Porter, University of South Carolina  
 Joe Hoover, University of Arizona

**9:50 AM Breakout Discussions**

Janelle (Notetaker: Anika Dzerlinga)	Rodbell A
Dwyane (Notetaker: Kristi Pettibone)	F193
Joe (Notetaker: Abee Boyles)	Rodbell C
Eric Persaud and Sheldwin Yazzie (Notetaker: Brittany Trottier)	Lakeview

10:35 AM Transition to Listening Session with NIEHS Director

**10:45 AM Listening Session with the NIEHS Director Rodbell A, B, C**

After two days of interacting with colleagues and sharing information with one another, this final session will enable the PEPH participants to highlight key outcomes and take-away messages with the NIEHS Director. It will also be an opportunity for participants to communicate various environmental public health issues with the NIEHS Director.

12:00 PM Adjourn and Lunch  
 Take down posters  
 Box lunches, ordered through Panera, can be picked-up at the PEPH lunch table in the cafeteria space.

12:15 PM Shuttle departs for RDU

**1:30 PM Workshops Begin**

- Authentic Community Engagement for Environmental & Climate Justice Rodbell C

	<ul style="list-style-type: none"> <li>• Expanding Impactful Community-Engaged Research Practices: A Hands-on Training in Using a Digital Tool to Create Personal Exposure Reports for Study Participants</li> </ul>	Rodbell A
	<ul style="list-style-type: none"> <li>• Using Virtual Environments to Translate Critical Children’s Environmental Health Information to the Community: A Hands-on Workshop</li> </ul>	Keystone 1003
3:00 PM	Break	
<b>3:15 PM</b>	<b>Workshops Continue</b>	
	<ul style="list-style-type: none"> <li>• Authentic Community Engagement for Environmental &amp; Climate Justice</li> </ul>	Rodbell C
	<ul style="list-style-type: none"> <li>• Expanding Impactful Community-Engaged Research Practices: A Hands-on Training in Using a Digital Tool to Create Personal Exposure Reports for Study Participants</li> </ul>	Rodbell A
	<ul style="list-style-type: none"> <li>• Incorporating PFAS Research into Formal (K-12) and Informal Science Learning Environments to Engage Diverse Learners</li> </ul>	Keystone 1003
4:45 PM	Workshops adjourn	
5:00 PM	Bus/Shuttle departs for RDU and hotels	