

# Why Indoor Chemistry Matters *Workshop 5: Excessive Heat and the Indoor Environment*

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April 23rd, 2025 | 9:00AM – 4:30PM ET | Hybrid Workshop

**School of Nursing and Health Studies - University of Miami**

**[Event Registration](#) | [Event Page](#)**

## WORKSHOP OBJECTIVES

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- Illuminate the experiences of workers exposed to heat and indoor chemicals.
- Explore the current landscape of interdisciplinary community-engaged research to address heat and indoor chemical pollution issues.
- Identify opportunities for future investments to build research capacity and a scientific evidence base to inform action.

## PUBLIC AGENDA

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**09:00am – 09:20am** **Welcome, Introductions, and Opening Remarks**

**Charles Ferguson, The National Academies of Sciences, Engineering, and Medicine (NASEM)**

**Roxana Chicas, Emory University and National Academy of Medicine (NAM), American Academy of Nursing Fellow**

**Guillermo Prado, University of Miami**

**09:20am – 10:00am** **Session 01: Keynotes**

**Ellison Carter, Colorado State University**

*Breathing Room: Navigating Thermal and Chemical Risks Indoors*

**Jill Johnston, University of Southern California**

*It's Getting Hot in Here: Perceptions of Indoor Heat in Vulnerable Urban Communities*

**Moderator: Charles Ferguson**

**10:00am – 10:15am** **Break**

**10:15am – 11:45am** **Session 02: Workers Exposed to Heat and Indoor Chemicals**

**Natasha Solle, University of Miami**  
*Heat Exposure in the Fire Service: The Impact of Occupational Heat Stress on Firefighter Health*

**Delphine Farmer, Colorado State University**  
*How Heat and Chemistry Work Together to Enhance Indoor Air Pollution*

**Gerardo Reyes Chávez w/ Giselle Ramirez, Coalition of Immokalee Workers (CIW)**  
*How Farmworkers Created the Fair Food Program and Built-in Protections from Heat and Other Hazards, Part 1*

**Moderator: Apurva Dave**

**11:45am – 12:45pm**

Lunch

**12:45pm – 02:15pm**

**Session 03: Interdisciplinary, Community-Engaged Research**

**Gillian Gawne-Mittelstaedt, Tribal Heathy Homes Network**  
*Extreme Heat and Indoor Environments: Risk Factors within Tribal, Rural, Cold-Climate and Overburdened Communities*

**Robbie Parks, Columbia University**  
*Heat Exposure and Temperature Equity (HEATE): Characterizing Indoor Heat Stress and Health Impacts in Housing in New York City*

**Gerardo Reyes Chávez w/ Giselle Ramirez, Coalition of Immokalee Workers**  
*How Farmworkers Created the Fair Food Program and Built-in Protections from Heat and Other Hazards, Part 2*

**Moderator: Roxana Chicas**

**02:15pm – 02:30pm**

Break

**02:30pm – 04:00pm**

**Session 04: Future Investments in Research**

**Robin Dodson, Silent Spring Institute**  
*Targeted Broad Thinking: Addressing Cumulative Exposures in Vulnerable Populations*

**Paula Olsiewski, Johns Hopkins University**  
*Research to Policy to Practice - What's Needed?*

**Hudson Santos, University of Miami**  
*Securing Funding for Climate/Environmental and Health Initiatives*

**Pratim Biswas, University of Miami**  
*Indoor Air Quality: From Earth to Outer Space Abodes*

**Moderator: Apurva Dave**

**04:00pm – 04:30pm**

**Closing remarks & adjourn**