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WEATHERING CHANGE: A C4H NEWSLETTER

The Center for Collaboration on Climate & Community for Health

University of CINCINNATI

A MESSAGE FROM THE C4H CO-DIRECTOR, DR. ARDYTHE L. MORROW



Welcome to the latest edition of *Weathering Change*, the newsletter of the Center for Collaboration on Climate and Community for Health (C4H) at the University of Cincinnati.

As we move into the warmer months, our work feels more urgent than ever. This edition reflects the many ways C4H continues to advance interdisciplinary research, community engagement, and training at the intersection of climate and health.

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From our participation in the NIH Health and Extreme Weather Program Solutions and Community Resilience Science Symposium in Maryland, where our team shared its work and exchanged ideas with fellow grantees, to our ongoing community-based research and outreach efforts, C4H continues to build meaningful connections between science and service.

I am especially proud of the collaborative work happening across our cores, including efforts to strengthen climate-health research, support the next generation of scholars, and expand access to trusted information and resources for communities most affected by climate change.

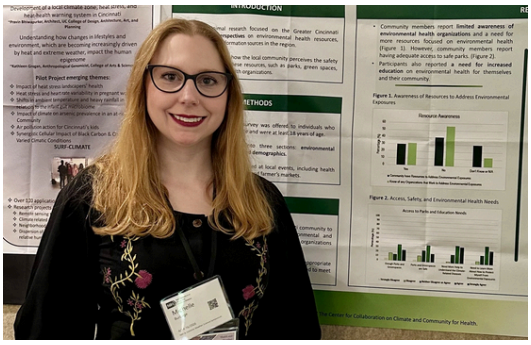
Our Weathering Change webinar series also continues to bring outstanding voices to our network, with several exciting sessions still ahead this spring.

Thank you for your ongoing partnership and dedication to this critical work in advancing healthier and more climate-resilient communities.

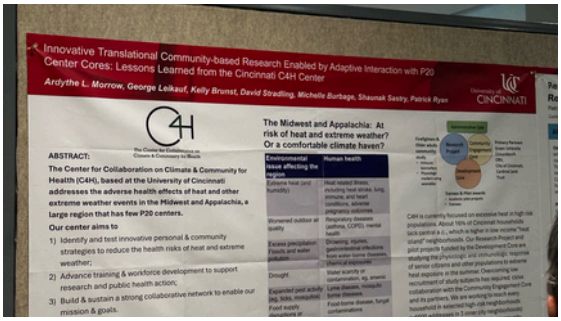
Warm regards,
Ardythe L. Morrow, PhD, Co-Director, C4H, University of Cincinnati

C4H UPDATES

C4H Showcases Interdisciplinary Climate–Health Research at NIH Health & Extreme Weather Symposium



From April 14–16, 2026, key representatives from C4H participated in the NIH Health and Extreme Weather Program: Solutions and Community Resilience Science Symposium in Rockville, Maryland where NIH grantees and partners gathered to share advances in heat and extreme weather research.



The center made a strong showing, **presenting four posters** that showcased C4H's interdisciplinary work across heat and extreme weather health impacts, translational community-based research, and workforce development.

Below are the poster titles and their contributors

- **Innovative Translational Community-based Research Enabled by Adaptive Interaction with P20 Center Cores: Lessons Learned from the Cincinnati C4H Center** by Ardythe L. Morrow, George Leikauf, Kelly Brunst, David Stradling, Michelle Burbage, Shaunak Sastry, and Patrick Ryan
- **The Awareness, Use, and Accessibility of Environmental and Climate Health Resources within a Midwestern Community** by Michelle Burbage, Abigail Cuyler, Kinar Dhameliya, and Tess Brewer
- **Residential Air Conditioning and Neighborhood Characteristics: Recruiting Study Participants Using Publicly Available Housing Data** by Patrick H. Ryan, Adair McWilliams, Cole Brokamp, Kelly Brunst, and Ardythe Morrow
- **Advancing Heat and Extreme Weather (HEW) Research Through Development Core–Led Training, Mentorship, and Awards** by Kelly J. Brunst, David Stradling, Angelico Mendy, and Ardythe Morrow

The symposium offered an important platform for C4H to share its work, exchange ideas with fellow grantees, and deepen partnerships with NIH grantees and community collaborators working to advance climate–health research.

Community-Based Research on Extreme Heat and Health



The Community Engagement Core (CEC) is collaborating with the Research Project team to recruit participant for a study examining the health impacts of extreme heat on pregnant individuals and older adults. Undergraduate and graduate student volunteers completed a February training on community engagement and recruitment strategies and are now conducting in-person outreach in pairs.

Their work includes assisting residents with screening surveys, documenting outreach efforts, and connecting eligible participants with the research team. Recruitment will continue through May.

Hands-On Learning at Pleasant Run Elementary Career Exploration Fair



CEC Program Manager Abby Cuyler participated in the Pleasant Run Elementary Career Exploration Fair in February, introducing 3rd–5th grade students to careers in public and environmental health. sunscreen.



Through hands-on activities, students explored UV exposure and the importance of sun protection, including an experiment demonstrating how SPF levels affect UV exposure. Students also created UV color-changing bead bracelets to help signal when to apply

Spring Outreach Resumes with the 513Relief Bus



With the arrival of spring, CEC has resumed outreach efforts in partnership with the 513Relief Bus. Abby Cuyler and CEC volunteer Kinar Dhameliya have participated in several community events, sharing environmental and climate health information and resources with local residents.

Engaging the Public on Climate and Health at the Cincinnati Museum Center

Dr. Michelle Burbage and Abby Cuyler partnered with the Cincinnati Museum Center's Advancing Health Gallery in March to engage visitors in learning about environmental and climate health. They hosted an interactive table featuring educational materials on topics such as extreme weather, mold, and air pollution. Visitors of all ages also participated in a hands-on demonstration exploring how clothing color affects sun exposure.





Using UV color-changing beads, fabric samples, and UV flashlights, participants compared how different colors of clothing can influence the amount of UV radiation reaching the skin.

CEC Leadership Contributes to UC Public Health Impact Summit

CEC Co-Director, Dr. Michelle Burbage, served on the planning committee for the UC Public Health Impact Summit in April, which featured breakout sessions, panel discussions, and keynote presentations from public health experts. Abby Cuyler participated as a panelist on the Public Health Professional Panel, sharing insights on her career path, her role with C4H, and advice for students pursuing careers in public health.



Recap of of Weathering Change Webinar Series: Recent and Upcoming Sessions

The C4H Weathering Change webinar series continues to highlight interdisciplinary research at the intersection of climate and health, featuring leading scholars from across the globe.

On February 24, 2026, **Dr. Courtney Woods, Associate Professor at the University of North Carolina,** presented on debris management in climate-driven disasters. A recording of the webinar is available on the **Weathering Change YouTube playlist.**

On March 3, 2026, **Dr. Nikolaus Mezger, Research Fellow at Karolinska Institutet in Sweden,** gave a webinar on climate-sensitive health counseling in general practice and obstetrics and gynecology settings, with a focus on integrating climate considerations into everyday clinical practice. He also shared Planetary Health Case Studies as a resource during the presentation.
A recording of the seminar is available on the **Weathering Change YouTube Playlist.**

On March 10, 2026, **Dr. Megan Herding, Associate Professor at the University of Southern California**, shared research on mapping air pollution's effects on adolescent brain development. A recording of the seminar is available on the **Weathering Change YouTube Playlist.**

On March 24, 2026, **Dr. Ray Yeager, Health Geographer at the University of Louisville,** presented on long-term patterns of extreme weather, cumulative health impacts, and nature-based adaptation. A recording of the seminar is available on the **Weathering Change YouTube Playlist.**

On April 7, 2026, **Dr. Dean P. Jones, Professor at Emory University,** presented a webinar on the human exposome and future health.
A recording of the seminar is available on the **Weathering Change YouTube Playlist.**

On April 14, 2026, **Dr. Holly Elser, Clinical Fellow at the University of Pennsylvania,** presented on neurology and the environment through an epidemiological lens.
A recording of the seminar is available on the **Weathering Change YouTube Playlist.**

On April 28, 2026, **Dr. Amy Padula, Associate Professor at the University of California-San Francisco**, presented on Perinatal Health Impacts of Wildfire Smoke Exposure in Pregnancy, sharing current research from the **UCSF Program on Reproductive Health and the Environment**. A recording of the seminar is available on the **Weathering Change YouTube Playlist**.

Upcoming Weathering Change Webinars

The C4H Weathering Change webinar series continues this spring with presentations highlighting emerging research on climate and health. Below is a brief overview of each session.

May 5, 2026(12:30–1:30 PM ET, virtual): Heatwaves During Pregnancy and Neurodevelopmental Outcomes in Arizona



Presenter: Dr. Melissa Furlong, University of Arizona

Dr. Melissa Furlong is an environmental epidemiologist whose work examines how environmental and occupational exposures influence child neurodevelopment and long-term neurological health. **Learn more at C4H Website.**

Virtual – Register here

May 12, 2026(12:30–1:30 PM ET): How Emerging Technologies and Policies can Quantify and Reduce Methane Emissions



Presenter: Dr. David Lyon, Environmental Defense Fund

David Lyon is a Senior Methane Scientist II at the Environmental Defense Fund in Longmont, Colorado and will present on how emerging technologies and policies can quantify and reduce methane emissions. **Learn more at C4H Website.**

Virtual – Register here

UPCOMING EVENTS/OPPORTUNITIES

2026 ECHO Symposium: Translating Science to Action May 6, NIH Main Campus, MD or Online

This conference will examine the influence of chemical exposures, specifically plastics, plasticizers, and air quality on child health and development. **Learn more and register.**

Cardinal Land Conservancy Annual Meeting, May 19, 2026

Attend the Cardinal Land Conservancy Annual Meeting to learn how regional conservation efforts are protecting natural areas, waterways, and open space. **Learn more and register.**

The 2026 Midwest Sustainability Summit: June 12, Sharonville Convention Center, Cincinnati

The 2026 Midwest Sustainability Summit brings 650+ leaders to the Sharonville Convention Center near Cincinnati for a full day of innovative solutions for a more resilient, equitable future. Learn more and register:. **Learn more and register here.**

2026 Ohio Valley Climate Change and Health Conference

This one-day event will feature scientific talks and posters on subjects at the intersection of the Earth and health sciences relevant to our region. Hosted by the UC School of Environment and Sustainability and the College of Medicine, sponsored by the National Science Foundation. **Register for the conference here**.

Environmental Risk and Cancer Research Conference, November 12-13, 2026, Puerto Rico Convention Center

This conference will bring together researchers, health professionals, students, and leaders from Puerto Rico and the U.S. to foster knowledge exchange and meaningful research collaborations. Learn more by contacting crtec@cccupr.org

Cincinnati Residents: Share what you think about Cincinnati's historic gaslights!

Researchers from University of Cincinnati — Dr. Nancy Jennings, Usman Bah, & Tia Iddrisu — invite you to share your thoughts about **Cincinnati's historic gaslights** and their environmental impact. Your input will help them understand what residents know, value, and feel about these iconic lights and their role in our city's environment.

SHARE YOUR HIGHLIGHTS WITH US

The Center for Collaboration on Climate and Community for Health (C4H) wants to highlight your impact!

We know you are all doing incredible work in your different cores and the C4H newsletter provides a great opportunity for you to share that with our network. If you have a story, research projects, an upcoming event to highlight, or climate news and resources (conferences, fellowships, awards, volunteering, etc.), please let us know at cincinnati4health@gmail.com.

Our LinkedIn page is live. Ensure you follow us!

Stay up to date with C4H Weathering Change Newsletter!

See you next month!