



Climate and Health Actionable Research and Translation

# WEBINAR SERIES

## From Sensors to Insights: Quantifying Daily Heat and Air Pollution Exposure in Atlanta - CHART Methods & Early Insights

Register Here: <https://tinyurl.com/yes84z5j>



Date: April 28, 2026  
Time: 12-1 PM EST



SPEAKER

**Jiyoun Hwang, MPH**

Public Health Program Associate,  
Rollins School of Public Health

### DESCRIPTION:

The urban infrastructure found in cities not only puts people at risk of extreme heat exposure during the intense summer months but also at increased risk of exposure to air pollution. This webinar will dive into CHART's community-based research utilizing wearable sensors to quantify real-world exposure to heat and air pollution in daily life in Atlanta, including wearable-based sleep metrics. The webinar will touch on CHART's effort to recruit participants, collect and analyze data, and report findings back to the community.

### WEBINAR OBJECTIVES:

- Describe key requirements for investigating heat and pollution exposure among community members using wearables.
- Identify how environmental exposures are linked to individual behaviors and daily activities.
- Recognize the importance of community-based feedback (report backs to participants) as a motivator for behavior change.

**Attendees may be eligible for 1 CNE credit.**



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