

# Emily Wilhelm

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## EDUCATION

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**Emory University, Rollins School of Public Health** **Atlanta, Ga**  
**Major:** MPH in Environmental Health **GPA:** 3.9/4.0 May 2026  
**Certificates:** Data Science, Climate and Health

**Emory University** **Atlanta, Ga**  
**Major:** B.S. Environmental Science. **GPA:** 3.7/4.0 May 2025

## WORK EXPERIENCE

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**Quantitative Research Capstone** Aug 2025-Present  

- Investigating drivers of elevated personal PM<sub>2.5</sub> exposure using participant survey data, GPS mobility pathways, and wearable PM<sub>2.5</sub> sensor measurements to evaluate how daily activities and movement patterns influence exposure levels.

**Emory CHART Center** **Atlanta, Ga**  
*Graduate Research Assistant* May 2025-Present  

- Recruited and surveyed participants on heat-health exposures and conducted in-home environmental monitoring (temperature, humidity, and air pollution) Served as lead recruiter for control participants in the study. Developed reproducible data workflows for multi-source public health datasets, standardizing code, file structures, and data processing pipelines to ensure consistency.

**Emory College of Arts and Science** **Atlanta, Ga**  
*Teaching Assistant (ENVS 120 Living in the Anthropocene)* Aug 2025-Dec 2025  

- Graded assignments for 100 students, proctored exams, and held office hours.

**Emory University Fairley Lab** **Atlanta, Ga**  
*GIS Research Assistant* Jan 2025-May 2025  

- Conducted GIS spatial analysis of Hansen's disease cases in Brazil and nutrient deficiencies to contribute to identifying potential epidemiological associations of Hansen's disease in highly endemic areas.

**Emory Office of Sustainability Initiatives** **Atlanta, Ga**  
*Sustainability and Garden Intern* May 2023-Nov 2023  

- Contributed to data collection, analysis, and outreach to help the university achieve sustainability goals. Headed the maintenance of Emory's educational gardens.

**Oxford College of Emory University** **Oxford, Ga**  
*Teaching Assistant (ENVS 229 Meteorology and Climatology)* Jan 2023-May 2023  

- Developed and taught weekly review materials and assisted students in lab sessions.

## LEADERSHIP AND INVOLVEMENT

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**Emory Disability, Illness, and Divergence Collaborative Club** **Atlanta, Ga**  
*Vice President* Jan 2025-May 2025  

- Organized educational 'lunch & learns' to raise awareness about disabilities and accessibility. Create club events to help foster a community for students with disabilities, illness, or neurodivergence.

**Oxford Climate Reality Project Club** **Oxford, Ga**  
*Vice President & Treasurer* May 2021-Aug 2023  

- Assisted in leading weekly meetings and responsible for communication with external organizations, training new club members, and overseeing financial planning.

## SKILLS

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Phone recruitment, ArcGIS, QGIS, Google Earth Engine, R, R Shiny, SAS, Python, GitHub