

I'm excited to share that I am recruiting PhD students to join my future research group at the University of Illinois Chicago in the Department of Civil, Materials, and Environmental Engineering for Fall 2026 and Spring 2027.

The Human-Infrastructure Systems Lab, (HI Lab), will study how people experience and navigate infrastructure systems and emerging mobility technologies under stress, including climate hazards, institutional disruptions, cascading infrastructure failures, and how institutions respond and govern adaptively. I am especially interested in working with students who want to pursue equity-oriented, data-driven research on topics such as:

- Equitable evacuation during wildfires, floods, and other hazards
- Lived experience of infrastructure disruption
- Cascading transportation, energy, water, and communication disruptions
- Immigrant mobility under institutional stress
- Adaptive infrastructure governance during hazards and human-made disruptions
- Equitable emerging mobility systems (electric and autonomous vehicles)

Required qualifications:

- Motivated by justice-oriented questions (environmental justice, infrastructure justice, mobility justice, transportation equity, climate justice, etc.)
- Statistical modeling in R, Python, or STATA
- Geographic mapping and spatial analysis using ArcGIS, Python, and/or R
- Self-motivated, independent learner, and excellent communicator

Preferred qualifications:

- Qualitative research experience (interviews, focus groups, document analysis)
- Experience interacting with stakeholders (government, advocates, industry, etc.)
- Excellent writing skills
- Causal and predictive modeling

Although this is an engineering department, students outside of engineering are encouraged to apply; applicants from any disciplinary background, including engineering, must meet the required qualifications listed above.

Prospective students can email me with a brief statement of research interests and a CV to hilabrecruit@gmail.com. Please feel free to share with students who may be a good fit. Thank you!

Link to [Google Scholar](#) for reference.