

Pelle Tracey

School of Information
University of Michigan

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RESEARCH INTERESTS

My research investigates **automated decision-making in social service infrastructures** and contributes to areas including human-computer interaction, algorithmic fairness, and computer supported cooperative work. I primarily employ qualitative methods including interviewing, contextual inquiry, and participant observation to produce rich accounts of **how algorithmic processes mediate work practices and influence resource outcomes for unhoused individuals.**

EDUCATION

- Ph.D. Information, University of Michigan, 2025 (expected)
Affiliated researcher at the Center for Ethics, Society, and Computing
- B.A. Peace & Global Studies and Studio Art, Earlham College, 2017

PUBLICATIONS

Peer-Reviewed Journal Publications

Tracey, P., Garcia, P., & Punzalan, R. Recordkeeping, Logistification, and Disruption: A Study of Homeless Services Systems as Infrastructure. Under review.

Peer-Reviewed or Editor-Reviewed Publications, Posters, and Abstracts

- 2022 Tracey, P. Garcia, P. The Infrastructure of Last Resort: Logistics and Translation in Homeless Services. *Society for the Social Studies of Science (4S)*.
- 2021 Tracey, P., Rayburn, A. Reddit as a forum for social service workers. Poster abstract. *Association for Information Science and Technology (ASIST) Annual Meeting*, 10/30/21-11/2/21, Salt Lake City, UT. Archived in proceedings.

Manuscripts in Preparation

Tracey, P., Garcia, P. Is bias always bad?: Human-algorithm interaction, discretion, and homeless services.

INVITED TALKS

- 2021 Tracey, P. **Infrastructure and circulation.** *Society for Literature, Science, and the Arts (SLSA)* annual meeting. Ann Arbor.
- 2021 **Panel Chair, “Theorizing Care and the Digital”.** *Society for Literature, Science, and the Arts (SLSA)* annual meeting. Ann Arbor.

PROFESSIONAL MEMBERSHIPS

Association for Computing Machinery (ACM)
Society for Social Studies of Science (4S)
Association for Information Science and Technology (ASIST)

TEACHING

University of Michigan

Introduction to Information (Winter 2021)
Qualitative Inquiry for Data Scientists (Fall 2022)
Data Science Ethics (Fall 2022)

RESEARCH POSITIONS

Research Assistant, Culturally-Responsive Computing Lab, 2020-present
Researcher, The Junction, Derry, Northern Ireland, 2016
Research Assistant, Economics Department, Earlham College, 2014

PROFESSIONAL EXPERTISE

Housing Services Administrator, Southern Arizona Aids Foundation, Tucson, AZ, 2019-2020
Program Coordinator, Bethesda Project, Philadelphia PA, 2018-2019
Case Manager, Bethesda Project, Philadelphia PA, 2017-2018

AWARDS

LEADING Fellowship (2022)