Pelle Tracey

School of Information

University of Michigan

Email: Ptracey@umich.edu

Website: Pelletracey.github.io

RESEARCH INTERESTS

My research investigates how **automated technologies work in practice,** as constellations of technology, people, data, policy, and design, and contributes to areas including critical data studies, computer supported cooperative work, archival studies, and human-computer interaction. 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 people experiencing homelessness.**

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 and Proceedings

2024   **Tracey, P.** & Garcia, P. Intermediation: Algorithmic Prioritization in Practice in Homeless Services. *Proceedings of the ACM on Human-Computer Interaction, 3(CSCW)*.

2024   **Tracey, P.** & Garcia, P. After Automation: Homelessness Prioritization Algorithms and the Future of Care Labor. *Big Data & Society*.

2024   Doyle, C., Alvarez-Garcia, M., **Tracey, P.,** Grill, G., Whitney, C., & Chambers, M. Reparations of the Horse?: Algorithmic Reparations and Overspecialized Remedies. *Big Data & Society*.

2023   **Tracey, P.**, Garcia, P., & Punzalan, R. Recordkeeping, Logistics, And Translation: A Study Of Homeless Services Systems As Infrastructure. *Archival Science*.

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

2024   **Tracey, P.** & Zhang, B. Z. The Technopolitics of Waiting: Case Studies of AI Training in China and Homeless Services in the U.S. *Association of Internet Researchers (AoIR)* Annual Meeting.

2024   **Tracey, P.** Intermediation: Discretion and Care in the infrastructures of Homeless Services. *Society for the Social Studies of Science (4S)*.

2023   **Tracey, P.** Towards a Theory of Low-Tech Algorithms. *Society for the Social Studies of Science (4S)*.

2023   **Tracey, P.** Sorting like a State: Algorithmic Prioritization in Homeless Services. Doctoral colloquium extended abstract. *Association for Information Science and Technology (ASIST)* Annual Meeting.

2023   **Tracey, P.** Translation work: Recordkeeping and algorithms in the homeless services system. *Archival Education & Research Institute (AERI)*.

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. Archived in proceedings.

Manuscripts in Preparation

Tracey, P. Towards a theory of low-tech algorithms.

INVITED TALKS

2024   **Tracey, P.** Invited panelist. Ethnographic Stories in Information Science. *Association for Information Science and Technology (ASIS&T)* Annual Meeting. Calgary. Talk abstract archived in proceedings.

2024   **Tracey, P.,** Garcia, P. Invited speaker. Intermediation: Algorithms, Homelessness, and the Politics of Being In-Between. *STS Speaker series, University of Michigan.*

2024   **Tracey, P.,** Garcia, P. Invited speaker. Intermediation: Algorithms, Homelessness, and the Politics of Being In-Between. *University of Washington iSchool, Research Symposium series.*

2023   **Tracey, P.,** Ahmed, E. Examining the Relationship Between Murals and Philadelphia Property Values. *LEADING fellow poster session.*

2023   **Translation Work: Recordkeeping in the Homeless Services System.** *Monash University Records Continuum Research Group invited speaker.*

2021   **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 (ASIS&T)

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

Research Operations Lead, Center for Ethics, Society, and Computing, Ann Arbor, MI, 2023-Present
Analyst Graduate Intern, Government Accountability Office, Washington, DC, Spring 2024
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

2022 **Google Award for Inclusion Research Program** ($60,000)
Research lead supporting PI Patricia Garcia

2022 **LEADING Fellowship** ($7500)