Pelle Tracey

School of Information   Email: Ptracey@umich.edu

University of Michigan   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)*, in-press.

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*, in-press.

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   **Ethnographic Stories in Information Science.** *Association for Information Science and Technology (ASIST)* Annual Meeting. Calgary. Talk abstract archived in proceedings.

2024   **Intermediation: Algorithms, Homelessness, and the Politics of Being In-Between.** *STS Speaker series, University of Michigan.* Co-presented with Dr. Patricia Garcia.

2024   **Intermediation: Algorithms, Homelessness, and the Politics of Being In-Between.** *University of Washington iSchool, Research Symposium series*. Co-presented with Dr. Patricia Garcia.

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 (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

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)