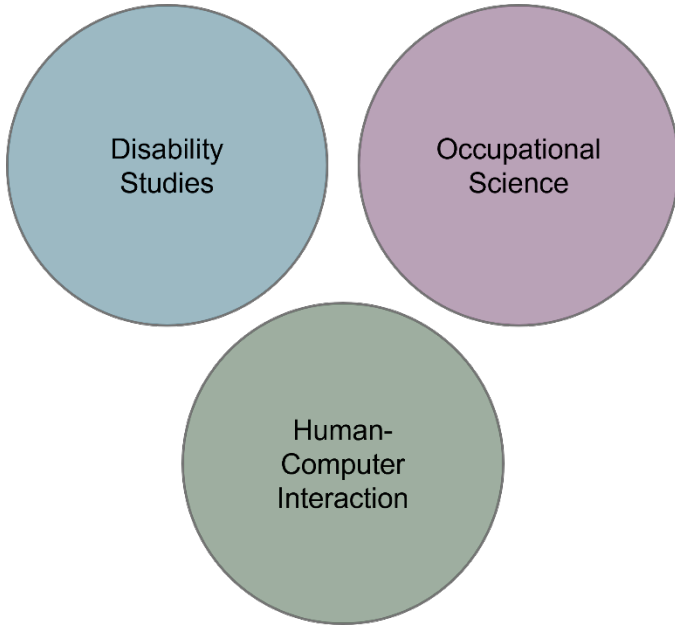


The value of occupational justice for socially responsible technology: An interdisciplinary exploration with the field of human-computer interaction

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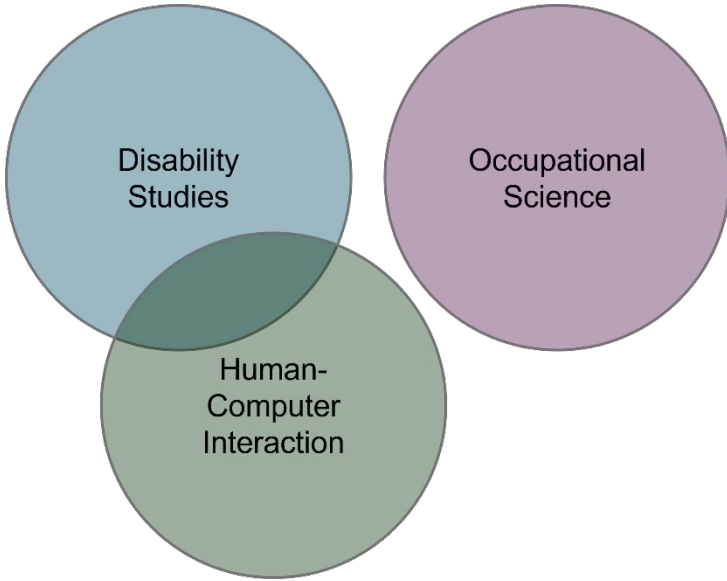


The Problematic: Technologies designed to be assistive can conversely be a barrier to engagement and perpetuate extant challenges.

Occupational research can respond to a need for technologies to:

- 1) Embrace individual difference
- 2) Consider multiple dimensions of human engagement

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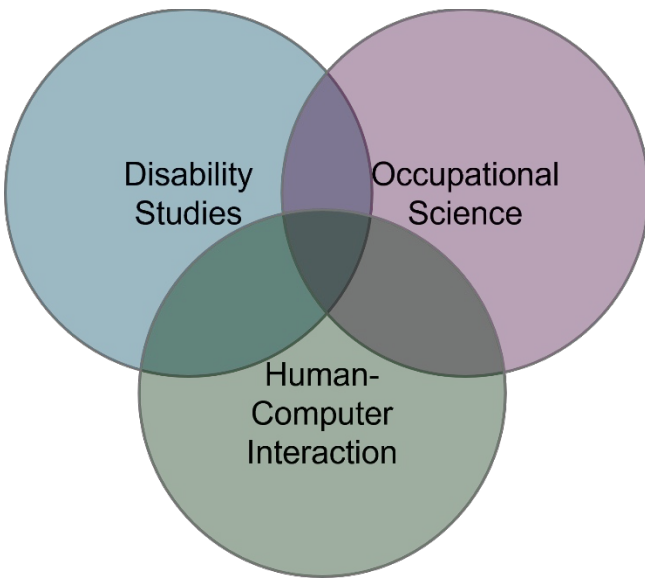


What Is Currently Being Done?

Disability studies (DS) scholars in the human-computer interaction (HCI) field have been integrating DS theories and design practices into research.

Key Approaches:

- Applying disability justice to collaborative design workshops
- Addressing underrepresentation in topics such as artificial intelligence (AI)
- Centering disabled experiences over interventionist motivations



What Can OS/OT Bring to The Table?

- Experts in human engagement as collaborators on transdisciplinary teams
- Specialized theories for understanding multiple dimensions of experience:
 - Transactionalism
- Approaches and frameworks geared toward a **transformative research lens**:
 - Participant-engaged methods to study daily occupations
 - Occupational justice (exploring accessibility to occupations)

Guiding Literature

1. Harrington CN, Desai A, Lewis A, Moharana S, Ross AS, Mankoff J. Working at the Intersection of Race, Disability and Accessibility. In: ASSETS 2023 - Proceedings of the 25th International ACM SIGACCESS Conference on Computers and Accessibility. ACM; 2023.
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3. Le L. "I Am Human, Just Like You": What Intersectional, Neurodivergent Lived Experiences Bring to Accessibility Research. In: ASSETS 2024 - Proceedings of the 26th International ACM SIGACCESS Conference on Computers and Accessibility. ACM; 2024.
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