

TRACKING SOCIAL DETERMINANTS OF HEALTH (SDOH) IN NEUROIMAGING ACROSS THE LIFESPAN

Agenda Highlights

1. Introduction

- What are SDoH and their critical role in shaping brain development and health outcomes.
- Why neuroscience must move beyond biological markers to include social context.

2. Current Landscape

- Presentations by team members on findings from reviews and practical experiences of SDoH tracking in neuroimaging research

3. Theoretical Framework

- Introduce Bourdieu's Theory of Social Space as a framework for measuring SDoH across four capitals (social, cultural, economic, symbolic).

4. Applied Examples

- Case studies from datasets across the lifespan:
 - Perinatal SDoH and early childhood brain development (Pregnancy during the Pandemic Cohort)
 - Childhood SDoH and brain development among youth with ADHD (Adolescent Brain Cognitive Development (ABCD) Study)
 - Lifetime SDoH among healthy adults and those with psychiatric conditions (Signature Biobank)

5. Guidance for Researchers:

- Launch of structured guidance documents and digital resources for integrating SDoH in neuroimaging pipelines.
- Interactive feedback session to identify barriers, facilitators, and opportunities for implementation.



HEALTHY BRAINS
HEALTHY LIVES