

**FACULTY MENTOR**

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**PROJECT TITLE**

Integrating Signals from On-Body and External Sensors to Predict Cognitive Aging

**PROJECT DESCRIPTION**

This project integrates unstructured data from accelerometers, video, audio, and mobility and fine motor tasks with serial clinical assessments in older adults, with a goal to identify signals or combinations of signals that may predict cognitive decline in community dwelling older adults

**INTERNS NEEDED**

2-3 with a preference for MS

**PREREQUISITES**

Experience in machine learning, signal processing, and software (Matlab; R) are highly preferred.