FACULTY MENTOR
Raeanne Moore, PhD

PROJECT TITLE
Mobile intervention to optimize social engagement

PROJECT DESCRIPTION
I would like to develop a mobile intervention to promote social engagement among older adults using peoples' existing social media involvement. Social isolation is a predictor of poor mental and physical health outcomes, so improving social functioning is critical to improve well-being among isolated older adults. Older adults are primarily on Facebook, so I'd like the focus to primarily be using Facebook. It would be cool if machine learning algorithms could be applied to identify changes in social behaviors on Facebook.

INTERNS NEEDED
We have physical lab space for approximately 2-3 students in my lab in Hillcrest. I also have collaborators on campus who may have temporary workspace the students could use if needed.

FACULTY MENTOR
Raeanne Moore, PhD

PROJECT TITLE
Alexia for Cognitive Rehabilitation

PROJECT DESCRIPTION
I'd like to create a cognitive rehabilitation program for cognitively impaired older adults using the Amazon Echo (or a similar device like Google Home). I envision having two-way communication - the person talks to the device to complete cognitive exercises, improve calendar usage, monitor daily routines (this aspect might need to be done more passively), etc., AND the device initiates tasks with the person.

INTERNS NEEDED
We have physical lab space for approximately 2-3 students in my lab in Hillcrest. I also have collaborators on campus who may have temporary workspace the students could use if needed.