FACULTY MENTOR
Mishra, Jyoti

PROJECT TITLE
Designing Haptic Feedback Control for Brain States

PROJECT DESCRIPTION
We are engineering algorithms in the lab that can parse brain states based on when humans are on-task vs. when they are likely to be distracted. We now want to design a closed-loop system that provides haptic feedback to the human when they are about to enter distracted states, so that they can learn to take corrective action, minimize distractibility and enhance productivity.

INTERNS NEEDED
1 BS student and 1 MS student

PREREQUISITES
Familiarity with MATLAB/Python/C/APIs for hardware control