

YWISE program abstract

Faculty Mentor: Chandramallika Basak, Ph.D.

Graduate Student Mentor: Shuo Qin, M.S.

Affiliation:

Center for Vital Longevity

School of Behavioral and Brain Sciences

University of Texas at Dallas

Project Title: Developing Computerized Cognitive Games

Abstract:

The academic year project in Dr. Basak's lab would focus on development of one or more varieties of virtual cognitive games. These games should be theory driven from the field of cognitive psychology, such as memory, multi-tasking, inhibition, etc. The students will code in either E-Prime or Unity to develop the games in the PI's lab, document the game, and test the feasibility of using the games in human participants.