Faculty member or graduate student
Dr. Thomas S. Redick
Purdue Applied Cognition Laboratory (PacLab)
http://web.ics.purdue.edu/~tredick/

Description of research area
Our lab is involved in several research projects focused on understanding the role of working memory and cognitive control as predictors of behavior. In addition, we use working memory and cognitive control measures as indices of cognitive functioning in different applied contexts. Below are a few current research topics:

- Studies on multitasking (How to predict multitasking, Individual differences in multitasking, Different types of multitasking)
- Studies on improving cognition through brief cognitive training (Evaluating the claims of commercialized tests and websites, Whether or not the training "works", Examining what cognitive processes improve via training)
- Studies on cognitive performance after concussions (Use of tests to make decisions on when athletes and military personnel are safe to return to the field, Aspects of cognition that are affected by concussion)

Description of undergraduate participation
Students will be involved in all phases of research, including designing experiments, testing participants, analyzing data, and presentations and publications of study results. Students will also participate in regularly scheduled lab meetings and discussions of readings on relevant cognitive psychology topics.

Research setting
The PacLab is located on the third floor in the Psychology Building.

Number of assistants needed
3-5 students. If you are interested in joining our laboratory, please contact Dr. Redick at the email address below.

Contact information
Email: tredick@purdue.edu

Additional comments