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Randall Engle  
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)  
Georgia Institute of Technology  
School of Psychology/GTRC  
Atlanta, GA 30332-0170  
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13. ABSTRACT (Maximum 200 words)  
This grant funded three graduate students and 11 undergraduates over the three year period. The students were actively involved in  
research on the relationship between working memory and sustained and focused attention. That work has resulted in numerous  
publications and conference presentations demonstrating that "individuals who score in the bottom quartile on measures of working  
memory capacity show more errors and/or are slower in the Stroop task than high WM individuals. Further, low WM individuals are  
impared on the antisaccade task, suffer greater levels of proactive interference, show greater distraction from irrelevant tones in a  
delayed tone-matching task and have difficulty flexibly allocating their attention in a visual attention task.  

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The general objectives of the grant were to hire graduate and undergraduate students to do work associated with grant F49620-97-1-0041. Over the three year, three graduate students and 11 undergraduates were supported at some level by the grant. Those experiments and the results are described fully in the final technical report for that grant. The combination of the two grants was incredibly successful in producing publishable scholarship AND fostering the education of a large number of students. The status of the students, if known, is reported beside their name.

Individuals on the grant:

Kate Bleckley, Graduate Student – Has finished and has a tenure track position at Texas Tech.
David Zachery Hambrick, Graduate Student, now has a tenure track position at Michigan State University.
Tabitha Payne, Graduate student, making good progress toward Ph.D.
Jeremy Reynolds, Undergraduate Student, now a graduate student at Washington University
Tim Marriott, Undergraduate Student, employed by local software company
Nicole Kryzyniak, Undergraduate Student, employed by local consulting company
Michael Peterman, Undergraduate Student, now a graduate student at University of North Carolina/
Jordon Gray, High School and then Undergraduate Student, still an undergrad
Wesley Schiel, Undergraduate Student, currently employed by local computer company
Russell Smith, Undergraduate Student, will finish this year and is planning graduate school.
Courtney Lessel, Undergraduate Student, now employed by Dell Computer.
June Cai, Undergraduate Student
Kristi Watson, Undergraduate Student
Cathrine Jamal, Undergraduate Student