Apr 13th, 1:30 PM - 2:30 PM

Prospective Memory Deficits in Frontal Lobe Patients

Michael E. Antholine
Illinois Wesleyan University

Johnna K. Shapiro, Faculty Advisor
Illinois Wesleyan University

Follow this and additional works at: http://digitalcommons.iwu.edu/jwprc

Antholine, Michael E. and Shapiro, Faculty Advisor, Johnna K., "Prospective Memory Deficits in Frontal Lobe Patients" (1996). John Wesley Powell Student Research Conference. 18.
http://digitalcommons.iwu.edu/jwprc/1996/posters/18

This Event is brought to you for free and open access by The Ames Library, the Andrew W. Mellon Center for Curricular and Faculty Development, the Office of the Provost and the Office of the President. It has been accepted for inclusion in Digital Commons @ IWU by the faculty at Illinois Wesleyan University. For more information, please contact digitalcommons@iwu.edu. ©Copyright is owned by the author of this document.
In the field of memory research, psychologists have recently indicated a distinct form of memory labeled prospective memory, the ability to remember to perform actions in the future. The role of attention and external cues have been implicated as determining factors in whether an individual remembers to perform an action. Many studies have focused on factors such as how the use of external cues facilitate recall, but relatively few have investigated a neurological basis for these errors in remembering. The present study attempted to investigate a possible role for the frontal lobes (and their association with attentional processes) in prospective memory errors. Frontal lobe patients, older adults, and undergraduates were asked to complete two computer-based, prospective memory tasks. The results of this research will be presented, as well as implications of this research for prevention of and therapy for prospective memory problems.