

DRIVEN TO DISTRACTION: Dual-Task Studies of Simulated Driving and Conversing on a Cellular Telephone

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Abstract— The present study investigated the effects of concurrent cellular telephone use on simulated driving performance. Participants were assigned to three conditions: (1) no cellular telephone use, (2) cellular telephone use while driving, and (3) cellular telephone use while driving and talking. Results showed that performance was significantly worse in the dual-task conditions compared to the single-task condition. The results suggest that concurrent cellular telephone use while driving is a significant source of distraction and can lead to impaired driving performance.



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