

**Title of Study:** Improving Performance in Drivers with Mild Cognitive Impairment: A Randomized Controlled Trial of Cognitive Training

**Location:** Ontario

**Study Description:**

The purpose of our study is to test different training approaches in order to learn how to best treat people with memory problems, and improve their driving and thinking. All data collected in the study, including the driving simulator results, will be kept strictly confidential for the exclusive use of the research team. The knowledge that is gained will contribute to the future care and treatment of patients with similar problems.

**What will happen during the study?** If you are interested and eligible for the study, you will be asked to participate in an initial 2.5 hour assessment involving questionnaires, paper pencil tasks to assess memory, and a short medical history interview. The study involves a nine week training program with weekly 2-hour sessions conducted at Baycrest Health science and weekly computer assignments that can be completed at home. Additional 2.5 hour assessments that include testing on a driving simulator will be done just before starting the training program, just after finishing the training program, and 6 months after completing the training program.

**Eligibility: Who Can Participate?**

- Individuals diagnosed with Mild Cognitive Impairment (MCI)
- Fluent in English
- 55 years of age or older
- 8th grade education or higher
- Currently driving and have had driver's license for at least 2 years OR have voluntarily stopped driving with the past 2 years

**Exclusion criteria:**

- History of alcohol/substance abuse
- Stroke
- Parkinson's disease
- Multiple Sclerosis
- Active psychiatric illness
- Traumatic brain injury
- Seizures within past 2 years

**Recruitment Start Date:** 2017/03/22

**Recruitment End Date:** 2018/03/31

**Contact Information:**

Name: Alissa Papadopoulos

Title/Position: Research Assistant

Affiliated Institution: Baycrest Health Sciences

Email: [apapadopoulos@research.baycrest.org](mailto:apapadopoulos@research.baycrest.org)

Phone: 416-785-2500 ext. 3104