The research produced by YU-CARE members and associates* along the theme of the cognitive neuroscience of aging are impactful at the individual, organizational, and societal levels. Research spans from topics including:

- Attention ................................................................. Error! Bookmark not defined.
- Motor Coordination..........................................................3
- Executive functioning........................................................4
  Bilingualism and aging........................................................5
- Learning ........................................................................6
- Memory ........................................................................7
- Perception .......................................................................9
- Cognitive therapies and treatments ....................................10

*Authors shown in bold indicate a YU-CARE committee or associate member.

Please click the hyperlink (content highlighted and underlined in blue) at each citation to find each article or abstract.

For more information or trouble accessing links, please contact the YU-CARE Coordinator at yu_care@yorku.ca.
THEME 3: THE COGNITIVE NEUROSCIENCE OF AGING

Among several topics, studies investigate memory changes; motor coordination; perception; attention; learning; and executive function among older adults. Related research explores different cognitive therapies and treatments.

3.1 ATTENTION


3.2 MOTOR COORDINATION


3.3 EXECUTIVE FUNCTIONING


3.3.1 Bilingualism & Aging

1. Berkes M, Bialystok E, Craik FIM, Troyer A, Freedman M. Conversion of Mild Cognitive Impairment to Alzheimer Disease in Monolingual and Bilingual Patients. Alzheimer Disease and Associated Disorders. PMID 32049674 DOI: 10.1097/WAD.0000000000000373

2. Bialystok E, Dey A, Sullivan MD, Sommers MS. Using the DRM paradigm to assess language processing in monolinguals and bilinguals. Memory & Cognition. PMID 31975029 DOI: 10.3758/s13421-020-01016-6


3.4 Learning


### 3.5 Memory


### 3.6 PERCEPTION


### 3.7 COGNITIVE THERAPIES AND TREATMENTS


4. 


