



## Anthony J. Levinson, MD, FRCP(C), MSc, MA



**HEALTH SCIENCES**  
Psychiatry & Behavioural  
Neurosciences

### Research Work

Within our Division of e-Learning Innovation, we design, develop, implement, and evaluate/research/study technology-enhanced learning interventions with a variety of target audiences including: undergraduate medical students (pre-clerkship and clerkship), residents, continuing medical education/continuing professional development, patient education, and informal family caregivers/general public.

The main goal of our research program is to try and address the following questions:

- 1) What are the most effective ways to design, develop, implement and evaluate/research technology-enhanced learning interventions?
- 2) How is technology-enhanced learning best combined with traditional methods, in a blended-learning approach, to optimize knowledge transfer and performance improvement?
- 3) How can technology-enhanced learning interventions enhance competency-based medical education for both undergraduate medical education, residency education, and online continuing professional development/continuing medical education?

### Engagement Opportunities

#### Introductory Level

- Assist with qualitative research doing content analysis and thematic coding of survey responses (20 hrs)
- Assist with authoring or editing of assessment questions (e.g. multiple choice questions) (40 hrs)
- Assist with lit review for narrative reviews (20 hrs)
- Full-text screening of research articles (20 hrs)
- Assist with abstract, poster or presentation preparation (25 hrs)
- Assist with intervention design or usability testing (25 hrs)

#### Intermediate Level

- Assist with administering research/clinical interviews (60 hrs)
- Write a section of a paper (50 hrs)
- Assist with authoring e-learning content (100 hrs)
- Reviewing and enhancing current instructional content (50 hrs)
- Authoring, reviewing or enhancing patient/public educational materials (50 hrs)
- Contribute substantively to abstract, poster or presentation preparation (50 hrs)
- Contribute substantively to intervention design or usability testing/evaluation (50 hrs)

#### Advanced Level

- Analyze data set (50 hrs)
- Perform secondary data analysis and write manuscript (100 hrs)
- Complete narrative literature review and write up (100 hrs)
- Writing a manuscript (100 hrs)
- Be primary author on an abstract, poster or a presentation submission (75 hrs)
- Lead an intervention design, test, or evaluate project (100 hrs)

*If you are interested in learning more, please leave your contact information with the Research Office and/or contact Anthony Levinson (lenvinsa@mcmaster.ca).*