



# Hospital Partner Reports 2020-21

## Ontario Shores

*Submitted by Dr. Amer M. Burhan, Physician-in-Chief and Endowed Research Chair for Applied Mental Health at Ontario Shores*

Ontario Shores continues to lead in the areas of quality standard implementation, fully integrated electronic medical records, and advanced analytics informing care. Medical trainees (students, residents and fellows) continue to have an excellent opportunity for training in unique areas of complex mental health care (e.g. dual diagnosis, eating disorders, sub-specialty in Child and Adolescent, Geriatric and Forensic Psychiatry). In October of 2020, Dr. Amer Burhan was selected as the Physician-in-Chief and Endowed Research Chair for applied mental health. Building on the existing success, Ontario Shores joined several leading edge, multi-site, peer-funded interventional clinical trials were started in the field of neuropsychiatry of dementia and therapeutic brain intervention. A unique area of work being developed include validating biometric signature of emotional distress in dementia and other mental illnesses using multi-modal wearable devices and deep learning, and using advanced analytic paradigms to identify predictors of treatment response and resistance in depression and psychosis. Ontario Shores also recruited research chairs in artificial intelligence and in population health to enable further integration of the hospital mandate to innovation and knowledge translation. We are confident that our site will continue to be support the clinical-academic mission of the Department of Psychiatry at University of Toronto at the highest level.

