

2014



Glenrose Rehabilitation Hospital

CLINICAL RESEARCH GRANT RECIPIENTS

Principal Investigator: Dr. Esther Kim, Faculty of Rehabilitation Medicine, Communication Sciences & Disorders, UA

Co-Applicants: Dr. Mathew Prowse, GRH; Dr. Albert Vette, Faculty of Engineering, UA; Dr. Lauren Beaupre, Faculty of Rehabilitation Medicine, UA; Justin Lewicke, Rehabilitation Research & Innovation, GRH; Anelise Silveira, Faculty of Rehabilitation Medicine, UA

Study Title: *Enhancing Neural Plasticity in Aphasia: A Pilot Study Examining Non-Invasive Brain Stimulation and Treatment Intensity*

Principal Investigator: Dr. Lonnie Zwaigenbaum, Autism Research Centre, GRH

Co-Applicants: Dr. Joyce Magill-Evans, Faculty of Rehabilitation Medicine, UA; Tamara Germani, Occupational Therapy, GRH; Jordana Hildebrandt, Psychology – Autism Research Centre, GRH

Study Title: *Development of the Autism Social Participation Classification System (ASPCS) for Preschool Children with Autism Spectrum Disorder*

Principal Investigator: Dr. Trish Manns, Faculty of Rehabilitation Medicine, UA

Co-Applicants: Alyson Kwok, Physical Therapy, GRH; Neera Garga, Physical Therapy, GRH; Victor Ezeigwu, Physical Therapy, GRH

Study Title: *The Feasibility of a Home-Based Transition Intervention to Reduce Sedentary Behaviour and Improve Function Within the First Six Months After Stroke*

Principal Investigator: Doug Hill, Rehabilitation Research & Innovation, GRH

Co-Applicants: Dr. Edmond Lou, Rehabilitation Research & Innovation, GRH; Dr. Douglas Hedden, Faculty of Medicine & Dentistry, UA; Dr. Marc Moreau, Faculty of Medicine & Dentistry, UA; Andreas Donauer, Prosthetics/Orthotics, GRH

Study Title: *A New Spinal Orthosis Design Concept for the Treatment of Adolescent Idiopathic Scoliosis (AIS)*

Principal Investigator: Dr. Florencia Ricci, Pediatrics, GRH

Co-Applicants: Dr. Charlene Robertson, Pediatrics, GRH; Dr. John Andersen, Pediatrics, GRH; Dr. Irina Dinu, School of Public Health, UA/Pediatrics, GRH; Dr. Ari Joffe, Faculty of Medicine & Dentistry, UA; Dr. G.G. Guerra, Pediatrics, Stollery Children's Hospital

Study Title: *Understanding the Child with Major Neuromotor Disability Following Early Complex Cardiac Surgery*

Principal Investigator: Dr. Ming Chan, Faculty of Medicine & Dentistry, UA

Study Title: *A Novel Electrodiagnostic Method to Quantify the Severity of Diabetic Polyneuropathy*

Principal Investigator: Dr. Kim Adams, Faculty of Rehabilitation Medicine, UA/I CAN Centre for Assistive Technology-GRH

Co-Applicants: River Wilson, Communication Disorders, GRH; Averill Tate, Communication Disorders, GRH; Bruce Helmbold, Communication Disorders, GRH; Chandra Round, Community Member

Study Title: *Building an Effective Mentoring Program for Adolescents and Young Adults Who Use Augmentative and Alternative Communication*