

## CREATOR REBEL PIONEER EXPLORER TRAILBLAZER INNOVATOR VISIONARY

## Major External Research Grants

## Natural Sciences and Engineering Research Council (NSERC)

**Launa Leboe-McGowan** (Psychology), Discovery Grant – Individual, “Top-down cross-modal influences on simple perceptual tasks”.

**Murray Singer** (Psychology), Discovery Grant Individual, “Language and memory: Comprehending and remembering discourse”.

## Association of Universities &amp; Colleges of Canada (AUCC)

**Susan Frohlick** (Anthropology), Canada-Latin America and the Caribbean Research Exchange Grants Program, “Barriers to sexual healthcare in a resource poor tourist area in Atlantic Costa Rica”

## Canadian Institutes of Health Research (CIHR)

**Julia Witt** (Economics), Regional partnership program, “Measuring physicians’ preferences regarding work and life in rural and remote regions for recruitment and retention policies”

**Joseph Pear** (Psychology), **C.T. (Dickie) Yu** (Psychology), Strategic initiative - Operating grant: Knowledge to action, “Beyond synthesis: Using computer-aided personalized system of instruction to promote knowledge acquisition and uptake”

## Canadian Association of University Teachers

**Brenda Austin-Smith** (English, Film, and Theatre), Operating fund, “Affect in fiction and film: Histories and images”

## Canadian Public Policy Research Grant

**Wayne Simpson** (Economics), “Analysis of the research of Canadian academic economists via publicly available website material”

## Children’s Hospital Foundation of Manitoba Inc. - Manitoba Institute of Child Health (MICH) Small Grant

**Tammy Ivanco** (Psychology), “Plasticity in mouse models of autism”

## Manitoba Health Research Council Establishment

**Francisco Virues Ortega** (Psychology), “Neural, behavioural and emotional effects of ABA treatment in children with developmental disabilities”

## Manitoba Health Research Council Operating

**Julia Witt** (Economics), “Measuring physicians’ preferences regarding work and life in rural and remote regions for recruitment and retention policies”

## Province of Manitoba - Manitoba Centres of Excellence Fund

**Rick Linden** (Sociology), “Anti-social behavior and the automobile: Understanding and preventing automobile-linked crime in Canada”

## SSHRC Public outreach - Dissemination

**Esyllt Jones** (History), “The people’s citizenship guide project”

## SSHRC Aid to Scholarly Journals

**Dawne McCance** (Religion) “Quarterly publication of Mosaic, a journal for the interdisciplinary study of literature”

## SSHRC Partnership Development

**Arlene Young** (English, Film, and Theatre), **Jason Leboe-McGowan** (Psychology), **Brenda Austin-Smith** (English, Film, and Theatre) “The affect project: Memory, aesthetics, and ethics”

## SSHRC Partnership

**Haskel Greenfield** (Anthropology), **and colleagues** “Nature of early urban neighbourhoods in the Southern Levant: Early bronze age at Tell es-Fafi”



*Students in Jonathan Marotta’s lab track movements and brain activity.*

## Understanding how the brain, eyes and hand work together

To study how vision is used to control the movements of the hand and arm, **Jonathan Marotta** uses specialized motion tracking systems to reconstruct the movements of an individual’s fingers, hand, arm and eyes during a reach. Comparing the performance of intact individuals, and patients with damage to particular regions of the brain, provides important insights into how information from the visual system and other sensory systems is used to control this important human behaviour. Marotta also uses functional magnetic resonance imaging (fMRI) to study areas of the brain that play a role in the visual control of grasping, arm and eye-movements.