

CCHSA Faculty received the Department of Medicine Research competition awards

As announced on December 19, 2016 by the Chair of the Department of Medicine Research Committee, University of Saskatchewan, 10 awards were granted to 10 high quality research proposals. This was an extremely competitive process and highlights some of the excellent research being conducted in the Department of Medicine. There are 3 faculty from the CCHSA who made it through a thorough review process:

1. Dr. Joshua Lawson



Project title: An investigation of lung health and atopy among children in agricultural settings.

2. Dr. Catherine Trask



Project title: Participatory Ergonomic Evaluation of Bovine Veterinary Practice: Towards Developing Safety Interventions

Vets have high rates of musculoskeletal disorders (MSD), and they can have a big impact on vet's quality of life, productivity, and career longevity. Although it is often assumed that MSD is related to large animal tasks like rectal exams, there are no known ergonomic assessments or intervention evaluations for these tasks. To address this gap, this study will assess the scope of musculoskeletal disorders and frequency of rectal examination performance among large animal practitioners, and apply objective ergonomic assessment methods to describe upper limb exposures during common large animal vet tasks.

See more on the study [website](#).

3. Dr. George Katselis



Project title: Use of Proteomics as a Diagnostic and Prognostic Tool for Chronic Low Back Pain (CLBP)

The specific objectives for this pilot study are: 1) to use mass spectrometry-based proteomics to identify, characterize, and validate blood protein profiles in people with CLBP; 2) to compare blood protein marker profiles between people with CLBP and a sample of healthy volunteers to determine if they can predict CLBP diagnosis.

Congratulations to our above excellent Faculty who contribute to the research activities at the Department of Medicine and the CCHSA.