This report summarizes my research related activities from 25/6/2019 to 15/7/2019*, made possible by the FSE Staff travel grant. **Goals of the grant were either met or exceeded** as presented below (per itinerary).

**University of Alberta (UoA)**
I was invited by Professor Gregory Kawchuk to attend UoA in Edmonton, Alberta. During the visit, I **delivered a 1-hour lecture and 20-minute round table discussion** regarding my research relating to advances in screening for pathology in patients with low back pain (LBP). The audience comprised Head of School of Rehabilitation Medicine, staff, Masters students, and ECRs. The lecture was well received, with invitation by the research Chair of the World Federation of Chiropractic to **develop the presentation into a workshop at the next WFC Congress** (2021, Tokyo, Japan). Additional activities included **co-writing a manuscript** with Prof Kawchuk, and discussion of options to progress a recently graduated MRes student (co-supervised) towards PhD.

**XVIth International Forum for Back and Neck Pain Research in Primary Care (The Forum)**
The Forum is the leading scientific multi-disciplinary conference for advancing diagnosis and management of spinal pain, held in Québec City, Québec. My abstract was accepted for platform presentation titled “Development and testing of an electronic clinical decision support system for the management of low back pain in community pharmacy”. For this presentation I **was awarded the prize “IRSST Grant: Student – Oral Presentation”** (Appendix 1). This was one of only two awards presented for platform presentations at the conference. Additional activities included a **poster presentation** (co-authored with Hazel Jenkins) and opportunity to engage with leading researchers in the field, with a view to **planning my post-doctoral research at MQU**.

**Canadian Memorial Chiropractic College (CMCC)**
I was invited by A/Professor Sam Howarth to attend CMCC in Toronto, Ontario. During the visit, I **presented one lecture and one workshop** for Faculty, ECRs and clinical interns based on my research in screening for pathology in patients with LBP. Both presentations were well received. Additional activities included participating in **research for measurement of forces applied by manual therapists to manage spinal pain**. The Department of Chiropractic was **invited to be a member of a Force Sensing Table Technology® consortium**, which will conduct research across 12 institutions internationally who possess the technology developed by CMCC. In addition, I participated in development of a research protocol in the biomechanics laboratory which seeks to model biomechanics of the human pelvis in response to changes in leg length. This project is part of an MRes candidature currently underway at MQU.

I thank both the Faculty of Science and Engineering and The Department of Chiropractic for the opportunity to travel and contribute to impactful research aligned to the Strategic Research Framework 2015-2024.

*My homeward flight (Air Canada Flight AC0033) was re-routed to Honolulu due to passenger injuries caused by severe turbulence. As a result, my journey was extended by 2 days. I was not physically injured. I submitted a ROAR upon return.*

Email the completed report to Meredith Lowe (meredith.lowe@mq.edu.au), FSE Operations Manager
Appendix 1. Platform presentation awarded:

IRSST Grant: Student – Oral Presentation

*Development and testing of an electronic clinical decision support system for the management of low back pain in community pharmacy*