

# **Bone and Joint Health Strategic Clinical Network Research Strategic Plan- 2014/15**

## Members of the Alberta Bone and Joint Health Research Advisory Committee:

- Dr. Linda Woodhouse, Scientific Director, Bone and Joint Health Strategic Clinical Network
- Dr. Leah Phillips, Assistant Scientific Director, Bone and Joint Health Strategic Clinical Network
- Dr. Greg Kawchuk, Professor, University of Alberta
- Dr. Deborah Marshall, Professor, University of Calgary
- Dr. Nigel Shrive, Professor, University of Calgary
- Dr. David Hart, Professor, University of Calgary
- Dr. Carolyn Emery, Professor, University of Calgary
- Ms. Tracy Wasylak, Alberta Health Services
- Mr. Mel Slomp, Alberta Health Services

## Message from the Provincial Bone and Joint Health Provincial Research Advisory Council (PRAC)

The members of the Alberta Bone and Joint Health Strategic Clinical Network's (BJH SCN) Provincial Research Advisory Council (PRAC) are pleased to present the 2014/15 (Submitted October 2014- to be reviewed and updated October 2015) research strategic plan. This document will provide a foundation for the next fiscal year and lay the ground work for the development of a strategic 3 and 5 year research plan.

The role of the BJH SCN Provincial Research Advisory Committee (PRAC) is to provide bi-directional consultation and communication with pan-provincial researchers and the BJH SCN. The PRAC is responsible for providing consultation regarding research priorities and research innovation to the Bone and Joint Health SCN and communicating with university based researchers about potential research opportunities within the BJH SCN. To fulfill this responsibility the PRAC recommends prioritizing; building research capacity, enhancing research engagement, and knowledge translation and patient and provider education. The following strategic plan suggests strategies to carry out these priorities and parameters for measuring and evaluating the impact of research conducted in partnership with the BJH SCN. The PRAC will endeavour to liaise with other research organizations and community stakeholders for the purposes of fostering collaboration on bone and joint research and quality initiatives aimed at enhancing the continuum of evidence-based care and continue to coordinate and promote collaborative, translational research (from bench to bedside to community and back again) in the BJH SCN.

## Executive Summary

- The Bone and Joint Health Strategic Clinical Network endorsed the creation of the BJH SCN Provincial Research Advisory Committee (PRAC). Inaugural meeting: June 2014
- The Alberta Bone and Joint Health Strategic Clinical Networks is founded on the Institute of Health Improvement's Triple Aim framework; (1) improve the health of the population, (2) enhance patient experience (quality, access, and reliability) and (3) decrease care costs.
- The PRAC's role will be to provide bi-directional communication between the Alberta BJH research community and the BJH SCN, this will include; consultation on research activities and recommendations for innovative bone and joint health research.
- The PRAC will act as a mechanism to enhance engagement and build capacity for the BJH SCN's research activities
- The PRAC recommends three research priority areas:
  - 1. Health System Management**
    - Research to improve wait times, referral systems and use of innovative health technology in BJH surgery
    - Studies of the utilization of central intake and multidisciplinary team care
    - Health systems research on operational management and economic evaluations.
  - 2. Prevention research in the following area:**
    - Osteoarthritis
    - Osteoporosis
    - Pain
    - Injury prevention (acute knee injuries)
    - Rheumatology
  - 3. Knowledge Translation and Public Education**
    - Public education about relevant bone and joint Health issues
    - Provider education on diagnostic and surgical appropriateness.