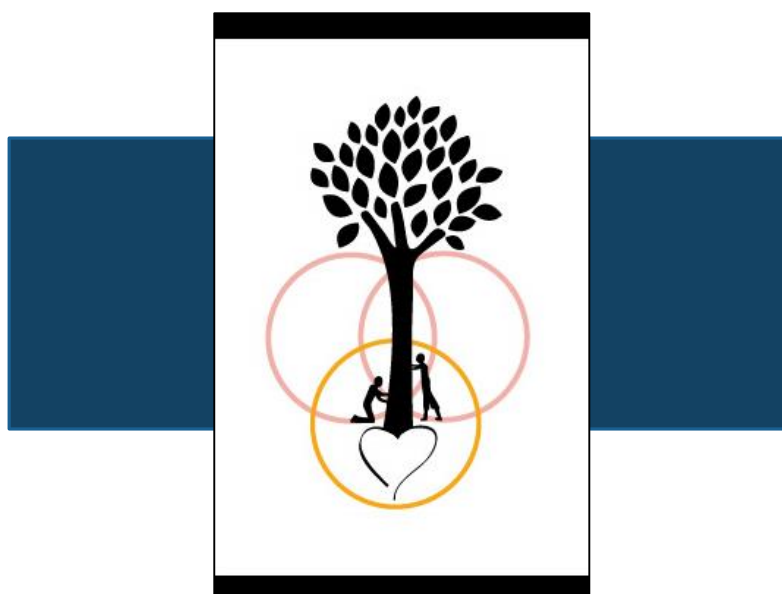
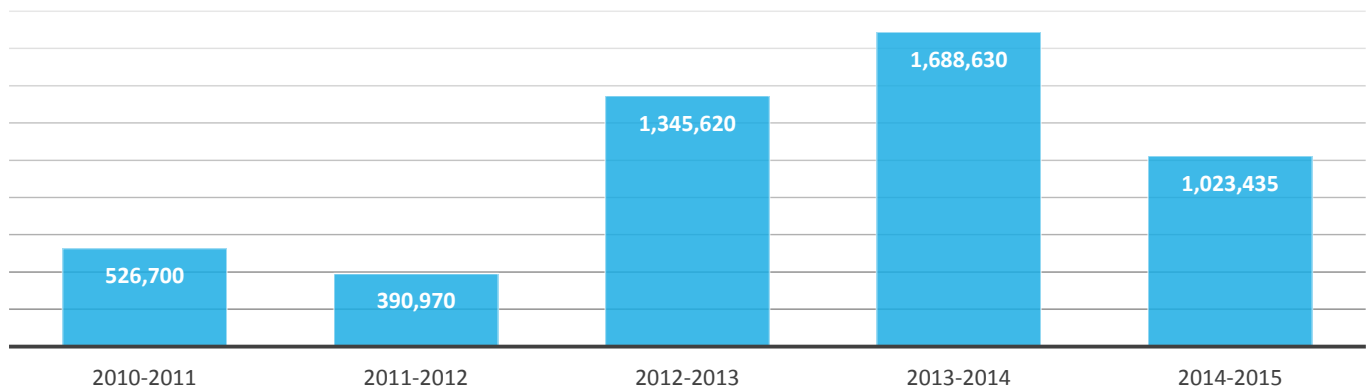


**Faculty of Health Sciences
RESEARCH SUMMARY
2015**



GRANTS AND FUNDING

Figure 1: External Funding



In total, FHSc tenure and tenure-track faculty applied for 49 external grants (16 Tri-Council). So far, 12 have been accepted with more announcements coming in the new year.

The FHSc Welcomes a New Dean – Lori Livingston, PhD

Dr. Livingston comes to us from Lakehead University where she served as Dean of the Faculty of Health and Behavioural Sciences and full professor in the School of Kinesiology. From early on in her career, Lori established two lines of research inquiry: (1) clinical biomechanics and injury prevention, and (2) sports officiating and coaching. Most recently, Lori's work has been primarily focused on understanding the factors that contribute to retention and attrition in amateur sport officiating. In 2015, Lori was invited to contribute three biomechanics chapters to the new Grade 12 Kinesiology textbook for Ontario high school students. Dr. Livingston offers the FHSc a diverse and high-quality résumé in the areas of research, teaching, and service. Welcome, Lori!

UOIT-CMCC Centre for Disability Prevention and Rehabilitation (CDPR)

Developing clinical practice guidelines for improved accident insurance policy: Having generated over 1.2 million dollars in funding, the *CDPR's* research systematically reviews and synthesizes the vast literature on clinical practices designed to rehabilitate and alleviate the suffering of accident victims through advancing the evidence-based quality of practice guidelines. In addition to disseminating state-of-the-art knowledge through over 70 publications and presentations, the *CDPR* consults directly with the Ministry of Finance to inform its policies and practices in relation to accident insurance and traffic guidelines. The *CDPR's* reach extended globally to influence the adoption of a resolution endorsing a global disability action plan at the 67th World Health Organization Assembly.

University Student Mental health Assessment Research Team (U-SMART)

Understanding the determinants and outcomes of the university student mental health experience: This team seeks to study the causes and consequences of mental health issues toward the development of more effective strategies and practices aimed at prevention and management. The larger aim of the team is to improve student resilience, academic performance, and overall quality of life.

PUBLICATIONS AND CONFERENCE PRESENTATIONS

Figure 2: Authorship - Peer Reviewed, Chapters

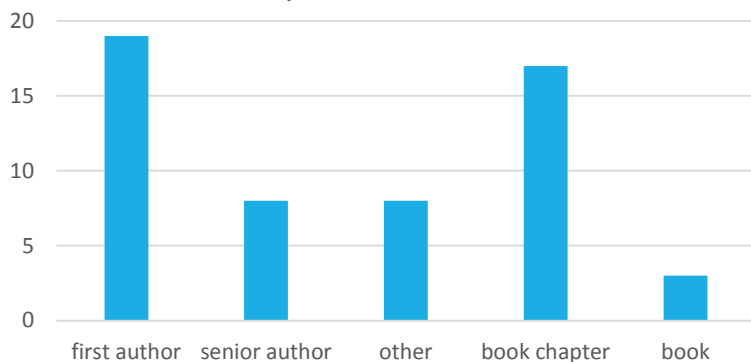
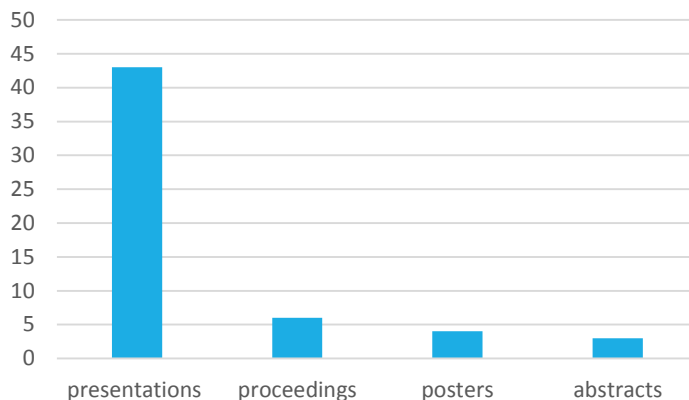


Figure 3: Conference Contributions



FHSc tenure and tenure-track faculty were *first* (sole or first) or *senior* (article published under a faculty member's supervision) authors on 27 refereed manuscripts, and contributed in various ways to 28 articles, books and book chapters.

RESEARCH PARTNERSHIPS

Our partners serve to enrich the FHSc research culture by contributing in myriad ways to faculty research. Moreover, they facilitate undergraduate and graduate research through practicum programs and graduate thesis development.

- **Fourth-year Research Practicum Students and “Poster Day”:** Fourth-year practicum students undertake a variety of research projects with faculty members and community partners, culminating in a “Poster Day” conference where they show the results of their research activities.
- **Fifth Annual Research Retreat:** The FHSc held its 5th Annual Strategic Research Retreat, *Transcending our Disciplinary Silos*, in which faculty and partners partook in a successful collaborative endeavor. We look forward to our next research retreat in early May.

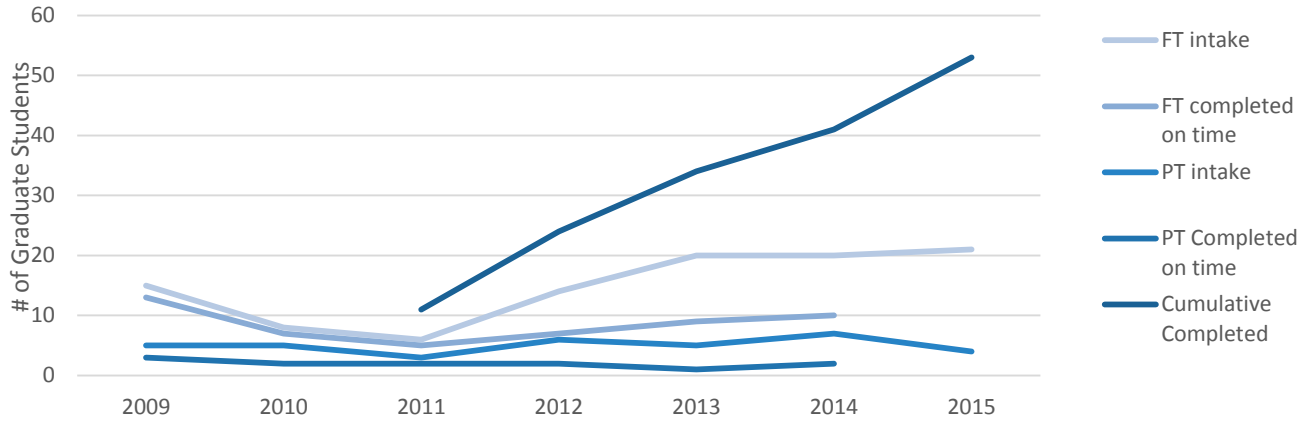
“LOOKING UPSTREAM” to RAISE HEALTH AWARENESS

Health involves more than accessing quality *health care* when one becomes sick. Myriad environmental and social conditions make people sick or foster their health and well-being. FHSc research contributes to elevating broad awareness of conditions that affect health and wellness. For instance:

- **Articulating the Mental Health of First Nations** - Raising awareness and engaging opportunities to support mental health equity through photo voice
- **Making knowledge accessible for new parents** – Educating new parents on best practices in infant feeding. New source for the Aboriginal community included: <http://breastfeedinginfoforparents.ca/>
- **Expanding the network to advance cardiac resuscitation research and practice** – The development of the “Durham Region Resuscitation Research Collaborative” seeks to improve outcomes and reduce incidence of sudden cardiac arrest
- **Expanding the Adoption of Narrative Inquiry** – Methodological stewardship for the graduate student community
- **Serious Gaming** – harnessing technology for positive physical health impacts

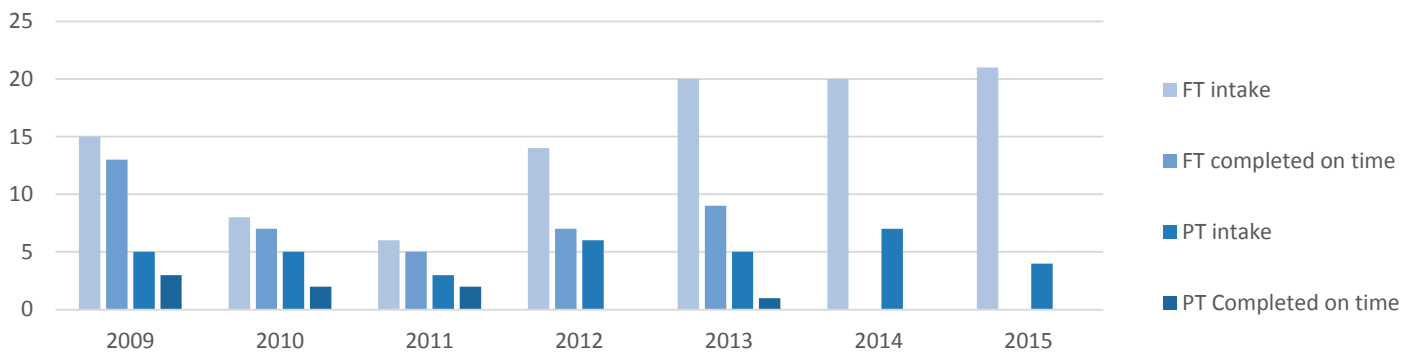
GRADUATE TRAINING

Figure 4: Faculty of Health Sciences Graduate student numbers



Since its launch in the Fall of 2009, the Master of Health Sciences program has admitted 140 graduate students – 104 full-time and 36 part-time (Fall, 2015 inclusive). As of August, 2014, 41 students have completed the program.

Figure 5: Faculty of Health Sciences Graduate completion rate



Over 25% of graduates have moved on to PhD programs and others have found work in health-related areas and agencies.

FOSTERING OUR GRADUATE RESEARCH CULTURE

Seminar series – The FHSc organized a biweekly seminar series that fostered the sharing of diverse Health Science research programs. In addition to faculty members and graduate students, external speakers have come from Queen’s University, the Abilities Centre, Ontario Shores, the University of Waterloo, and the African Centre for Innovation and Leadership Development.

Elevator-speech event – Prior to the University-wide “Three-minute thesis” (3MT) competition, a comparable “elevator speech event” is held for graduate students to present a summary of their thesis work. This year, 10 students participated; 7 went on to compete in the University 3MT event; 4 reached the final stage; and it was a FHSc graduate student who went on to provincials. The event both raised awareness of each other’s research activities and enabled students to hone their presentation skills.

Celebrating success!!! We hosted our fifth annual *Graduate Student Gala* to celebrate, honour, and toast the success of our graduate students and their supervisors.