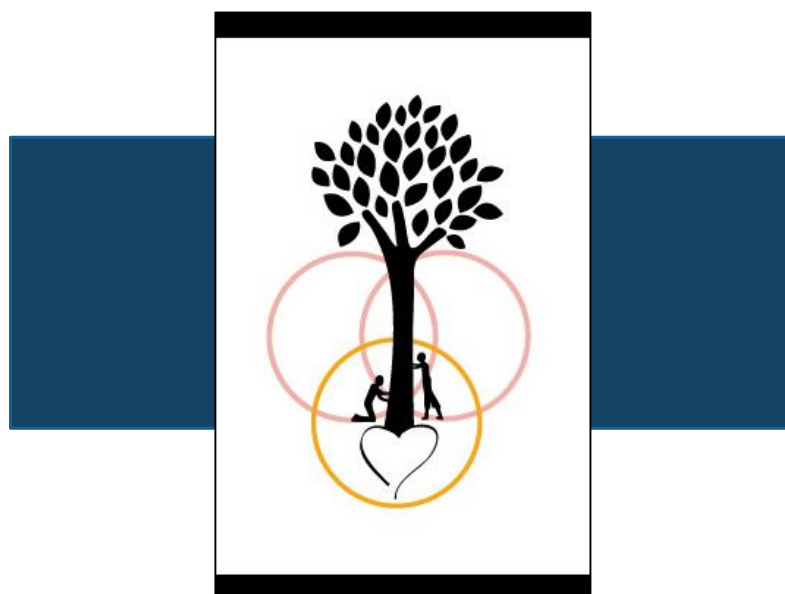
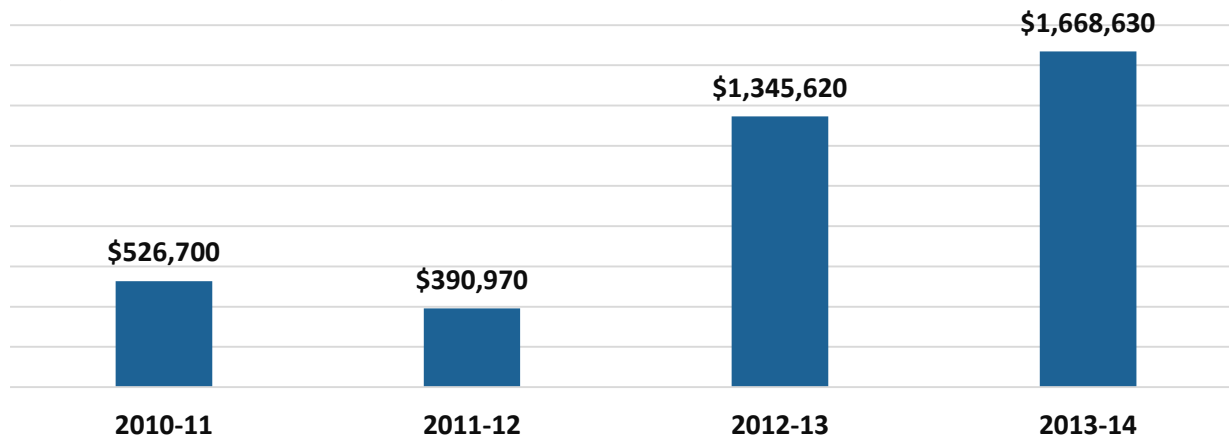


**Faculty of Health Sciences  
RESEARCH SUMMARY  
2013-2014**



## GRANTS AND FUNDING

Figure 1: FHSc External Funding



Total FHSc funding has increased more than threefold since the 2010-2011 fiscal year. In total, FHSc tenure-track (TT) faculty applied for 33 external grants (10 Tri-Council); 12 were successful (36%).

## ALTERNATIVE METRICS

### RESEARCH GROUP ACTIVITIES

#### Health Professions Education Research Group

**Advancing the education and practice of health professionals:** Through its participation in research collaborations that have generated over 6 million dollars of funding, produced over 70 publications and conference presentations at national and international conferences, the FHSc Health Professions Education Research Group has developed, delivered, and assessed innovative strategies that enhance the training and performance of the next generation of health care practitioners to better serve the health needs of Canadians.

#### UOIT-CMCC Centre for the Study of Disability Prevention and Rehabilitation (CSDRP)

**Developing clinical practice guidelines for improved accident insurance policy:** Having generated over 1.2 million dollars in funding, the *CSDRP'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 *CSDRP* consults directly with the Ministry of Finance to inform its policies and practices in relation to accident insurance and traffic guidelines. The *CSDRP's* reach extended globally to influence the adoption of a resolution endorsing a global disability action plan at the 67<sup>th</sup> World Health Organization Assembly.

### 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.
- **Fourth Annual Research Retreat:** The FHSc held its 4<sup>th</sup> Annual Research Retreat (8 May, 2014, at Oshawa Golf and Curling Club) – over 75 faculty and community partners attended (largest turnout to date).

## PUBLICATIONS AND CONFERENCE PRESENTATIONS

Figure 2: Authorship – Peer Reviewed, Chapters

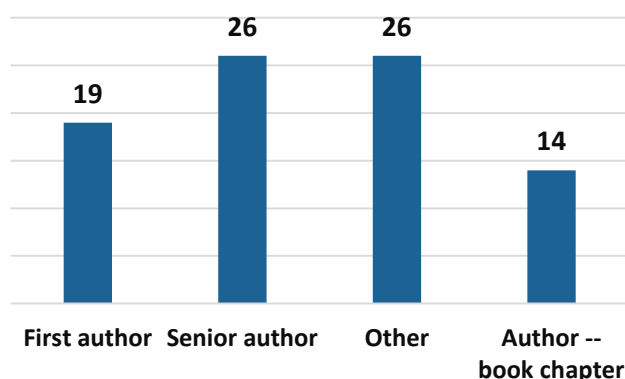
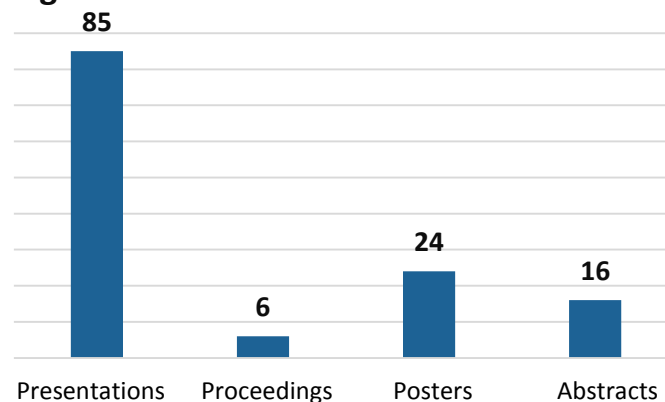


Figure 3: Conference Contributions



FHSc TT faculty were *first* (sole or first) or *senior* (article published under a faculty member's supervision) authors on 45 refereed manuscripts, and contributed in various ways to 40 articles and book chapters.

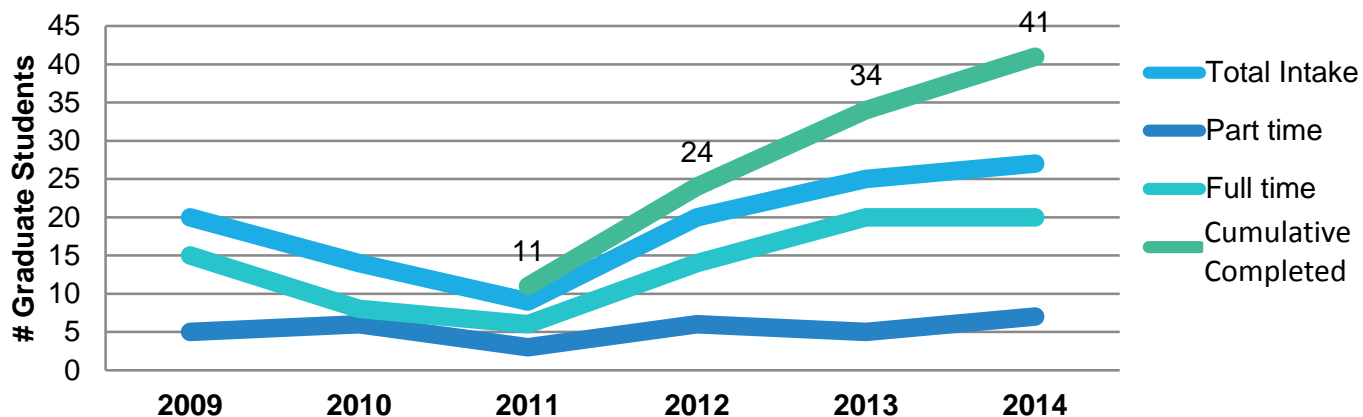
### "LOOKING UPSTREAM" to RAISE HEALTH AWARENESS

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:

- **Raising awareness of the Aboriginal experience through video** – *From a Dark Room: Picturing a better world for aboriginal women experiencing violence; In Our Own Words: The Dude's Club – a Brotherhood for Men's Health.*
- **Enhancing professional practice in patient care through narrative inquiry** – To highlight the "person-centred" practice alternative, the website [theartofexperience.ca](http://theartofexperience.ca) cultivates critically reflective praxis, and provides a forum for reimagining traditional understandings of patient-centred care.
- **Encouraging a better understanding of health disparities** – "Income Inequality is Killing Thousands of Canadians Every Year" (The Toronto Star) advocates for health and social policy changes, particularly for marginalized individuals and groups.
- **Educating new moms and dads on best practices in infant feeding**– Making knowledge accessible for new parents: [sites.uoit.ca/breastfeeding-information-for-parents](http://sites.uoit.ca/breastfeeding-information-for-parents).
- **Highlighting the importance of a physically active lifestyle** – The *Exercise is Medicine* initiative emphasizes the importance of physical activity toward global disease prevention and the place exercise should have in the medical treatment paradigm.
- **Expanding the network to advance cardiac resuscitation research and practice** – The development of the "Durham Region Resuscitation Research Collaborative" seeks to lengthen the chain of survival by leveraging community resources for more effective, early intervention for cardiac events.
- **Advancing evidence-informed health policy and practice** – In July, the FHSc held a one-day workshop on conducting systematic reviews to survey and appraise the evidence germane to addressing health policy and practice.

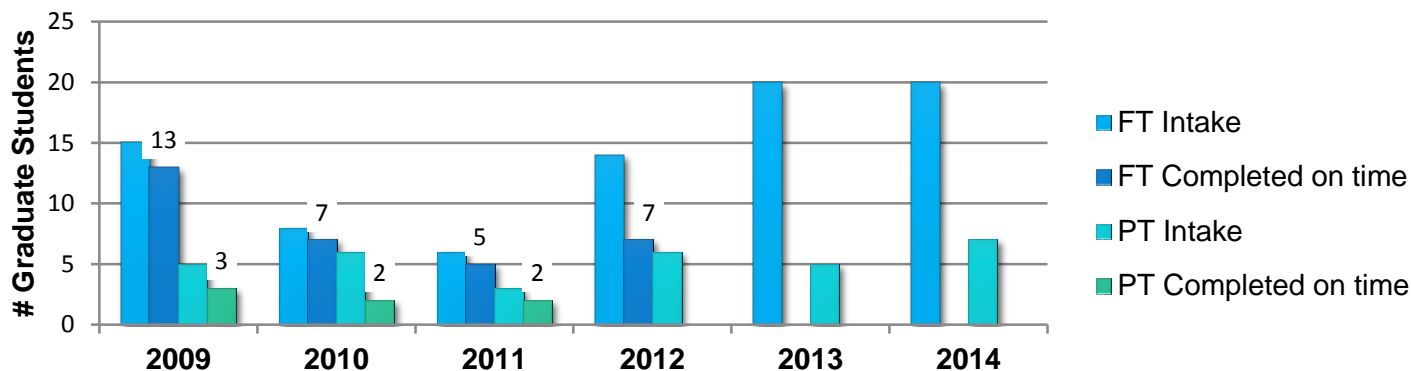
## GRADUATE TRAINING

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 115 graduate students – 83 full-time and 32 part-time (Fall, 2014 inclusive). As of August, 2014, 41 students have completed the program.

FIGURE 5: Faculty of Health Sciences Graduate completion rate



**Timely graduation:** The completion rate for full-time students from 2009 to 2011 was 86%; the rate for part-time students was 50%. Taken together, the completion rate for this period was 74%. 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 ESRI Canada, University of Toronto, University of Waterloo, Canadian Memorial Chiropractic College, Université de Bordeaux, University of Oslo, and the Durham Region Health Department.

**Three-minute 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; 11 participated and 6 went on to compete in the University 3MT event, two reached the final stage, and one FHSc graduate student won the UOIT competition; the event both raised awareness of each other’s research activities and enabled students to hone skills in presenting.

**Celebrating success!!!** We hosted our fourth annual [Graduate Student Gala](#) to celebrate, honour, and toast the success of our graduate students and their supervisors.