

MCGILL UNIVERSITY

Annual Report

School of Physical and Occupational Therapy



EXCELLENCE THROUGH GROWTH

Submitted by Annette Majnemer, OT, PhD, FCAHS
June 1, 2014

Period covering January 1, 2013 – December 31, 2013

ACHIEVING OUR MISSION THROUGH A SCHOLARSHIP OF PRACTICE MODEL

MISSION OF OUR SCHOOL

Excellence in teaching and research is the foundation and tradition of the School of Physical and Occupational Therapy at McGill University. The faculty educates professionals and, through research, generates the body of knowledge which guides our professions to advance the health, function and participation of individuals in society. The educational programs apply and promote principles of inter-professional education, evidence-based practice and knowledge exchange with the expectation that students become self-directed, life-long learners.

How do we achieve our core business?

Partnerships for Best Practices: Expanding the Scholarship of Practice Model

The School of Physical & Occupational Therapy has built meaningful partnerships between our educators, researchers, the students, clinicians, decision-makers and health service consumers.

These partnerships enable us to interweave theory, education, research and practice such that each element informs the other. This collaborative approach ensures that

- ... our **teaching** is evidence-informed and clinically meaningful,
- ... our **scientific discoveries** are clinically relevant, and
- ... our **practitioners** are scholarly agents of change.

Collectively we aim to improve the health and participation of all members of Quebec society through a scholarship of practice model.

UPGRADING OUR TEACHING AND LEARNING SPACES

In 2012-13, the School invested over \$250,000 in the purchase of specialized teaching equipment for our Professional Programs as well as our Graduate Programs. This past year, there has been extensive renovation of our two buildings, enabling us to install this equipment into the new classroom environments.

○ Renovations to Hosmer House and Coach House

This renovation project was undertaken to update our current teaching space to be more pedagogically appropriate and efficient for practical laboratory skills training. The project was ranked as a top priority and funded by the University Teaching Laboratory Working Group. The following renovations have been completed over the past year:

- Merging two lecture rooms into a larger space, by opening up the pocket door between the two rooms, and renovating the space for practical teaching.
- Renovating and re-configuring two other rooms used for practical teaching
- Creating a direct audio-visual connection between these rooms, so that teaching, demonstrations and Q&A are consistent between rooms.
- All rooms can also be used independently.
- Funding was obtained from MELS for video-conferencing equipment, which will allow communication and teaching with clinical sites and the UQAC extension program. This equipment will be installed during the summer of 2014.

○ Renovations to Davis House Basement

This project was part of McGill's deferred maintenance program and was undertaken to address the chronic water leakage into DB1 and DB2. This leakage had resulted in the closure of these rooms for many years and subsequent mold growth which was limiting the use of the entire basement. The renovations resulted in the changes listed below:

- French drains were installed around the building to reduce the water infiltration.
- Renovations to the roof and the exterior building drainage system were undertaken to further address the water infiltration in the basement.
- The exterior main entrance balcony and steps were demolished and replaced.
- The floors were replaced and the walls painted in DB6 and a small mechanical room added, reducing the teaching space.
- The wall and floors in DB1 were replaced and new desks, chairs, and filing cabinets purchased. As of the summer 2014 this office provides office space for 2 faculty members.
- DB2 was converted to a small seminar room (capacity 14) with 2 small research offices at the west end of the room and one of the storage rooms was converted to a student office. Desks, chairs and filing cabinets were purchased for the offices. A conference table and chairs, SMART board, computer and screen were purchased for the small seminar room to allow for video and audio recordings as well as web-conferencing to occur in this room. The renovations to this space have yet to be completed but should be by the end of the summer 2014.

TEACHING AND LEARNING (CONTINUED)

- New tables and chairs were purchased and a SMART board was installed in DB6 using the School's equipment funds.
- Renovations were also completed in some of the storage rooms on the south side of the building, however these rooms have now been designated to physical plant or housekeeping so the School no longer has access to them.
- Work is ongoing to refinish the stone walls surrounding the house. This work should be completed the summer of 2014.

EDUCATIONAL PROGRAMS: UPDATE

○ **Physical & Occupational Therapy Programs**

The *CyberMed active learning classrooms* are actively being used this academic year by our professional programs. This high-tech learning environment aligns with our educational philosophy and desire for interactivity. These new teaching spaces are used for lectures, clinical reasoning workshops and seminars. The increased availability and use of these learner-centered, technology rich teaching spaces is greatly appreciated by both students and faculty.

○ **Inter-Professional Education (IPE)**

The Faculty of Medicine's IPE Joint Curriculum Committee received \$250,000 from the Dean for a period of three years to continue to expand the work of the IPE Joint Committee and reinforce the inter-professional education activities within the curricula of six different health professions programs (Dentistry, Medicine, Nursing, Occupational Therapy, Physical Therapy, and Speech Language Pathology). Two new IPE activities have been developed and implemented in February 2013 and October 2013.

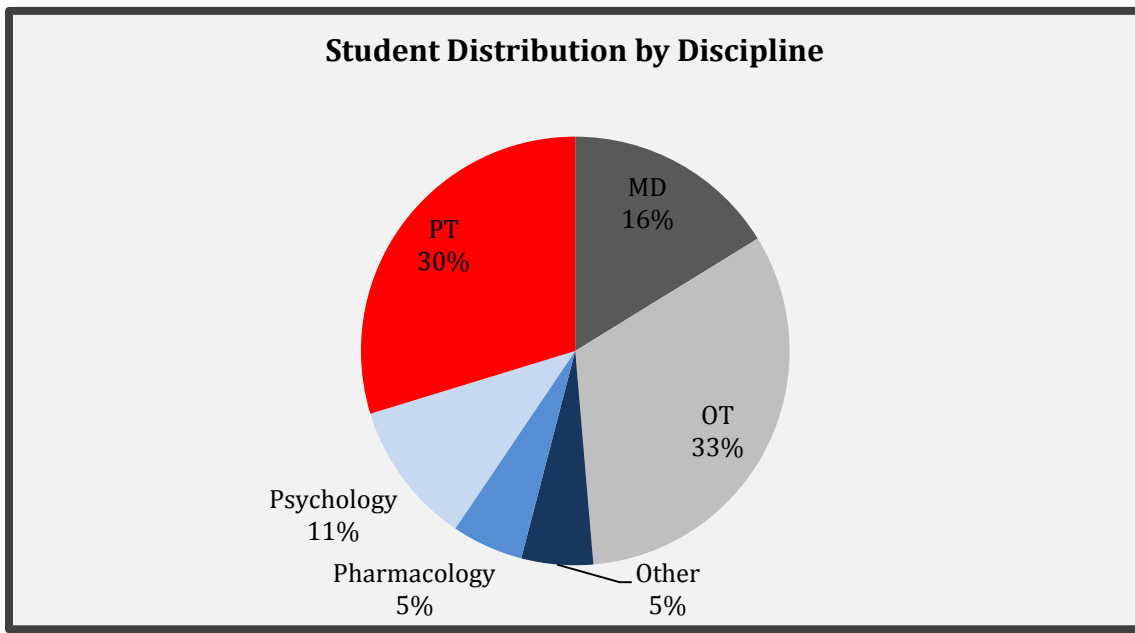
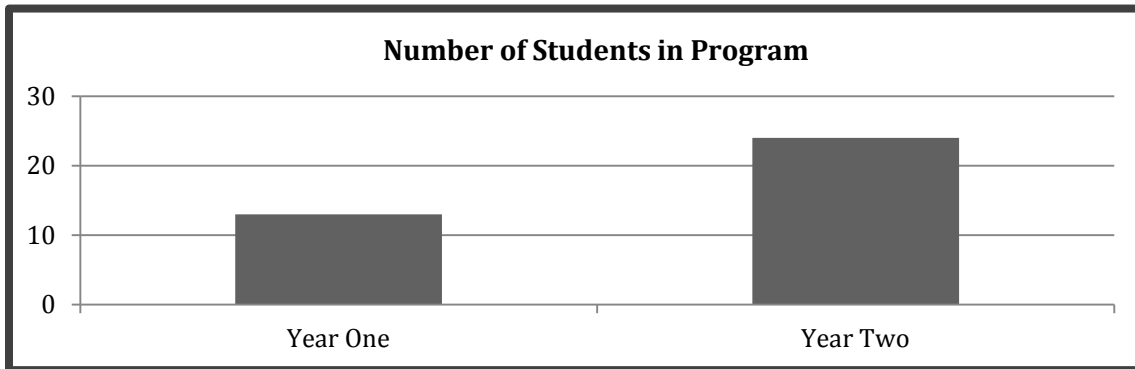
○ **Graduate Programs**

A new educational stream within our Rehabilitation Sciences program is knowledge translation (KT) research. A new graduate level course in KT has been developed to support this stream. This past year we admitted our first cohort of students who were graduates of our new Professional Masters' programs (OT/PT) who have entered into our PhD program. Our online certificate programs are progressing well. We have recently completed all of the bilingual online courses of our new Graduate Certificate in Chronic Pain Management. There has been a steady increase in the number of students who were admitted to this program over its first two years. Students represent an interdisciplinary group from Quebec, other Canadian provinces and abroad. For the online driving certificate, we are currently investigating the possibility of offering online continuing education seminars in the area of driving rehabilitation. As part of our marketing efforts, we are producing two videos to promote the graduate certificate programs as well as promotional materials. Social media strategies are also used to promote these new continuing education programs for health professionals.

TEACHING AND LEARNING (CONTINUED)

- **Graduate Certificate in Chronic Pain Management**

A total of 37 students have registered to date (Fall 2012: 12; Winter 2013: 2; Fall 2013: 10, Winter 2014: 13). The mean age of students is 34.3y (range 24-52y), with 27 (73%) female.



Global Distribution of Online Chronic Pain Management Certificate Students
(including future students registered at time of print)



- **McGill Physical Therapy Extension Program at Université de Québec à Chicoutimi (UQAC)**

Our first cohort of 29 undergraduate students completed the first academic year and successfully progressed to the second year; 26 new students were admitted to first year. Significant efforts have been directed at collaborative planning and implementation of courses between McGill and UQAC faculty, clinical coordinators, and program directors. As part of this effort, all first- and second-year courses were reviewed and approved for equivalency by the appropriate McGill department or instructor. In order to build capacity, three new faculty members were hired at UQAC, with the involvement of McGill faculty in the selection process.

STUDENT ENROLMENT

OT Programs

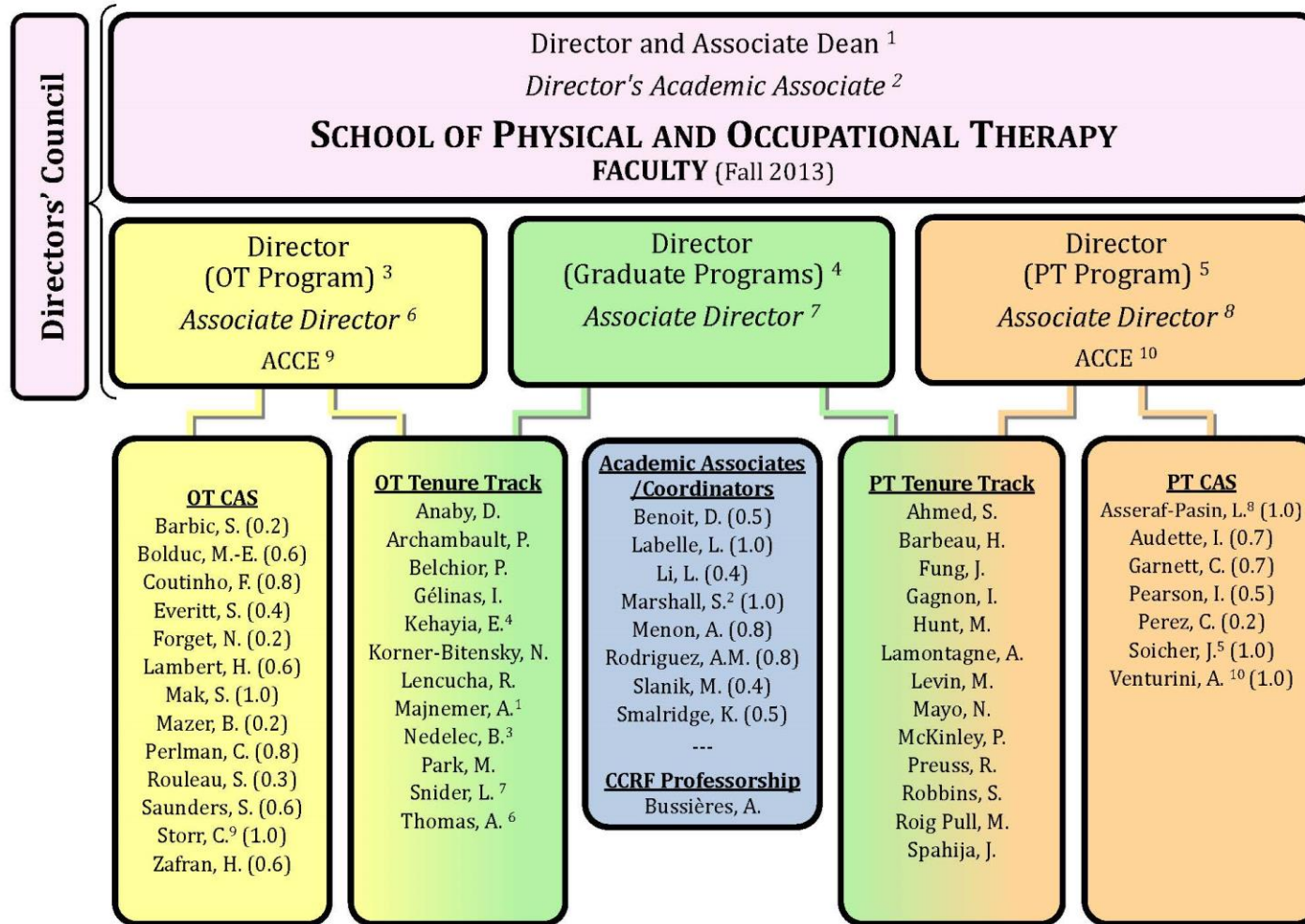
Academic Year	Undergraduate Program			Degree Conferred	Master's Program			Degree Conferred
	U1	U2	U3		QY	M1	M2	
2008-2009	54	32	--	BSc. (Rehabilitation); Major in Occupational Therapy	29	--	--	MSc. Applied (Occupational Therapy)
2009-2010	40	49	29		31	29	--	
2010-2011	39	43	48		23	51	28	
2011-2012	41	39	38		36	67	48	
2012-2013	41	37	35		37	67	65	
2013-2014	41	38	36		43	57	66	

PT Programs

Academic Year	Undergraduate Program			Degree Conferred	Master's Program			Degree Conferred
	Year 1	Year 2	Year 3		QY	M1	M2	
2008-2009	65	58	--	BSc. (Rehabilitation); Major in Physical Therapy	28	--	--	MSc. Applied (Physical Therapy)
2009-2010	70	60	54		23	27	--	
2010-2011	65	64	53		19	69	27	
2011-2012	60	63	59		16	58	68	
2012-2013	57	51	56		16	67	54	
2013-2014	49	56	49		25	60	63	

Graduate Programs

Academic Year	Graduate Program					Degree/Certificate Conferred
	MSc. (Thesis)	MSc. (Non-thesis)	Ph.D.	Graduate Certificates		
				Driving	Pain	
2010-2011	20	7	30	32	N/A	18
2011-2012	23	8	28	19	N/A	8
2012-2013	24	3	36	16	14	13
2013-2014	23	1	36	18	33	18



ACCE: Academic Coordinator Clinical Education
CAS: Contract Academic Staff

**SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY
ADMINISTRATION (Fall 2013)**

School Director
Annette Majnemer

Administrative Officer
Hélène Fyfe

FINANCE

Accounts Administrator
Véronique Lajoie

DIRECTOR'S OFFICE

Admin. Coordinator
Irene Laforteza

STUDENT AFFAIRS

Administrator/Manager
Liliane Cardinal

Undergraduate Programs

S.A.C.*
Marlene Brettler

Professional Programs

S.A.C.*
Alyssa Browning

Graduate Programs

S.A.C.*
Maria Ruocco

Admin. & S.A.C.*
Irena Mileva-Petkova

Certificates

S.A.C.*
Micheline Chemali

COURSES & TECHNICIANS

Course Secretary
Aryanna Comodini

Program Secretary
(Professional Programs)
Suzana Zavila Pejovic

Course Technician (OT)
Luisa De Marte

Course Technician (PT)
Johanne Bourdon (Acting)
Kristian Bravo (On Leave)

CLINICAL

Admin. & S.A.C.*
Croce Filteau

* = Student Affairs Coordinator

INVOLVEMENT IN THE COMMUNITY

SPOT's most significant community engagement is in the clinical community; that is, to clinicians and clinical institutions. Community engagement also involves activities with our alumni and benefactors/donors. This annual report *does not* include reporting of the substantial involvement of our faculty on provincial, national and international committees, advisory and editorial boards, research collaborations and invited lectureships.

The School continues to strengthen the ties with primary clinical partners via regular working **lunch meetings** with clinical (Director General, Managers, Department Heads, Research leaders) and faculty (Directors, Academic Coordinators of Clinical Education, CRIR Scientific Director) leadership. This year, we met with representatives of MAB Mackay and the CSSS l'Ouest de l'île. Discussions focused on enhancing partnerships for clinical education, clinical research and knowledge translation.

Clinical partners are a very highly valued segment of the SPOT community and as such we have begun a new academic appointment, to formally recognize clinicians who are actively participating in supervision of our students for clinical placements, and to encourage even more participation. This takes the form of the **Faculty Lecturer (Nil Salary) appointment**, of which we had 17 nominations (7 OT and 10 PT) in the 2013 calendar year.

The **SPOT Facebook Page** (*McGill School of Physical and Occupational Therapy*; 454 likes) and **Facebook Group** (*McGill SPOT*; 382 members) as well as the **LinkedIn** Company Page (*McGill University School of Physical & Occupational Therapy*; 88 followers) are social media vehicles used to continue to 'spread the word of our excellence' to SPOT alumni and other friends, faculty and students. Posts focus on updates regarding events, lectures, seminars, awards earned, and student initiatives. These social media pages/groups are updated generally twice per week throughout the year.

The **SPOT website** continues to be the go-to site for information on the School, be it application information, documentation for students, School events and announcements, promotions, grants earned, prizes awarded, research opportunities and other notable newsworthy items. The site receives approximately 1400 unique visitors per week, with a total of over 8000 pageviews/week. The website is updated on a weekly basis. The greatest proportion of visitors are logging in from Canada, followed by the USA, India, Australia, France and the UK.

Special Events are hosted in SPOT buildings or nearby, and are publicized via the website, the social media pages/groups, as well as targeted e-mail lists generated by faculty and staff at the School.

The special events hosted by SPOT in 2013 included:

- *Name-Tag Ceremony* (May 2): Graduates of our first cohort of OT and PT Master's program highlighted the benefits of graduating with the Professional Masters, OT: Emma Lewis and PT: Vanessa Foucher. Representatives of the two national associations (Canadian Association of Occupational Therapists, and Canadian Physiotherapy Association) attended.

INVOLVEMENT IN THE COMMUNITY (CONTINUED)

- *Strawberries & Champagne Convocation Reception* (May 28): Honouring graduates from the Professional Master's programs in OT and PT, as well as the graduate programs in Rehabilitation Science; attended by graduates, their families, SPOT faculty and SPOT benefactors. Representatives of the two national associations as well as the two licensing boards (Ordre des ergothérapeutes du Québec and Ordre professionnel de la physiothérapie du Québec) attended to provide awards.
- *Masters Projects Presentations* (August 20): Professional Master's students presented results of their research projects to faculty and clinical partners. Attended by clinicians, representatives of clinical institutions.
- *Homecoming – The Director's Wine & Cheese Reception* (October 18): Hosted specifically for alumni, we honoured the graduating years ending in 3 or 8. We had a very strong turnout from alumni of 1983 and 1993, many of whom started up Facebook pages to track guests and encourage attendance. Our eldest graduates were from the class of 1953.
- *Open House* (October 27): With 5 faculty members and a total of 9 SPOT students, we extolled the benefits of the McGill programs to hundreds of potential students and their families.
- *Edith Aston-McCrimmon Lectureship* (November 28): With keynote speaker, Dr. Carol L. Richards, an alumna of SPOT; attendees included benefactors, students, alumni and faculty.

Recruitments

Dr. Aliko Thomas, Assistant Professor (Tenure Track)
Dr. Marc Roig, Assistant Professor (Tenure Track)
Dr. Raphael Lencucha, Assistant Professor (Tenure Track)

Promotions

Dr. Sara Ahmed awarded Tenure, promoted to Associate Professor
Dr. Nicol Korner-Bitensky promoted to Full Professor

Retirements

July 31, 2013: Dr. Patricia McKinley
August 31, 2013: Dr. Nicol Korner-Bitensky

Sabbaticals

Starting September 1, 2013: Dr. Philippe Archambault and Dr. Anouk Lamontagne
Ended August 31, 2013: Dr. Isabelle Gelin

HONOURS, AWARDS, AND PRIZES

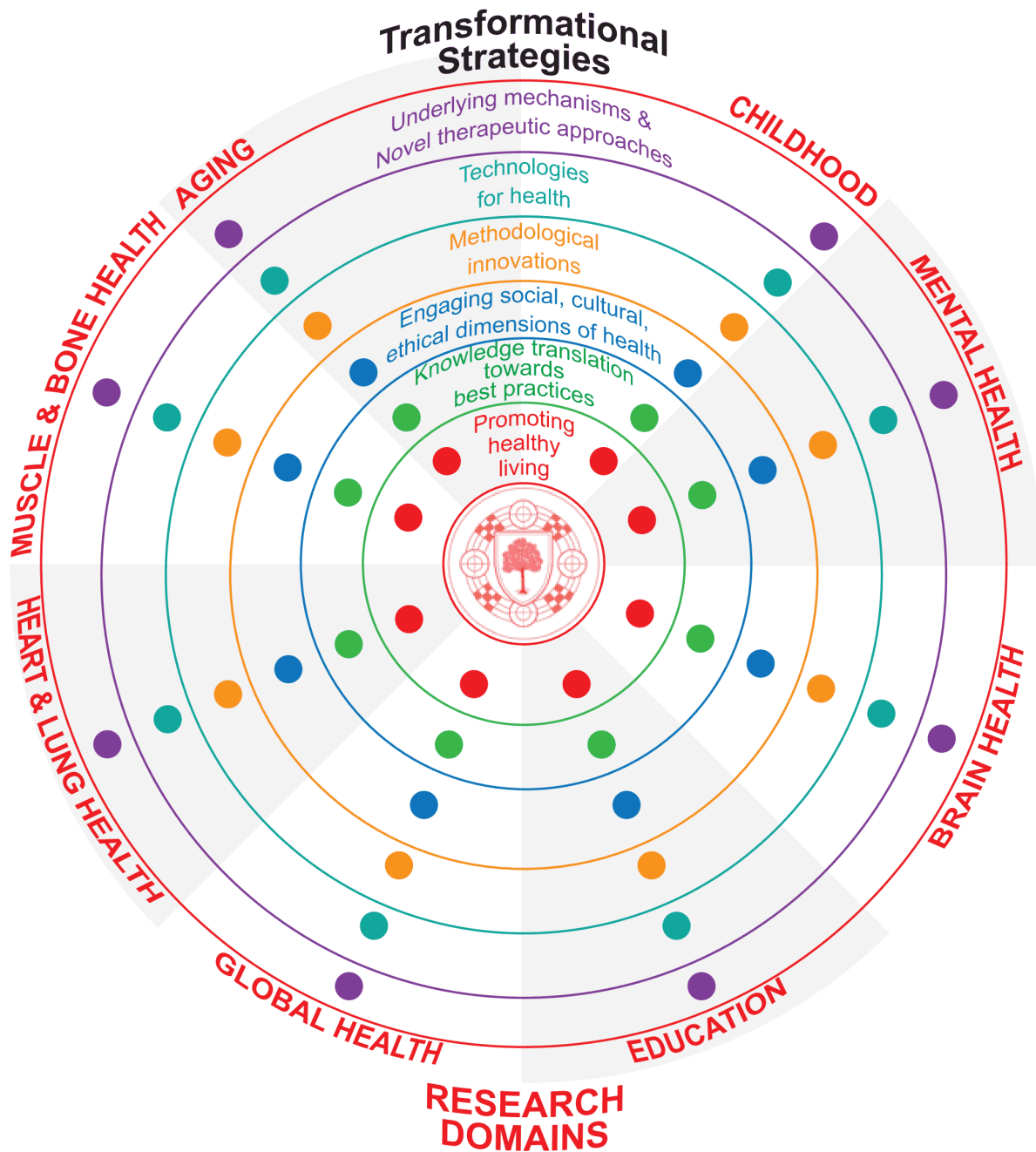
The most prestigious McGill-specific, local, national, or international awards conferred upon staff members as well as students.

AHMED, Sara	FRQS Chercheur boursier Junior II	\$322,341	2012-2016
ARCHAMBAULT, Philippe	McGill University - Hugh & Hellen McPherson Memorial Award	\$36,000	2011-2013
	FRQS Chercheur boursier Junior II	\$168,308	2013-2015
BUSSIÈRES, André	Canadian Chiropractic Research Foundation (CCRF) Professorship in Rehabilitation Epidemiology, McGill University	\$500,000	2012-2017
FORGET, Nancy	Fonds de recherche santé du Québec - Bourse de formation en recherche en santé (doctorat)	\$40,000	2012-2015
FUNG, Joyce	McGill University - William Dawson Scholar	\$10,000/yr	2008-2013
GAGNON, Isabelle	FRQS Chercheur boursier Junior II	\$53,082/yr	2012-2016
HUNT, Matthew	FRQS Chercheur Boursier Junior 1	\$80,000/yr	2013-2017
LAMONTAGNE, Anouk	FRQS Chercheur boursier Junior II	\$83,490/yr	2012-2014
LEVIN, Mindy	Canada Research Chair Tier I	\$200,000/yr	2012-2019
MAK, Susanne	Faculty Honour List for Educational Excellence	-	2013
MAYO, Nancy	James McGill Professor	\$25,000	2002-2016
NEDELEC, Bernadette	Queen's Jubilee Medal	-	2013

Over the past year, our School's Research Committee has been working on developing a concept map that represents the scope and breadth of rehabilitation research at SPOT. This has received feedback from Faculty and is now on our research webpage. The **domains** relate to populations of primary interest, categorized by age (childhood, aging), health and disease (mental health, brain health, heart and lung health, muscle and bone health, global health) or educational research. Within the various domains of study, a number of **cross-cutting strategies** are being actively pursued in the various domains and include:

- i. *Underlying mechanisms and novel therapeutic approaches:* Greater understanding of the influence of intrinsic biologic mechanisms on functioning to inform therapeutic approaches; novel rehabilitation interventions; program evaluation; health services research.
- ii. *Technologies for health:* Use of new technologies such as virtual reality, exergaming, assistive technologies, neuroimaging, brain stimulation techniques, gait/movement analysis, health informatics to promote functioning and health.
- iii. *Methodological innovations:* Development and application of new methods to rehabilitation research to include mixed-method approaches; measurement development.
- iv. *Engaging social, cultural, ethical dimensions of health:* A focus of research on the benefits to society; social determinants of health; cultural values and health; ethical challenges as it relates to health and rehabilitation.
- v. *Knowledge translation towards best practices:* Bridging the gap between knowledge and practice and the reverse in terms of knowledge needs of knowledge users; policy development based on evidence; educational research to promote evidence-based practices; research on dissemination strategies and implementation of knowledge.
- vi. *Promoting healthy living:* Strategies supporting participation, fitness and leisure, quality of life; chronic disease management; health promotion and disease/disability prevention.

N.B. See next page for visual representation of Transformational Strategies.



Our faculty continues to be highly productive, successful researchers in spite of teaching loads well above the normative standard of the Faculty of Medicine. Our faculty published 89 peer-reviewed papers, many written collaboratively with other faculty members, often with graduate trainees. In addition, there are 11 invited reviews or book chapters. Faculty are principal or co-principal investigators on approximately 85 grants, with many funded by CIHR, as well as Grand Challenges Canada, NSERC, FRQS, FRQSC, NSERC, REPAR, American Cancer Society, among others. Appendices of publications and grants are included.

GRANTS

FACULTY MEMBER	ROLE	TITLE OF PROJECT	FUNDING AGENCY	FUNDING TOTAL	FUNDING PERIOD
AHMED, S.	PI	Mise en oeuvre et evaluation d'un réseau integre de prévention et de gestion de la douleur chronique	Fonds Pfizer FRQS-MSSSA sur les maladies chroniques	\$621,250	2012-2014
	PI	Dissemination of evidence informed care for chronic pain.	CIHR	\$24,880	2013-2014
	PI	Developing and Implementing a Patient Reported Outcome Evaluation Platform in Canada: Potential Benefits and Challenges.	CIHR	\$23,800	2013-2014
	PI	Optimizing Primary Healthcare Service in Chronic Low Back Pain Management: Knowledge Translation Implementation	Richard and Edith Strauss Canada Foundation (Student led)	\$ 12,000	2013-2014
	PI	A chronic low back pain patient toolkit to enhance patient self-management and healthcare communication and coordination	Richard and Edith Strauss Canada Foundation (Clinician led)	\$ 11,650	2013-2014
	PI	Maximizing the effects of self-management interventions on chronic disease outcomes: The development of a Chronic Obstructive Pulmonary Disease (COPD) web-based patient portal	CIHR	\$349,000	2011-2014
	PI	Mentorship in chronic pain management for health professional.	Richard and Edith Strauss Canada Foundation (Clinician led)	\$10,999	2011-2013
	Co-PI	Implementation and evaluation of an integrated primary care network for prevention and management of chronic pain.	Pfizer-FRSQ-MSSS (Co-PI, evaluation lead)	\$625,000	2013-2015
	Co-I	A Rehabilitation Living Lab : Creating Enabling Physical and Social Environments to Optimize Social Inclusion and Social Participation of People with Disabilities	FRQS	\$1,400,000	2011- 2015
	Co-I	Vers un continuum de services pour l'AVC, Evaluation des structures, processus et indicateurs de rendement des services de réadaptation	CIHR	\$370,775	2012- 2015
	Co-I	Effectiveness of a consumer-targeted pharmacist-led educational intervention to reduce inappropriate prescriptions	CIHR	\$681,617	2013-2017
	Co-I	Emerging Team: The Scleroderma Patient-centered Intervention Network	CIHR	\$1,500,000	2012-2017
	Co-I	Regroupement thématique réadaptation et gérontechnologies du Réseau québécois de recherche sur le vieillissement	Regroupement thématique réadaptation et gérontechnologies du Réseau québécois de recherche sur le vieillessement	\$30,136	2013-2015
	Co-I	Adaptation and equivalence of the proxy-respondent version of the MOVIT questionnaire	REPAR Programme 1.1	\$15,000	02013-2014
ANABY, D.	PI	Opening doors to participation of youth with physical disabilities in community activities: An intervention study	CIHR	\$153,519	2013 - 2016
	PI	Improving participation of youth with physical disabilities in leisure activities: An intervention study.	SickKids-CIHR New Investigator Research Grant	\$110,687	Declined
	Co-PI	Promoting the use of a developmental coordination disorder (DCD) knowledge tool by clinicians and the provincial parent association in Québec.	Richard and Edith Strauss Canada Foundation	\$12,000	2013-2014
	Co-I	Inclusive inter-generational Wellness Park for children, adults and seniors with and without disabilities	CRIR-PSI-JRH	\$4,320	2013-2014
ARCHAMBAULT, P.	PI	The McGill Immersive Wheelchair (miWe) Simulator for the clinical assessment and at-home training of powered wheelchair driving skills	CIHR	\$300,00	2012-2015
	PI	The assistive-mobility simulator: a virtual reality-based system for scooter and power-wheelchair users	NSERC	\$115,000	2013-2018
	PI	The McGill Immersive Wheelchair (miWe) Simulator for the clinical assessment and at-home training of powered wheelchair driving skills	CIHR	\$300,000	2012-2015

ARCHAMBAULT, P. (CONTINUED)	PI	Virtual reality gaming system for arm rehabilitation	GRAND challenges Canada	\$113,000	2012-2014
	PI	Design and testing of a powered wheelchair simulator	NSERC	\$85,000	2008-2013
	Co-PI	Impacts d'une aide à la préhension robotisée auprès de personnes ayant une dystrophie musculaire : un étude de faisabilité de l'utilisation du bras JACO	Fondation Pierre-Lavoie	\$25,000	2013-2014
	Co-PI	Mise au point de jeux vidéo actifs pour l'entraînement du contrôle postural dynamique des enfants avec une diplopie	REPAR	\$15,000	2013-2014
	Co-PI	A rehabilitation living lab	FRQS	\$1,400,000	2011 - 2015
BELCHIOR, P.	PI	An emerging role of occupational therapists in the management of individuals with mild cognitive impairment: a preliminary study	Richard and Edith Strauss Canada Foundation	\$13,250	2012-2013
BENOIT, D.	Co-I	Dispositifs électromécaniques pour commandes à effort minimal dans les véhicules adaptés pour les personnes ayant des incapacités physiques : état de la situation des besoins, des produits et des pratiques au Québec	FRQSC-SAAQ-FRQS	\$150,000	2012-2015
BOLDUC, M.-È.	Co-I	Supporting the training of rehabilitation providers in Haiti	Institute for Health & Social Policy	\$72,922	2012-2016
BUSSIÈRES, A.	PI	Internal facilitators: exploring the implementation of best practices in a rehabilitation setting. André Bussières (PI), Dahlia K Zidarov D (lead), Poissant L.	Richard and Edith Strauss Canada Foundation (KT research)	\$12,000	2013-2014
	Co-PI	Ontario Chiropractic Observational and Analysis Study (O-COAST): improving quality of care through better understanding of current chiropractic practice Silvano Mior (PI), André Bussières (co-PI), Simon French (co-PI)	Ontario Chiropractic Association Research Committee	\$45,000	2014-2015
	Co-I	Internal facilitators: Implementation process and impact of SAGEs (Specialists in the Application and Generalization of Expertise) as change agents in a rehabilitation center: the clinician's perspective. Principal investigator (PI) and collaborators: Zidarov D, Bussières A, Dahlia K, Thomas A, Poissant L	REPAR-OPPQ partnership program	\$15,000	2013-2014
	Co-I	Les facteurs de maintien en poste des professionnels de la santé dans les communautés de minorités linguistiques au Québec. Marie-Pierre Gagnon (PI); Bussières A (Co-I)	Training and Retention of Health Professionals Project. McGill University - Faculty of Arts	\$5,000	2013-2014
	Co-I	Élaboration d'un site internet portant sur les meilleurs pratiques en lien avec l'incapacité et le retour au travail (RAT). Larivière C (PI), Bussières A., Corbière M., Côté D., Coutu, MF, Dionne C, Durand MJ, Nastasia I, Sullivan MJL, Truchon M (CO-PI).	REPAR	\$15,000	2013-2014
	Co-I	Evaluation study of new Danish imaging guidelines Chief Investigators: Tue Jensen, Henrik Wulff Christensen, Line Press Sørensen, Simon French, André Bussières	Danish Chiropractic Foundation	DKK \$90,000 (about CAD \$25,000)	2013-2014
COUTINHO, F.	Co-I	A. Supporting the training of rehabilitation providers in Haiti McBurney Professional Training Program.	Institute for Health and Social Policy	\$72,922	2012-2016
DEMERS, M.	PI	Developpement d'outils de KT pour promouvoir l'utilisation de la danse comme modalité thérapeutique auprès des AVC en RFI	Richard and Edith Strauss Foundation Canada	\$9,000	2012-2013
FUNG, J.	PI	Sensorimotor integration in the control of balance and locomotion	McGill University (Dawson Scholar Research Funds)	\$75,000	2008-2013
	Co-PI	Neurological Sensorimotor Integration: A multicentric interdisciplinary translational research group	CIHR (Team Grant)	\$2,500,000	2011-2016
	Co-I	Investigating the effects of haptic input on balance control during walking	Saskatchewan Health Research (New Investigator Establishment)	\$109,703	2011-2014
	Co-I	Strategic Clusters Program: "Groupe INTER (Ingénierie de technologies interactives en réadaptation)"	FRQNT (Strategic Clusters Program)	\$1,074,000	2011-2014
	Co-I	Strategic Innovative Project: "Mall as A Rehabilitation Living Lab: Creating enabling physical and social environments to optimize social inclusion and social participation of persons with physical disabilities"	FRQS (Strategic Innovative Project)	\$1,400,000	2011 - 2015
	Co-I	Visuomotor control of locomotion	CIHR	\$433,900	2010 - 2015
Co-I	Improving post-stroke recovery by combining non-invasive brain stimulation with rehabilitation	Heart and Stroke Foundation Canada	\$68,000	2010 - 2013	

FUNG, J. (CONTINUED)	Co-I	Specificity and sensitivity of the vestibular screening questionnaire in children with motor disabilities	OPPQ-REPAR	\$7,500	2012-2013
	Co-I	Musculature and biomechanics of the low back during gait in patients with chronic low back pain: the effect of step length, cadence and pain catastrophizing	Physiotherapy Foundation of Canada	\$5,000	2013-2014
GAGNON, I.	PI	Improving diagnosis and treatment of pediatric and adolescent of mild traumatic brain injury in Canada	CIHR	\$1,400,000	2012-2015
	PI	Generating innovation through the use of common data: Improving the diagnosis and treatment of youth mild traumatic brain injury in Canada * ranked #1 in applications	CIHR (Team Grant)	\$1,312,995	2013-2018
	PI	Efficacité d'une intervention de réadaptation pour les enfants et adolescents présentant une récupération atypique après un traumatisme craniocérébral léger ou commotion cérébrale *ranked #1 in applications (only one funded that year)	FRQS-Trauma Grant Program	\$150,000	2013-2015
	PI	Évaluation de l'impact d'une intervention de réadaptation sur la récupération et le risque de subir une deuxième blessure chez les enfants et adolescents ayant subi une entorse de la cheville: étude clinique randomisée.	FRQS	\$230,000	2012-2015
	Co-PI	Relationship between balance and self-efficacy in children after a mild traumatic brain injury (Grilli L, Gagnon I)	OPPQ-REPAR Partnership	\$15,000	2012-2014
	Co-PI	Structural and functional neuroimaging, cognitive testing and postural stability assessment in children with mild traumatic brain injury (PIs:A Ptitto, I Gagnon, M Petrides)	CIHR	\$573,856	2011-2015
	Co-PI	Understanding and measuring integrated functioning following traumatic brain injury (TBI) (PIs:I Gagnon, M Keightley)	Ontario Neurotrauma Foundation/REPAR	\$120,000	2011-2014
	Co-I	Predicting Persistent Postconcussive Problems in Pediatrics (5P) Principal Investigators: Zemek R, Osmond M	CIHR (Team Grant)	\$1,273,705	2013-2018
	Co-I	"NeuroCare" as Innovation in Intervention: A Neurophysiological Approach to Determine Readiness for Return to Activity. PI: Michelle Keightley	CIHR (Team Grant)	\$1,026,983	2013-2018
	Co-I	Persistent Postconcussive Symptoms in Children: A Clinical Prediction Rule Derivation Study (PI: Zemek R, Osmond M) Agency: CIHR Operating grant competition	CIHR	\$1,457,458	2013-2017
	Co-I	'NeuroCare' as an Innovation in Intervention: A Neurophysiological Approach to Determine Readiness for Return to Activity. PI: Michelle Keightley	CIHR (Catalyst Grant)	\$100,000	2013-2014
	Co-I	Development of behavioural markers for sensitive, ecologically valid detection of motor-cognitive vs functional alterations following mild TBI from youth to young Adulthood PI: Brad McFadyen	CIHR (Catalyst Grant)	\$89,646	2013-2014
	Co-I	Active Rehabilitation for Slow to Recover Adolescents following Sport-Related Concussion: A Randomized Control Trial (PIs: Purtzki J, Iverson G.)	The BC Rehab Fund for Research and Innovation	\$30,000	2012-2014
	Co-I	Title: Visual perception deficits in children after mild traumatic brain injury: psychophysics, electrophysiology and impact on postural stability (PI: R Forget, J Faubert, M McKerral)	CIHR	\$700,000	2008-2013
GÉLINAS, I.	Co-PI	Evaluating the on-road performance of older drivers: Innovations to enhance safety	Auto21 Network Centres of Excellence - Tri-Council (CIHR/NSERC/SSHRC)	\$201,000	2012-2014
	Co-PI	Co-PI Montreal site CIHR Team on Older Person Driving	CIHR (Team Grant)	\$1,115,747 (Montreal site: \$66,850/year)	2008-2013
	Co-I	Préserver l'autonomie fonctionnelle des personnes âgées ayant subi un traumatisme craniocérébral léger (TCCL) : Adaptation, implantation et évaluation de l'intervention d'Accompagnement personnalisé d'intégration communautaire (APIC)	FRSQ	\$150,000	2012-2014

GÉLINAS, I. (CONTINUED)	Co-I	Retour à la conduite automobile des personnes traumatisées crâniennes après la réadaptation: évaluation des comportements de conduite et de leur dangerosité.	FRSQ	\$149,974	2012-2014
	Co-I	Driving-related screening, assessment, and referral practices of Occupational Therapists (OT) treating older individuals experiencing mild cognitive impairment and dementia	Richard and Edith Strauss Canada Foundation	\$11,750	2012-2013
	Co-I	Dispositifs électromécaniques pour commandes à effort minimal dans les véhicules adaptés pour les personnes ayant des incapacités physiques : état de la situation des besoins, des produits et des pratiques au Québec	FRQSC	\$150,000	2013-2016
	Co-I	Assurer la sécurité et l'autonomie à domicile des personnes âgées atteintes de démence suivant un séjour en milieu hospitalier	CIHR	\$24,974	2013-2014
	Co-I	Évaluation des bénéfices de l'entraînement sur simulateur de conduite pour l'apprentissage de nouvelles aides techniques à la conduite automobile	OEQ-REPAR	\$15,000	2013-2015
	Co-I	Refining functional impairment criteria in individuals diagnosed with mild cognitive impairments	Richard and Edith Strauss Canada Foundation	\$12,000	2013-2014
	Co-I	Impacts d'une aide à la préhension robotisé auprès de personnes ayant une dystrophie musculaire : un étude de faisabilité de l'utilisation du bras JACO	Fondation du Grand défi Pierre Lavoie	\$25,000	2013-2015
HUNT, M.	PI	Supporting the training of rehabilitation providers in Haiti	IHSP	\$72,922	2012-2016
	PI	Éthique de la pratique et de la recherche en santé mondiale. Etablissement de jeunes chercheurs	FRQ-S	\$45,000	2013-2016
	PI	Investigation of the ethics of disaster research in low resource settings	CIHR	\$198,400	2012-2015
	Co-PI	Counter-terrorism and Global Health: Toward Ethical Policy and Practice (Workshop Grant)	Brocher Foundation	12,000 Swiss Francs	2013-2014
	Co-PI	Physiotherapy practice and third party payers: Issues in professional ethics	CIHR	\$246,574	2012-2015
	Co-PI	Ethics and humanitarian healthcare practice and policy (EHPPP) during acute crisis response in low or middle-income countries.	CIHR	\$241,200	2012-2015
	Co-I	Beyond Bereavement: An Investigation into How to Use the Iddir for Social Development and Health Financing Purposes in Ethiopia.	GHR-CAPS	\$25,000	2013-2014
	Co-I	Canadian Rehabilitation Ethics teaching Workshop	Richard and Edith Strauss Canada Foundation	\$12,000	2013-2014
	Co-I	Social Determinants of Health, and Health Equity: Integrating Theory and Practice.	CIHR	\$1,740,300	2011-2016
	Co-I	Recherches et interventions communautaires pour l'équité en santé au Burkina Faso	CIHR	\$1,760,381	2011-2016
	Co-I	Professional Ethics and Conflicts of Role for Health Care Professionals in Military/Humanitarian Contexts.	CIHR	\$174,984	2010-2013
KEHAYIA, E.	PI/Co-PI	A Rehabilitation Living Lab: Creating enabling physical and social environments for social inclusion and social participation for individuals with physical disabilities	FRQS	\$1,400,000	2011-2015
	PI	Promoting clinical research	FQRS	\$50,000	2013-2014
	PI	Creating Enabling Environments in an Inclusive Society: From Disability to Well-being through research and innovation	FQRS-FQRNT-FQRSC	\$30,000	2013
	PI	Subvention d'infrastructure du Centre de recherche interdisciplinaire en réadaptation (CRIR) du Montréal métropolitain	FRQS-FQRSC	\$3,544,000	2012-2016
	PI	Subvention pour l'implantation et évaluation des communautés de pratique liées au Projet Stratégique Innovant du Laboratoire Vivant.	MSSS	\$80,000	2011-2013
	Co-I	Identification et compréhension des facilitateurs et des obstacles à la participation et à l'inclusion sociale dans le contexte des centres commerciaux : Vers la création d'environnements facilitateurs	OPHQ-REPAR	\$35,000	2011-2013
	Co-I	Talking about pain: Healthcare communication in a second language populations	SSHRC	\$250,000	2008-2013
LAMONTAGNE, A.	PI	Visuomotor control of locomotion	CIHR	\$433,900	2010-2015
	PI	Mobility in the mall as a community environment : a visuo-motor perspective	PSI/FRSQ project (Internal Competition)	\$14,900	2013-2014

LAMONTAGNE, A. (CONTINUED)	Co-I	A Rehabilitation Living Lab: Creating Enabling Physical and Social Environments to Optimize Social Inclusion and Social Participation of Persons with Physical Disabilities	FRQS	\$1,400,000	2011-2015
	Co-I	Specificity and Sensitivity of the Vestibular Screening Questionnaire in children with motor disabilities	OPPQ	\$7,500	2012-2013
	Co-I	Neurological SensoriMotor Rehabilitation: a Multi-centric Interdisciplinary Translational Research Group	CIHR	\$2,497,255	2011-2016
	PI	Canada's tobacco additives ban at the intersection of politics, ethics and public health	American Cancer Society	\$25,000	2013 - 2014
LENCUCHA, R.	Co-PI	The nexus of tobacco control and economic policymaking in Brazil and Philippines	Bloomberg Initiative	\$569,101 (USD)	2012-2014
	Co-I	Building research and capacity on the economic policy-tobacco control nexus in Africa	NIH	\$1,314,633 (USD) (\$154,098 to McGill)	2012-2017
	Co-I	Transforming mental health services: A participatory mixed methods study to promote and evaluate the implementation of recovery-oriented care	CIHR	\$259,515	2013-2016
	PI	Enhancing arm motor recovery through rehabilitation after brain injury: Fundamental and clinically applied research across the lifespan	Canada Research Chairs (CRC) Tier 1	\$1,400,000	2012-2019
LEVIN, M.F.	PI	International Meeting: Progress in Motor Control IX	CIHR (Dissemination Grant)	\$23,500	2013-2014
	PI	Improving rehabilitation serves through evidence-based practice – assessing neurological recovery. PIs: Mindy Levin, John Solomon	GRAND Challenges Canada - Stars in Global Health	\$113,000	2013-2014
	PI	Elucidating the underlying mechanisms of disordered upper limb function in stroke: the relationship between deficits in trunk control and upper limb coordination. PI: Mindy Levin, Anatol Feldman, Dorothy Barthelemy, Heidi Sviestrup, Hillel Finestone	Heart and Stroke Foundation Center for Stroke Recovery (CSR- CSN) Catalyst Grant.	\$156,650	2013-2015
	Co-PI	A Rehabilitation 'Jump-Start': Comparing the effect of home-based versus clinic-based virtual reality therapy on functional mobility, physical activity and participation in children and young adults with CP. PI: Heidi Sveistrup, Mindy Levin, Marie Brien, Danielle Levac.	Ontario Foundation for Cerebral Palsy (OFCP).	\$35,000	2013-2014
	PI	"Partnering to promote healthy living through leisure participation for children and youth with physical disabilities: Child Health Initiatives Limiting Disability through Leisure- CHILD LeisureNet"	CIHR (Dissemination Grant)	\$19,910	2013-2014
MAJNEMER, A.	PI	"Determinants of Active Involvement in Leisure for Youth (DAILY: Living with Disability)"	CIHR	\$388,272	2010-2014
	PI	"Does current practice align with best practice for intensive hand function training in children with hemiplegia? A national environmental scan"	Richard & Edith Strauss Canada Foundation	\$12,924	2012-2013
	PI	Knowledge translation initiatives for the Cerebral Palsy Demonstration Project	NCE Neurodevnet	\$60,368	2010-2015
	PI	PROMPT identification of cerebral palsy: Primary-care Referral Of Motor-impaired children: Physician Tools	CIHR	\$330,576	2014-2018
	Co-I	Opening doors to participation of youth with physical disabilities in community activities: An intervention study	CIHR	\$51,173/yr x 3 yrs	2013-2016
	Co-I	Enhancement of developmental plasticity in perinatal stroke with TDCS	Heart & Stroke Foundation	\$270,000	2012-2015
	Co-I	Supporting the training of rehabilitation providers in Haiti	Institute for Health & Social Policy	\$72,922	2013-2014
	Co-I	Opening doors to participation of youth with physical disabilities in community activities: A pilot study	REPAR	\$19,989	2012-2013
	Co-I	Canadian Child Health Clinician Scientist Program (CCHCSP)	CIHR- STIHR	\$325,000/yr x 5 yrs	2009-2014
	PI	The Role of Exercise in Modifying Outcomes for People with Multiple Sclerosis: A Randomized Clinical Trial	CIHR	\$509,169	2012-2015
MAYO, N.	Co-PI	Optimizing Brain Health in HIV Now	CIHR	\$2,500,000 (20% Mayo)	2013-2018

MAYO, N. (CONTINUED)	Co-I	Modern Statistical Approaches for Rehabilitation Research	REPAR	\$24,000	2013-2014
	Co-I	Non-communicable disease indicators for use in a Population Health Record (PopHR): Development and Validation	CIHR	\$200,000	2012-2014
	PI	Inclusive inter-generational Wellness Park for children, adults and seniors with and without disabilities	CRIR-PSI-JRH	\$4,320	2012-2013
MAZER, B.	PI	Evaluating the on-road performance of older drivers: innovations to enhance safety	Auto21 Network Centres of Excellence	\$202,976	2012-2014
	PI	Implementation of an Intergenerational Inclusive Wellness Park to Facilitate Reintegration into Leisure Activities for Clients of a Rehabilitation Hospital	Richard and Edith Strauss Canada Foundation	\$12,002	2012-2013
	PI	Improving Ethics Education in Canadian Physiotherapy Programs: A Knowledge Translation Project	Richard and Edith Strauss Canada Foundation	\$12,000	2013-2014
	Co-I	CIHR Team on Older Person Driving (CanDRIVE II)	CIHR	\$5,578,735 \$1,115,747/yr	2008-2013
	Co-I	Determinants of Active Involvement in Leisure for Youth : DAILY Living with Disability	CIHR	\$388,272	2010-2013
	Co-I	Identifying and understanding facilitators and obstacles to participation/inclusion within a commercial mall for persons with a physical disability: Towards the creation of enabling environments.	Office des personnes handicapées de Québec/ Réseau provincial de recherche en adaptation-readaptation	\$35,000	2011-2013
	Co-I	Physiotherapy practice and third party payers: issues in professional ethics. 2015)	CIHR	\$246,574	2012-2015
	Co-I	Portrait de l'enseignement de l'éthique en réadaptation à travers les universités canadiennes	Canadian Arthritis Network	?	2012-?
	PI	A pilot study to evaluate the feasibility of 12-weeks of endermotherapy with adult burn survivors	Fondation des pompiers du Québec pour les Grands Brûlés	\$21,130	2013 - 2014
NEDELEC, B.	PI	A preliminary investigation of the relationship between skin barrier function and hypertrophic scar formation in adult burn survivors	Fondation des pompiers du Québec pour les Grands Brûlés	\$44,060	2013 - 2014
	PI	Systematic comparison of scar formation in bilayered cultured skin substitute versus split thickness grafts	Fondation des pompiers du Québec pour les Grands Brûlés	\$7,010	2013 - 2014
	PI	Burn survivor rehabilitation: Practice guidelines development training and capacity building proposal	Richard and Edith Strauss Canada Foundation	\$11,973	2013 - 2014
	PI	Transforming mental health services: A participatory mixed methods study to promote and evaluate the implementation of recovery-oriented care.	CIHR	\$259,515	2013 - 2017
PARK, M.	PI	Partnering between persons living with serious mental disorders and health/social care practitioners: A cross-national, mixed methods study of connectedness and the therapeutic relationship	Marie-Curie Co-Fund Swedish Council of Working Life and Social Research	\$265,000 ¹ (~\$200,000 returned)	2010-2013
	PI	Making sense of social inclusion: An exploratory photo-ethnographic and participatory study of the experiences of children with autism and their families in the community	McGill Social Science and Humanities Development	\$6,500	2013-2015
	Co-I	The first episode psychosis movement: an ethnography of new hopes to untangle stigma and psychosis	CIHR	\$102,000	2011-2013
	Co-I	Creating inclusive communities: Challenging the status quo through a multi-national innovative integration of ethnography and photovoice among elder migrants.	Toyota Foundation	\$75,000	2010-2013

¹ Canadian numbers calculated by exchange rate on date received (Forex.se).

PARK, M. (CONTINUED)	Co-I	Implementation of an intergenerational inclusive Wellness Park to facilitate reintegration into leisure activities for clients in a rehabilitation hospital	Richard and Edith Strauss Canada Foundation	\$12,002	2012-2013
	PI	Development of an optimal data acquisition protocol for spine kinematics and trunk muscle activation in patients with non-specific low back pain	REPAR	\$20,000	2012 - 2013
PREUSS, R.	PI	Physical therapy for musculoskeletal back pain: understanding the biomechanical, neuromuscular, and clinical effects of conservative treatment	CFI	\$202,250	2010-2015
	Co-I	Mise en oeuvre et évaluation d'un réseau intégré de prévention et de gestion de la douleur chronique en 1re ligne	Pfizer-FRQS-MSSS	\$621,250	2012-2014
	Co-I	Développement préliminaire d'une règle de prédiction clinique pour dépister les patients ayant une lombalgie non-aigüe répondant favorablement à un programme d'exercices de stabilisation lombaire	IRSST	\$487,579	2012-2015
	Co-I	Enhancing mobility and postural control for persons with SCI through a concerted translational rehabilitation research approach: next generation	ONF-REPAR	\$120,000	2012-2015
	PI	Exploring the biomechanical spectrum of knee osteoarthritis: From traumatic risk factors to end-stage disease	Leaders Opportunity Fund, Canada Foundation for Innovation	\$120 000	2013 - 2015
ROBBINS, S.	Co-I	A study validating the tool: Return to Work Obstacles and coping efficacy (ROCE)	IRSST	\$101,596	2013-2015
ROULEAU, S.	Co-I	Transforming Mental Health Care: a participatory mixed-methods study to promote and evaluate the implementation of recovery-oriented care	CIHR	\$259,000	2013-2017
	Co-I	A Cross-Cultural Study of Connectedness & Therapeutic Relationships	McGill	\$130,000	2011-2013
	Co-I	Pilot study on driving assessments in adult mental health	COTF	\$5,000	2008-ongoing
	PI	Impact of Osteogenesis Imperfecta on families: survey of parent Experiences, Challenges and Expectations	Richard and Edith Strauss Canada Foundation	\$12,000	2013-2014
SNIDER, L.	PI	Determining the use of evidence-based practice in selecting intervention for children with cerebral palsy: Introducing CP-Engine	Richard and Edith Strauss Canada Foundation	\$12,000	2013-2014
	Co-I	RCT pilot project: maximizing the effects of self-management interventions on chronic disease outcomes: The development of a Chronic Obstructive Pulmonary Disease (COPD) web-based patient portal.	CIHR	\$336,075	2011-2014
SOICHER, J.	PI	Understanding Barriers and Facilitators to Early Mobilization of Patients in the Intensive Care Unit.	Richard and Edith Strauss Canada Foundation	\$12,000	2013 - 2014
SPAHIJA, J.	PI	Effect of mechanical ventilation on exercise endurance in individuals with COPD, comparison of PSV and BIPAP delivered with and without a non-rebreathing valve	Fondation Auger Centre de la Recherche de l'Hôpital du Sacré-Cœur de Montréal	\$11,000	2013-2014
	PI	Innovative approaches to mechanical ventilation in spinal cord injured patients	SCISN Translational Research Program- Rapid Response Award; Rick Hansen Man In Motion Foundation	\$65,301	2011-2013
	Co-I	Innovative approaches to mechanical ventilation in spinal cord injured patients	Best and Brightest Program Ontario Neurotrauma Foundation (ONF)	\$120,000	2011-2013
THOMAS, A.	PI	Educational research in occupational therapy: A survey of Canadian occupational therapy programs	Association of Canadian Occupational Therapy University Programs	\$900	2013-2014
	Co-PI	Best practice for sensory screening in older adults by occupational therapists: Where are we and where should we be?	Richard and Edith Strauss Canada Foundation	\$10,963	2013-2014

THOMAS, A. (CONTINUED)	Co-PI	Est-ce que le modèle PARiSH peut soutenir le processus de transfert des connaissances pour l'adoption de l'Algo par les intervenants des CSSS?	Office de Personnes Handicappées du Québec-REPAR	\$35,000	2013-2014
	Co-I	Implementation process and impact of SAGEs (Specialists in the Application and Generalization of Expertise) as change agents in a rehabilitation center: the clinician's perspective	Ordre Professionnel de Physiothérapie du Québec-REPAR (OPPQ-REPAR)	\$15,000	2013-2014
	Co-I	Perceived roles, experiences and impact of SAGEs (Specialists in the Application and Generalization of Expertise) as change agents in a rehabilitation center: a case- study	Richard and Edith Strauss Canada Foundation	\$12,000	2013-2014
	Co-I	How do we measure how we think? A scoping review on the measurement of clinical reasoning	Society for the Directors of Research in Medical Education	\$4,000	2013-2014
VENTURINI, A.	Co-I	Supporting the training of rehabilitation providers in Haiti	Institute for Health and Social Policy	\$72,922	2012-2016
ZAFRAN, H.	Co-I	Transforming mental health services: A participatory mixed methods study to promote and evaluate the implementation of recovery-oriented care	CIHR Strategy for Patient oriented research (SPOR) and Rx&D Health research Foundation (HRF)	\$259,515	2013-2016

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Brossard-Racine M.*, Waknin J., Shikako-Thomas K., Shevell M., Poulin C., Lach L., Law M., Schmitz N., **Majnemer A.** and the QUALA group. (2013). Behavioural difficulties in adolescents with cerebral palsy. *Journal of Child Neurology*, 28: 27-33.

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Hunt, M.R., Ells, C. (2013). A patient-centered ethics analysis model for rehabilitation. *American Journal of Physical Medicine and Rehabilitation*, 92(9):818-27.

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