

Western HealthSciences

2014-15 Scholarship Report



Arthur and Sonia Labatt Health Sciences Building

2014-15 FACULTY OF HEALTH SCIENCES LEADERSHIP TEAM

W. James Weese, PhD

Dean

Helene Berman, PhD

Associate Dean (Research)

Ruth Martin, PhD

Associate Dean (Graduate and Postdoctoral Programs)

Kevin Wamsley, PhD

Associate Dean (Programs)

J.B. Orange, PhD

Director, School of Communication Sciences and Disorders

Marita Kloseck, PhD

Director, School of Health Studies

Earl Noble, PhD

Director, School of Kinesiology

Mary-Anne Andrusyszyn, PhD

Director, Arthur Labatt Family School of Nursing

Sherrilene Classen, PhD

Director, School of Occupational Therapy

Bert Chesworth, PhD

Acting Director, School of Physical Therapy

Andrew Johnson, PhD

Chair, Graduate Program in Health & Rehabilitation Sciences

ABOUT THE FACULTY

The Faculty of Health Sciences was established in 1997 when the Faculties of Nursing, Kinesiology and Applied Health Sciences merged to become the Faculty of Health Sciences. The result was a dynamic and exciting new faculty comprised of five Schools and two interdisciplinary programs

Today, the Faculty includes six schools – Communication Sciences and Disorders (Audiology, Speech-Language Pathology), Health Studies, Kinesiology, Nursing, Occupational Therapy and Physical Therapy – as well as one interdisciplinary graduate program – Health & Rehabilitation Sciences.

Our mission is “to lead in the generation and dissemination of knowledge in the areas of health and health care, rehabilitation, physical activity and sport”. We are also committed to offering the best student experience among Canada’s leading research-intensive universities.

STATISTICS

3,249 Undergraduate students

790 Graduate students

122 Full-time faculty members

75 Full-time staff

RESEARCH CENTRES

- National Centre for Audiology
- Canadian Centre for Activity and Aging
- International Centre for Olympic Studies

SCHOOLS

- Communication Sciences and Disorders
- Health Studies
- Kinesiology
- Nursing (Arthur Labatt Family School of)
- Occupational Therapy
- Physical Therapy

INTERDISCIPLINARY GRADUATE PROGRAM

- Health & Rehabilitation Sciences

ACTIVITY-BASED PROGRAMS

Western Sport & Recreation Services

- Mustang Athletics
- Campus Recreation



HELENE BERMAN Associate Dean

This year’s Scholarship Report highlights some of the many ways that research taking place in the Faculty of Health Sciences touches lives and makes a difference.

It is easy to get lost in the volume and variety of research that comes out of the Faculty of Health

Sciences each year and forget that each discovery has the potential to profoundly impact people. We are dedicated to improving human health around the globe, and this document should serve as a reminder that we do just that.

This publication allows us to reflect upon what we have achieved, but it also becomes a benchmark against which to gauge what can be accomplished in the future. Development of a new Strategic Research Plan for the Faculty of Health Sciences is nearing completion and the information on these pages helps us to understand better where we have been in order to look to the future.

The Faculty of Health Sciences is, by nature, collaborative and dynamic. We combine diverse interests with unique strategies and methodologies to focus on generating new knowledge and responding to identified needs. This spirit of working together continues to impress me and makes it clear that our collective successes as a group are far greater than the sum of the individual parts.

This work does not happen without the many people who support our research efforts, most notably Gordon MacDonald and Nicole Chabot. Their commitment to excellence is a shining example of what makes Western’s Faculty of Health Sciences a great place to work, study, learn and grow.

Yours in Health Sciences,

Helene Berman, RN, PhD

Associate Dean (Research), Faculty of Health Sciences

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Enabling Voices

ALL VOICES MATTER

By helping people find their literal and figurative 'voices', researchers in the Faculty of Health Sciences are developing a greater understanding of how to facilitate and support full participation in all areas of life.

Whether through better treatment of physical ailments, making important contributions to the national reconciliation process, or growing the academic body of work linking areas such as poverty and health, the future looks brighter for those whose voices are not always heard.

Enhancing everyday life



Adults with neurological disorders such as Parkinson's disease (PD) and oromandibular dystonia (OMD) often have a speech production disorder called dysarthria, which can result in reduced speech intelligibility. As a result, individuals with dysarthria are often not able to participate fully in various life situations such as employment, relationships and community involvement.

Allyson Dykstra, a professor in the School of Communication Sciences and Disorders, is working to better understand how individuals with dysarthria actually participate in everyday activities. She is also developing behavioural treatments – as well as evaluating pharmaceutical, surgical, and technological treatments – that will help these individuals enhance their communicative participation within their daily life.

Understanding the power of sport



Kinesiology professor **Janice Forsyth** is taking a different look at the experience of Aboriginal students in residential schools. By creating detailed accounts of how students at two schools – Sioux Lookout and Spanish Indian Residential School – understood their sport and recreation experiences, she is examining how these activities played a central role in the program of assimilation, and how students responded to these activities in productive and creative ways, building their ingenuity and resilience one game at a time.

Her program of research will make important contributions to the national reconciliation process, which aims to foster a new, respectful relationship between Aboriginal people and Canadians by changing the dialogue to focus on how to move reconciliation forward.

Nothing about us, without us



Led by researchers in the Faculty of Health Sciences, in partnership with the London Intercommunity Health Centre, the **Centre for Research on Health Equity and Social Inclusion** creates opportunities for researchers and community partners to collaborate on the identification of research questions, and work together toward meaningful solutions in the area of health equity and social inclusion.

Researchers trained at the Centre will investigate questions and community issues related to social determinants of health including poverty, discrimination, violence, and health. Graduate and undergraduate students and postdoctoral fellows will be exposed to, learn from, and work with various researchers and individuals coming from different faculties, backgrounds, and perspectives.

Industry Partnerships

THE PROBLEM-SOLVING PEOPLE

Applying theoretical research outcomes to help industry partners solve pressing problems or develop groundbreaking technologies is nothing new for researchers in the Faculty of Health Sciences.

The benefits of these partnerships often extend beyond industry and impact the health and wellness of people around the world in meaningful ways across a variety of disciplines.

Making surgery and rehabilitation more effective



Before a surgical procedure or therapeutic technique ever makes its way to an operating room or rehabilitation clinic, scientists work behind the scenes to better understand their benefits and how to best implement them. Physical Therapy professor **Dianne Bryant** is one of those scientists and uses her leadership and creativity in the development of study methodology to facilitate research in surgery and rehabilitation.

Using funding from the Canada Foundation for Innovation she was able to create EmPOWER health research Inc., which provides comprehensive clinical trial support and data management to researchers in the medical and pharmaceutical industries. Over time this company has evolved to offer not only its progressive SmartManager software, but also a full menu of Code of Federal Regulations (USA) development, ethics applications, research methods expertise, and project management services.

The puck stops here



In the world of competitive sport, elite athletes are constantly looking for a leg up on the competition, and research being conducted by biomechanicist **Jim Dickey** is providing that edge for hockey goaltenders. A professor in the School of Kinesiology, Dickey has partnered with Reebok-CCM to conduct research that will help to make their hockey goaltender leg pads perform better while causing less strain on the wearer.

While the company will use the information to improve their equipment, Dickey and his students are benefitting from the opportunity to create new and better methods of testing bulky personal protective equipment. These techniques can then be adapted and used to test other kinds of protective equipment such as that worn by firefighters, police officers or military personnel.

Advancing the science of hearing



Affecting more than 10% of the population in Canada and other developed countries, hearing loss is a significant problem affecting society.

Founded in 1999, the **National Centre for Audiology** facilitates research excellence and innovation by bringing together resources to form collaborative groups aimed at advancing research for improved assessment and treatment of persons with hearing loss, and better understanding the underlying basis of hearing disorders.

The NCA has long-lasting relationships with various industry partners through its Translational Research Unit (TRU), which provides expert consultation in the areas of sound quality and sound quality modeling, amplification, hearing science, electrophysiology and engineering.

Campus to Community

PUTTING RESEARCH INTO ACTION

Researchers from all corners of the Faculty of Health Sciences are engaged in research activities that have practical applications to improve quality of life and health outcomes for members of the community.

Through developing a better understanding of what makes health interventions effective or how to communicate more efficiently, discoveries being made within the Faculty can often be implemented directly by those who will benefit most.

Battling childhood obesity



Few things are more important than the health of a child. However, with rising rates of childhood obesity, overweight children are at an increased risk for developing the Type 2 diabetes, which jeopardizes their health.

To increase the physical activity level of children and prevent the onset of Type 2 diabetes, Health Studies professor **Shauna Burke** developed the Children's Health and Activity Modification Program (CHAMP) in 2008 with the intent of promoting self esteem and healthy behaviours.

Her research has shown that to have a long-lasting result, it is better to have the family on board as well. The program has now expanded to include parents and caregivers, to help them help their children.

Using communication to improve care



For those in good health, communicating with others often gets complicated, but when someone suffers from dementia, the communication process can be even more challenging. Health Studies professor **Marie Savundranayagam** is focused on improving caregiving relationships through enhanced communication, identifying ways to enhance personhood for individuals with dementia, and uncovering the mechanisms by which caregiver interventions are effective.

Investigating the impact of psychoeducational programs on caregiver burden of spouses/partners and personal support workers, her aim is to identify effective caregiver communication strategies in an effort to predict the caregiver perceived burden. By developing effective, evidence-based educational programs for caregivers, she is committed to making communication easier.

Getting fitter with age



With average age of Canada's population on the rise, the importance of the research and outreach activities of the Canadian Centre for Activity and Aging (CCAA) has never been greater.

Established in 1989, the CCAA is Canada's leader in research and training for senior fitness instructors and restorative care specialists, and offers a variety of training sessions, workshops, and conferences.

Research conducted through the CCAA uses both basic and applied approaches to broaden the knowledge base related to older adults and physical activity. The CCAA's basic research activities are carried out the School of Kinesiology, while applied research activities are the foundation of the CCAA's community-based physical activity classes for seniors and focus on the development of leadership training courses for individuals who work with the aging population.

Going Beyond Borders

THE GLOBAL COMMUNITY

As technology draws continues to make the world a smaller and more connected place, understanding how the global community interacts, and leveraging international partnerships are of increasing importance.

By examining these issues through a variety of lenses, researchers in the Faculty of Health Sciences are enhancing healthcare capacity, making the immigrant experience a more positive one and critically evaluating the political and social impact of international sport.

Improving healthcare around the globe



Arthur Labatt Family School of Nursing professor **Yolanda Babenko-Mould's** research interests involve understanding and sharing nursing education from an international perspective and promoting the use of international learning experiences to enhance training of domestic nurses.

Since 2006, she has been involved in nursing curriculum development and research in Rwanda and led the development of a Rwanda's first degree-level midwifery program. She also co-facilitated the development of a national policy framework for nursing and midwifery with partners in Rwanda, and played a key role in the development of Rwanda's first Bachelor of Science in Nursing program in Rwanda.

Partnering with individuals and organizations, in Canada and abroad is the key for the knowledge mobilization to be successful and build educational capacity in Rwanda.

Creating a more welcoming Canada



For nearly 35 years, **Lilian Magalhães**, a professor in the School of Occupational Therapy, has been working to enhance and understand the migratory experience of people coming to Canada, particularly from a health perspective.

Working closely with colleagues in Brazil and Canada, her research focuses on immigrant issues and aims to analyze health practices and knowledge production from a cross-cultural perspective, to inform community development and policy making as they relate to gender, migration and occupation.

Expanding an Olympic-sized mandate



Under the leadership of Kinesiology professor **Michael Heine**, the International Centre for Olympic Studies (ICOS) remains committed to being a resource to researchers, students and the public, just as it has done throughout its the nearly 30-year history.

However, since its inception in 1989, when it was the only such centre in the world, ICOS has broadened its research scope to include Paralympic and sport management research, while remaining a sought after resource for media outlets around the world.

Among its varied academic activities, ICOS produces *Olympika: The International Journal of Olympic Studies*, and hosts the International Symposium for Olympic Research during each Olympic year.

Faculty Member Publications

July 1, 2014 to June 30, 2015

- **Communication Sciences and Disorders**
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- **Health Studies**
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- **Nursing**
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- **Occupational Therapy**
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School of Communication Sciences and Disorders

Scott Adams

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Lisa Archibald

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Marlene Bagatto

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Margaret Cheesman

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Alison Dykstra

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Mary Beth Jennings

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Janis Oram Cardy

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David Purcell

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Frances Richert

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Susan Schurr

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Susan Scollie

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Susan Stanton

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School of Health Studies

Dan Belliveau

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Shauna Burke

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Jennifer Irwin

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Andrew Johnson

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GRANT APPLICATION SUCCESS RATE (JULY 1, 2014 TO JUNE 30, 2015)
EXTERNAL FUNDING COMPETITIONS (TRI-COUNCIL)

CANADIAN INSTITUTES OF HEALTH RESEARCH (CIHR)	APPLICATIONS SUBMITTED	APPLICATIONS AWARDED	SUCCESS RATE	TOTAL AMOUNT AWARDED
CIHR - Canadian Consortium on Neurodegeneration in Aging (CCNA)	1	1	100%	\$724,648
CIHR - Dissemination Grant	1	0	0%	\$0
CIHR - eHIPPP Operating Grant	2	1	50%	\$1,480,742
CIHR - Foundation - Phase 1	11	1	9%	\$0
CIHR - Foundation - Phase 2	1	0	0%	\$0
CIHR - Knowledge Synthesis Grant	3	2	67%	\$200,000
CIHR - Team Grant in Boys' and Men's Health	2	1	50%	\$1,500,000
CIHR - Team Grant: Pathways IRT Component 2 - LOI	1	1	100%	\$12,490
CIHR - Transitional Operating Grant	10	1	10%	\$848,326
CIHR/NSERC - CHRP	2	0	0%	\$0
CIHR TOTAL	34	8	24%	\$4,766,206

NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL OF CANADA (NSERC)	APPLICATIONS SUBMITTED	APPLICATIONS AWARDED	SUCCESS RATE	TOTAL AMOUNT AWARDED
NSERC - Collaborative Research and Development Grant	1	1	100%	\$30,816
NSERC CREATE LOI	1	0	0%	\$0
NSERC DG	3	2	67%	\$285,000
NSERC RTI	1	0	0%	\$0
NSERC TOTAL	6	3	50%	\$415,446

SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL OF CANADA (SSHRC)	APPLICATIONS SUBMITTED	APPLICATIONS AWARDED	SUCCESS RATE	TOTAL AMOUNT AWARDED
SSHRC - Sport Canada	1	1	100%	\$134,000
SSHRC - Connection Grants	1	1	100%	\$7,219
SSHRC - IDG	2	1	50%	\$68,732
SSHRC IG	2	0	0%	\$0
SSHRC TOTAL	6	3	50%	\$209,951

TRI-COUNCIL TOTALS	APPLICATIONS SUBMITTED	APPLICATIONS AWARDED	SUCCESS RATE	TOTAL AMOUNT AWARDED
CIHR	34	8	24%	\$4,766,206
NSERC	6	3	50%	\$315,816
SSHRC	6	3	50%	\$209,951
TRI-COUNCIL TOTAL	46	14	30%	\$5,291,973

CANADA RESEARCH CHAIRS (CRC) TOTALS	APPLICATIONS SUBMITTED	APPLICATIONS AWARDED	SUCCESS RATE	TOTAL AMOUNT AWARDED
CRC Tier 1	1	1	100%	\$2,000,000
CRC TOTAL	1	1	100%	\$224,561

EXTERNAL FUNDING TOTAL - Tri-Council/CRC	47	15	32%	\$7,291,973
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External and Internal Grant Funding

July 1, 2014 to June 30, 2015

OTHER EXTERNAL FUNDING COMPETITIONS

OTHER EXTERNAL COMPETITIONS	APPLICATIONS SUBMITTED	APPLICATIONS AWARDED	SUCCESS RATE	TOTAL AMOUNT AWARDED
AGE-WELL NCE	2	2	100%	\$851,376
AHSC AFP INNOVATION FUND	1	1	100%	\$140,691
AMS Phoenix Foundation - LOI	1	0	0%	\$0
AMS Phoenix Foundation	1	1	100%	\$224,000
Asia Pacific Foundation	1	0	0%	\$0
Atlantic Canada Opportunities Agency (ACOA), Excite Corporation, Memorial University, NL government	1	1	100%	\$1,392,000
Audioscan	1	1	100%	\$20,000
AUTO 21: KTF Grant	1	1	100%	\$12,000
Behavioural Supports Ontario (BSO) and Women's Christian Association (WCA) London	1	1	100%	\$51,000
Brain Canada - MIRI	1	0	0%	\$0
Bruyere Research Institute	1	1	100%	\$45,254
Canadian Cancer Society - Prevention Grant	1	0	0%	\$0
Canadian Pain Society Early Career Researcher Award	1	1	100%	\$50,000
CFREF - Internal LOI	1	0	0%	\$0
CMHA - Middlesex	1	1	100%	\$10,000
Concept 2 Morrisville	1	1	100%	\$800
Department of Foreign Affairs, Trade and Development Canada (formerly CIDA)	1	1	100%	\$8,962,290
Genome Canada - GAPP	1	0	0%	\$0
Heart and Stroke Foundation - GIA	1	0	0%	\$0
Hotpathz, Inc.	1	1	100%	\$98,525
Hudson Boatworks	1	1	100%	\$10,000
Institute for Education Sciences - Special Education Research Grant Program	1	0	0%	\$0
International Association for the Study of Pain	1	1	100%	\$15,000
Kidney Foundation of Canada Research Award	1	0	0%	\$0
Ministry of Colleges Training and Universities - COU	1	1	100%	\$75,000
MOHLTC	1	0	0%	\$0
NASSM	1	1	100%	\$4,485
NHS - England Nursing Technology Fund	1	1	100%	\$500,000
NIH: CRRLD Pilot Project	1	1	100%	\$14,969
NIH: RO1	1	0	0%	\$0
NWT Government, Gwich'in Tribal Council	1	1	100%	\$174,862
OCE - TalentEdge Internship Program (TIP)	1	1	100%	\$50,000
OCE - Voucher for Productivity and Innovation	1	1	100%	\$51,368
Ontario Mental Health Foundation - New Investigator Fellowships	2	0	0%	\$0
Ontario Research Fund - Early Researcher Award	2	1	50%	\$150,000
Ontario Brain Institute, Entrepreneurs Program	1	0	0%	\$0
Ontario Local Poverty Reduction Fund	1	1	100%	\$133,814
Ontario Ministry of Children and Youth Services	1	1	100%	\$140,000

OTHER EXTERNAL COMPETITIONS (CONTINUED)

OTHER EXTERNAL COMPETITIONS	APPLICATIONS SUBMITTED	APPLICATIONS AWARDED	SUCCESS RATE	TOTAL AMOUNT AWARDED
Ontario Ministry of Labour: Research Opportunities Program (ROP)	2	2	100%	\$108,697
Ontario Research Coalition of Institutes/Centres on Health Aging	1	0	0%	\$0
Ontario Research Fund - GAPP	1	0	0%	\$0
Ontario Research Fund - RE	1	0	0%	\$0
Ontario Society of Occupational Therapists	1	1	100%	\$5,000
Ontario SPOR Support Unit	2	0	0%	\$0
Oticon A/S	1	1	100%	\$35,000
Parkinson Society of Canada - Pilot	1	1	100%	\$40,915
Phase II Evaluation of the Adopting Research to Improve Care (ARTIC) Program	1	0	0%	\$0
Public Health Agency of Canada	1	1	100%	\$975,000
Public Health Agency of Canada - Supporting the Health of Victims of Violence	1	0	0%	\$0
Rick Hansen Institution	1	1	100%	\$300,000
Shire Pharmaceuticals	1	0	0%	\$0
TEKES, Finland	1	1	100%	\$1,065,000
The Colorado Trust, Convenings Grant	1	1	100%	\$18,940
The Hearing Foundation of Canada	1	1	100%	\$18,000
Thrasher Foundation	1	0	0%	\$0
University of Manitoba, Internal Award	1	1	100%	\$20,000
Waterloo North Hydro	1	1	100%	\$8,505
Wenner Gren Foundation	1	0	0%	\$0
Workers Compensation Board of Manitoba	1	1	100%	\$63,549
OTHER EXTERNAL COMPETITIONS TOTAL	64	39	61%%	\$15,836,040

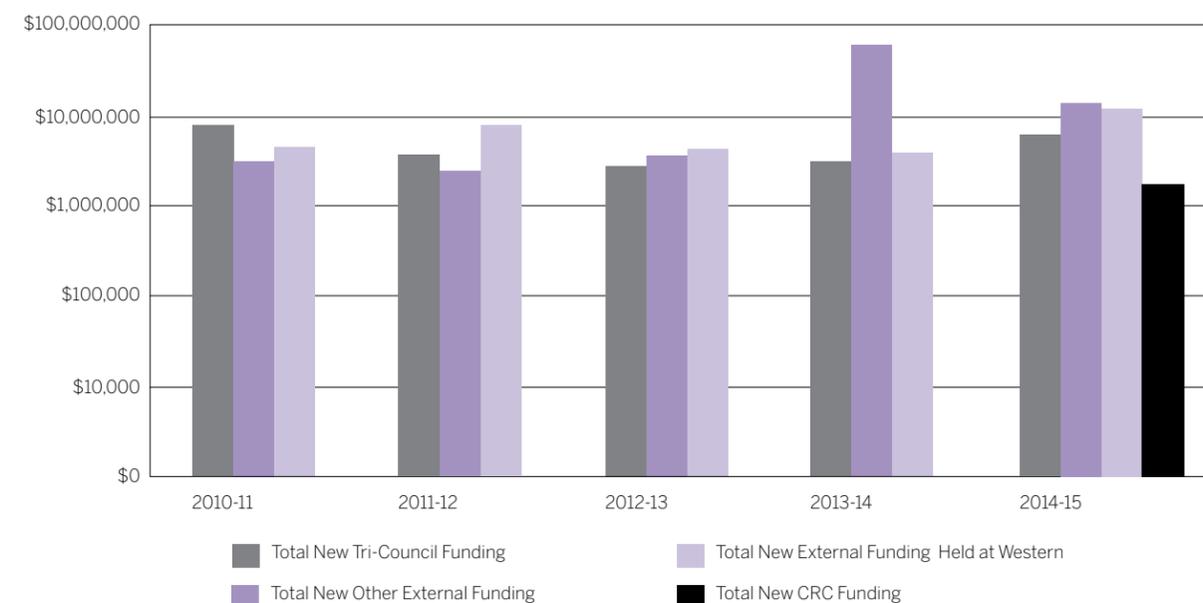
INTERNAL COMPETITIONS	APPLICATIONS SUBMITTED	APPLICATIONS AWARDED	SUCCESS RATE	TOTAL AMOUNT AWARDED
Bone and Joint Institute Catalyst Grant Competition, Western	1	1	100%	\$25,964
Faculty Scholar	2	2	100%	\$28,000
FHS - PDF Award	8	1	13%	\$40,000
FRDF - Collaborative/Planning Grant	3	2	67%	\$6,768
FRDF - Research Grant	5	3	60%	\$13,861
FRDF - Travel Grant	3	1	33%	\$1,500
Lawson Internal Research Fund – Pilot Projects	2	0	0%	\$0
MHSRB - Western Strategic Support of CIHR Success	1	1	100%	\$23,649
SERB - Western Strategic Support of NSERC Success	1	1	100%	\$24,942
SSHRB - Western Strategic Support of SSHRC Success	2	2	100%	\$36,311
Teaching Support Centre	1	0	0%	\$0
Western Innovation Fund	1	1	100%	\$40,000
INTERNAL COMPETITIONS TOTAL	30	15	50%	\$240,995

HISTORICAL SUMMARY – FHS ANNUAL NEW FUNDING TOTALS	2010-11	2011-12	2012-13	2013-14	2014-15
Total New External Funding Held Outside Western	\$7,018,617	\$3,362,404	\$2,848,882	\$66,296,130	\$8,109,058
Total New External Funding Held At Western	\$5,548,712	\$8,788,946	\$5,372,517	\$4,813,926	\$15,018,955
Total of All New External Funding	\$12,567,329	\$12,151,350	\$8,221,399	\$71,110,056	\$23,128,013
Total New Internal Funding	\$661,021	\$131,777	\$116,248	\$693,033	\$240,995
NEW FUNDING GRAND TOTAL	\$13,228,350	\$12,283,127	\$8,337,647	\$71,803,089	\$23,369,008

Total New Tri-Council Funding	\$8,579,876	\$4,809,735	\$3,569,238	\$4,296,329	\$7,291,973
Total New Other External Funding	\$3,617,763	\$3,125,135	\$4,606,703	\$66,589,166	\$15,836,040
Total New CFI (+ORF) Funding	\$369,960	\$4,216,480	\$45,458	\$224,561	-
Total New CRC Funding					\$2,000,000

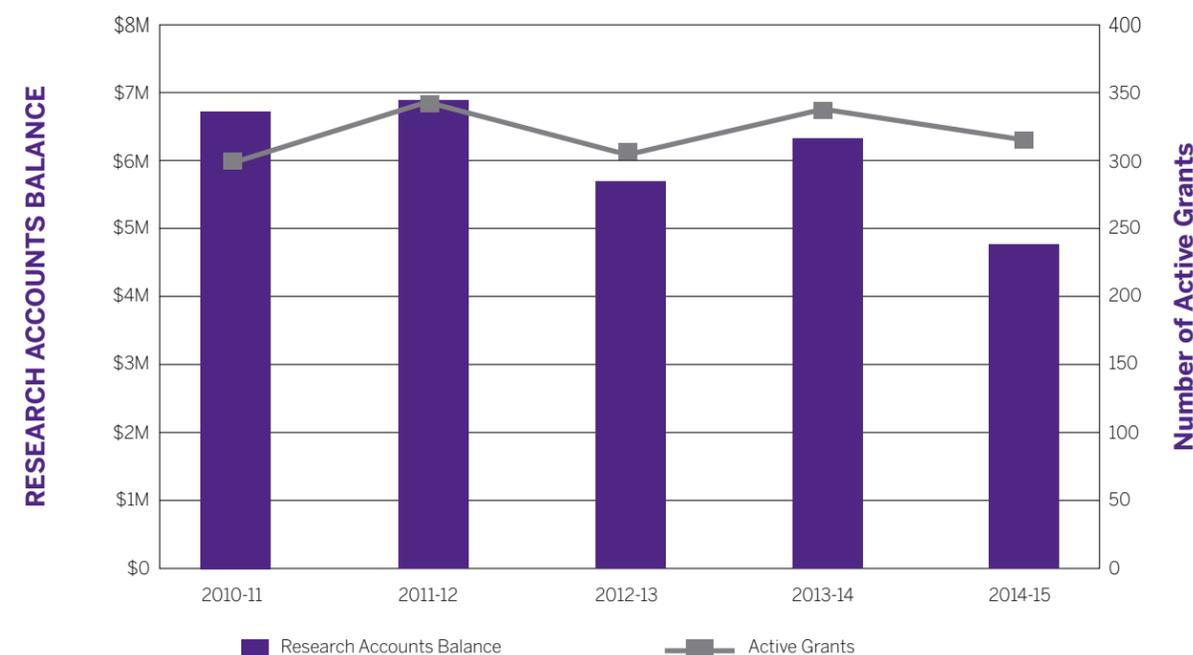
HISTORICAL SUMMARY – FHS ANNUAL TOTALS	2010-11	2011-12	2012-13	2013-14	2014-15
Internal Applications Success Ratio	18/37 (49%)	17/43 (40%)	11/30 (37%)	19/28 (68%)	15/30 (50%)
External Applications Success Ratio	23/51 (45%)	23/50 (46%)	18/44 (41%)	40/70 (57%)	39/64 (64%)
Tri-council Applications Success Ratio	24/51 (47%)	15/46 (33%)	8/36 (22%)	25/59 (42%)	14/47 (30%)
CFI/ORF Success Ratio	2 of 3	2 of 2	1 of 1	1 of 1	-
CRC Success Ratio					1 of 1

ANNUAL NEW FUNDING AWARDED*



* Total value of new funding awarded to projects having FHS members as leaders or participants

FHS ANNUAL RESEARCH ACCOUNTS BALANCE AND ACTIVE GRANTS (Source: Western IPB)



Successful Grant Applications

July 1, 2014 to June 30, 2015

SCHOOL OF COMMUNICATION SCIENCES AND DISORDERS

EXTERNAL GRANTS

FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Orange JB	McRae K	Fraser A, Jenkins M, Orange JB, Roberts A	Parkinson Society of Canada – Pilot	"She will drive the ___": Predictive language comprehension in persons with Parkinson disease	\$40,915
Purcell D	Aiken S	Kiefte M, Wang J, Purcell D	The Hearing Foundation of Canada	Objective Assessment of Age-Related Temporal Processing Dysfunction	\$18,000
Scollie S	Scollie S		Audioscan	Evaluation of accuracy of real ear measurement protocols	\$20,000
Scollie S	Scollie S		Ontario Ministry of Children and Youth Services	Support and development of protocols for the Ontario infant Hearing Program	\$140,000
Scollie S	Scollie S		Oticon A/S	Verification of a prototype frequency lowering processor	\$35,000
Stanton S	Young TL	Stanton S, Bruce I	Atlantica Canada Opportunities Agency (ACOA), Excite Corporation, Memorial University, NL government	Genomics Hearing Research Centre	\$1,392,000

INTERNAL GRANTS

FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Archibald L	Archibald L		Faculty Scholar		\$14,000
Moodie S	Moodie S	Hutchison L	SSRB - Western Strategic Support of SSHRC Success	Motivation and self-regulation in children with hearing loss	\$18,311
Scollie S	Scollie S	Moodie S, Macpherson E, Parsa V	Western Innovation Fund	Support for Development of DSL v6	\$40,000

SCHOOL OF HEALTH STUDIES

EXTERNAL GRANTS					
FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Burke S	Burke S		ERA	CHAMP Families: Designing and implementing a community-based program of research targeting childhood obesity via health-related behaviours and literacy	\$150,000
Fitzsimmons D	Fitzsimmons D, Mawson S		NHS England Nursing Technology Fund	Community Palliative Care Enhanced Data and Communication	£250,000
Kothari A	Kothari A		Bruyere Research Institute	Identifying and Understanding the Contributions of Long Term Care Systems Research	\$45,254
Melling J	Melling J	Noble EG	NSERC DG	Regulation of hepatic mediated glucose release following hypoglycemic stress	\$120,000
Savundranayagam M		Roberts A, Orange JB, Carter M, Crawford S, Johnson K	Behavioural Supports Ontario (BSO) and Women's Christian Association (WCA) London	Building family caregiver skills for managing behavioural problems in dementia: Development, implementation and evaluation of a novel training approach	\$51,000
Sibbald S	Crooks C	Hughes R et al, Sibbald S	Public Health Agency of Canada	The Fourth R: Promoting Readiness, Fit and Delivery System Capacity to Maximize Reach and Impact in Five Provinces and Territories, Innovation Strategy, Phase 3	\$975,000
Zecevic A	McKay H, Sims-Gould J	Herman M, Scott V, Robinovitch S, Phinney A, Khan K, Winters M, Mackey D, Feldman F, Mahmood A, Hoppmann C, Tong C, Lang A, Zecevic A	CIHR Team Grant in Men's Health	Shape the Path-targeting the health and mobility of older men through key community partnerships	\$1,500,000

INTERNAL GRANTS					
FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Burke S	Burke S	Estabrooks P, Petrella R	FRDF - Research Grant	Engaging Parents: Enhancing the Effectiveness of the CHAMP via the Development of Electronic Theory-Based Parenting Resources	\$4,000
Kothari A	Kothari A	Regan S, Zecevic A	MHSRB - Western Strategic Support of CIHR Success	Chronic Disease Prevention Services Integration: Public Health and Third Sector Organizations	\$23,649
Melling J	Melling J		SERB - Western Strategic Support of NSERC Success	Regulation of hepatic-mediated glucose release following hypoglycemic stress	\$24,942
Melling J	Melling J		FRDF - Research Grant	NSERC Development Grant	\$4,931
Sibbald S	Sibbald S	Zecevic A, Terry A, Kothari A, Charland L	FRDF Collaborative/Planning Grant	Development and Evaluation of a Regional Ethics Network	\$2,768

SCHOOL OF KINESIOLOGY

EXTERNAL GRANTS					
FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Dickey J	Dickey J		NSERC - Collaborative Research and Development Grant	Development of a Standardized Protocol that quantifies kinematic and Kinetic effects of Protective Equipment on the Human Body	\$30,816
Dickey J	Dickey J		OCE - TalentEdge Internship Program (TIP)	Quantification of ice hockey goaltender leg pad wear over a year of normal use, and their effect on goaltender body kinematics	\$50,000
Dickey J	Eger T	Dickey J, Burgess-Limerick R, Godwin A	Ontario Ministry of Labour: Research Opportunities Program (ROP)	Validation and Efficacy of a Simple Tool for WBV Measurement and Exposure Management	\$58,836
Dickey J	Eger T	Dickey J, Godwin A, Oliver ML	Ontario Ministry of Labour: Research Opportunities Program (ROP)	Evaluation of Personal Protective Equipment as a control Strategy to Reduce Foot-transmitted Vibration	\$49,861
Dickey J	Dickey J		Waterloo North Hydro	Quantification of Whole-Body Vibration Levels in Bucket Trucks	\$8,505
Dickey J	Bigelow P	Dickey J	Workers Compensation Board of Manitoba	Intervening in the Transportation Sector to Reduce Driver Fatigue, Low Back Pain, Discomfort and Increase Vehicle Safety	\$63,549
Doherty A	Parks J	Doherty A, Misener K, Schlesiner T	NASSM	Legitimacy for Capacity? An Investigation of the Role of Certification in Community Sport Organizations	\$4,485
Forsyth J	Wilk P	Forsyth J, et al	CIHR Team Grant: Pathways IRT Component 2 LOI	The healthy weights connection: Scaling up a public health system intervention	\$12,490
Heine M	Heine M, Kritsch I		NWT Government, Gwich'in Tribal Council	Teet'it Gwich'in Cultural History Multi-Year Project	\$174,862
Kowalchuk J	Kowalchuk J		NSERC DG	Regulation of gas exchange and metabolism in exercise, system limits and age-related modulation	\$165,000
Misener L	Taks M	Misener L, Chalip L, Green BC	SSHRC - Sport Canada	Building Capacity for Sport Participation through Events	\$134,000
Mottola M	Mottola M		CIHR KT Synthesis	Evidence-based update to the Canadian Clinical Practice Guidelines for exercise during pregnancy: Optimizing maternal/fetal health	\$100,000
Nolte V	Nolte V		Concept 2 Morrisville	Testing of three pairs of sculls with new blades	\$800
Nolte V	Nolte V	Bechard D	Hudson Boatworks	Biomechanics Rowing Measurement System; Peach System	\$10,000
Shoemaker JK	Fraser D	Shoemaker JK	AHSC AFP INNOVATION FUND	Functional Recovery in Critically Ill Children: The "WEE-COVER" Longitudinal Cohort Study	\$140,691
Shoemaker JK	Shoemaker JK	Fraser D, Cepinskas G, Daley M, Dekaban G, Summers K, St. Lawrence K	CIHR Transitional Operating Grant	Cerebrovascular outcomes in ischemic heart disease patients undergoing cardiac rehabilitation	\$848,326
Shoemaker JK	Peltonen J	Shoemaker JK, Petrella R, et al	TEKES, Finland	Motivation makes the Move	€ 710,000

SCHOOL OF KINESIOLOGY (continued)

INTERNAL GRANTS					
FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Schneider A	Schneider A	Forsyth J	SSRB - Western Strategic Support of SSHRC Success	Barriers to women's participation in competitive sports: An ethical analysis of gender embodiment and enhancement demonstration project	\$18,000
Shoemaker JK	Shoemaker JK	Birmingham T	FHS - PDF Award	Cerebrovascular Co-Morbidities in Knee Osteo-arthritis	\$40,000
Shoemaker JK	Shoemaker JK	Birmingham T, Al-Kazhraj B	Bone and Joint Institute Catalyst Grant Competition, Western	Cerebrovascular Control in Osteo-arthritis	\$25,964

ARTHUR LABATT FAMILY SCHOOL OF NURSING

EXTERNAL GRANTS					
FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Babenko-Mould Y	Malette C, Rose D	Andrusyszyn MA, Babenko-Mould Y	AMS Project Phoenix Funding to COUPN	Exploring Caring in Nursing Curricula in Ontario: A Provincial Nursing Education Initiative	\$224,000
Babenko-Mould Y	Cechetto D	Babenko-Mould Y, et al	Department of Foreign Affairs, Trade and Development Canada (formerly CIDA)	Maternal, Newborn, and Child Health Training Support and Access Model	\$8,962,290
Donelle L, Regan S	Donelle L, Regan S	Bauer M, Borycki E, Forbes D, Gaudet A, Hoch J, Isaranuwachai W, Kerr M, Loyola M, McClusky K, Milak G, Peters P, Ruptash T, Sangster-Gormley E, Stevens S, Warner G, Zecevic A, Zwarenstein M	CIHR -eHIPP Operating Grant	Caring near and far – a multi province investigation of remote monitoring technologies connecting community based older adults and their care team	\$1,480,742
Forchuk C	Forchuk C		Ontario Local Poverty Reduction Fund	Prevention of Homelessness Among Families	\$133,814
Laschinger H	Laschinger H		CIHR Foundation - Phase 1	Optimizing Health Human Resources Development and Retention	\$0
Oudshoorn A	Oudshoorn A	Forchuk C, Hall J, Smith-Carrier T	CMHA - Middlesex	An Evaluation of Homes 4 Women	\$10,000
Oudshoorn A	Oudshoorn A	Berman H, Forchuk C, Gaetz S	SSHRC Connection Grants	Framework for Ending Women's and Girl's Homelessness	\$7,219

INTERNAL GRANTS					
FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Booth R	Booth R		FRDF - Collaborative/Planning Grant	Social Media and Public Health: Building a Research Program to Explore Best-Practices and Evaluation Methodologies of Health Interventions Delivered via Social Networking Technology	\$4,000

SCHOOL OF OCCUPATIONAL THERAPY

EXTERNAL GRANTS					
FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Classen S	Rapoport M	Charlton J, Dow J, Marshall S, Molnar F, Classen S et al	CIHR KS	A Collaborative International Knowledge Synthesis to Update Guidelines for Determining Medical Fitness to Operate Motor Vehicles	\$100,000
Classen S	Classen S		Hotpathz, Inc.	Efficacy of the Drive Fit application on the simulated driving performance of healthy teen drivers	\$98,525
Hand C	Hand C	Hand C, Howrey B	NIH: CRRRLD Pilot Project	Exploring the Influence of Neighborhood Characteristics and Functional Limitations on Physical and Social Participation Trajectories among Older Adults - Project Information	\$14,969
Hand C	Hand C		Ontario Society of Occupational Therapists	Exploring Methods to Evaluate Occupational Therapy Interventions in Primary Care: A Focus on Falls Programming	\$5,000
Hand C	Hand C	Rudman D, Huot S, Gilliland J	SSHRC IDG	Exploring the Person-Place Transactions Underpinning Social Connectedness and Inclusion among Older Adults: Creating an Innovative and Interdisciplinary Method	\$68,732
Hand C	Retrum J	Hand C, WareG, Iwasaki P, Main D	The Colorado Trust, Convenings Grant	Understanding Social Isolation in Seniors Living in Five Urban Neighborhoods	\$18,940
Hand C	Leclair L	Hand C, Wener P, Donnelly C, Letts L	University of Manitoba, Internal Award	Establishing occupational therapy performance indicators in a primary care setting: A Delphi Study	\$20,000
Holmes J	Holmes J		OCE: Voucher for Productivity and Innovation	Validation of BrainFx 360 Research Pilot Program	\$51,368
Kinsella A	Kinsella A, Bossers A	Ferguson K, MacPhail A, Schurr S, Moosa T, Jenkins K, Whitehead J	MCTU - COU	Preceptor education modules: Online Ontario Initiative	\$75,000
Polgar J	Polgar J, Rudzicz F	Boger J	AGE-WELL NCE	CARE RATE: Online Assistive Technology Rating and Recommending System for Care-givers	\$298,090
Polgar J	Michaud F, Nejat G	Polgar J, Patenaude J, Tousignant M	AGE-WELL NCE	VIGIL: Mobile Robotics for Activities of Daily Living Assistance	\$553,286
Polgar J	Bedard M, Polgar J		AUTO 21: KTF Grant	A comprehensive training approach to enhance safe driving in older adults	\$12,000

SCHOOL OF OCCUPATIONAL THERAPY (continued)

INTERNAL GRANTS					
FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Kinsella A	Kinsella A		Faculty Scholar		\$14,000
Huot S	Huot S		FRDF - Travel Grant	The differential value of symbolic capital: Occupational implications within varying social fields of practice	\$1,500
Hand C	Hand C		FRDF - Research Grant	Examining Methods to Explore Neighbourhood Supports for Social Connectedness and Participation	\$4,930

SCHOOL OF PHYSICAL THERAPY

EXTERNAL GRANTS					
FACULTY MEMBER	PI	CO-PI, CO-A, ETC.	AGENCY	TITLE	AMOUNT AWARDED
Birmingham TB	Birmingham TB		Canada Research Chair - Tier 1	Tier 1 CRC in Musculoskeletal Rehabilitation	\$2,000,000
Houghton P	Houghton P	Wolfe D, Lala D, et al	Rick Hansen Institution	Best practice implementation of electrical stimulation for healing pressure ulcers in community dwelling persons with spinal cord injury	\$300,000
Hunter S	Montero-Odasso M, Bherer L	Almeida Q, Burham AM, Camicioli R, Doyon J, Fraser S, Hunter SW, Li K, Liu-Ambrose T, Middleton L, Morais J, McIlroy W, Speechley M, Vasudev A	CIHR - Canadian Consortium on Neurodegeneration in Aging (CCNA)	Motor Exercise & Cognition Team grant	\$724,648
Walton D	Walton D		Canadian Pain Society Early Career Researcher Award	Modeling the transition from acute to chronic pain using stress-system dysregulation as a framework	\$50,000
Walton D	Walton D	Schabrun S	International Association for the Study of Pain	Establishing psychobiological predictors of acute musculoskeletal pain: an international collaborative study	\$15,000

LISTINGS BY SCHOOL (JULY 1, 2014 TO JUNE 30, 2015)

FULL-TIME FACULTY MEMBERS

SCHOOL OF COMMUNICATION SCIENCES AND DISORDERS

Adams, Scott	Professor
Allen, Prudence	Associate Professor
Archibald, Lisa	Associate Professor
Cardy, Janis	Associate Professor
Cheesman, Margaret	Associate Professor
Doyle, Philip	Professor
Dykstra, Allyson	Assistant Professor
Fisher, Randi	Lecturer
Jennings, Mary Beth	Associate Professor
Macpherson, Ewan	Assistant Professor
Martin, Ruth	Professor
Moodie, Shane	Lecturer
Moodie, Sheila	Assistant Professor
Moosa, Taslim	Lecturer
Orange, J.B.	Professor
Parsa, Vijay	Associate Professor
Purcell, David	Associate Professor
Richert, Frances	Lecturer
Schurr, Susan	Lecturer
Scollie, Susan	Associate Professor
Scott, Jack	Lecturer
Skarakis-Doyle, Betsy	Professor
Stanton, Susan	Associate Professor
Warr-Leeper, Genese	Associate Professor

SCHOOL OF HEALTH STUDIES

Belliveau, Dan	Associate Professor
Burke, Shauna	Assistant Professor
Charland, Louis	Associate Professor
Fitzsimmons Deborah	Assistant Professor
Irwin, Jennifer	Associate Professor
Johnson, Andrew	Associate Professor
Kirkwood, Ken	Assistant Professor
Kloseck, Marita	Associate Professor
Kothari, Anita	Associate Professor
Lee, Chris	Associate Professor
Melling, Jamie	Assistant Professor
Orchard, Treena	Assistant Professor
Polzer, Jessica	Associate Professor
Savundranayagam, Marie	Assistant Professor
Sibbald, Shannon	Assistant Professor
Snowdon, Anne	Associate Professor
Zecevic, Aleksandra	Associate Professor

SCHOOL OF KINESIOLOGY

Belfry, Glen	Assistant Professor
Buckolz, Eric	Professor
Croley, Vickie	Lecturer
Danylchuk, Karen	Associate Professor
Dickey, James	Associate Professor
Doherty, Alison	Associate Professor
Fischer, Lisa	Professor
Forsyth, Janice	Assistant Professor
Hall, Craig	Assistant Professor
Heath, Matthew	Professor
Heine, Michael	Professor
Humphreys, David	Assistant Professor
Jenkyn, Tom	Lecturer
Kowalchuk, John	Associate Professor
LaRose, Bob	Professor
Lemon, Peter	Assistant Professor
Lowrie, Dean	Professor
Marsh, Greg	Lecturer
Misener, Laura	Associate Professor
Morrow, Don	Professor
Mottola, Michelle	Professor
Noble, Earl	Professor
Nolte, Volker	Assistant Professor
Paterson, Don	Professor
Prapavessis, Harry	Professor
Rice, Charles	Professor
Salmoni, Al	Professor
Schneider, Angela	Professor
Shoemaker, Kevin	Associate Professor
Singer, Clarke	Professor
Takahashi, Ray	Lecturer
Wamsley, Kevin	Lecturer
Weese, James	Professor

ARTHUR LABATT FAMILY

SCHOOL OF NURSING

Andrusyszyn, Mary-Anne	Professor
Anthony, Susan	Lecturer
Babenko-Mould, Yolanda	Assistant Professor
Berman, Helene	Professor
Booth, Richard	Assistant Professor
Denomy, Eileen	Lecturer
Donelle, Lorie	Associate Professor
Evans, Marilyn	Associate Professor
Ferguson, Karen	Lecturer
Forchuk, Cheryl	Professor
Ford-Gilboe, Marilyn	Professor
Hancock, Michele	Lecturer
Iwasiw, Carroll	Professor

ARTHUR LABATT FAMILY

SCHOOL OF NURSING (continued)

Kerr, Michael	Associate Professor
Knip, Aileen	Lecturer
Laschinger, Heather	Professor
Leipert, Beverly	Professor
Moore-Hepburn, Judith	Lecturer
Orchard, Carole	Associate Professor
Oudshoorn, Abram	Assistant Professor
Platt, Nancy	Lecturer
Regan, Sandra	Assistant Professor
Reid, David	Lecturer
Riddell, Thelma	Lecturer
Sinclair, Barbara	Lecturer
Timbrell, Jessica	Lecturer
Ward-Griffin, Catherine	Professor
Wong, Carol	Associate Professor

SCHOOL OF OCCUPATIONAL THERAPY

Bossers, Ann	Associate Professor
Classen, Sherrilene	Professor
Dennis, Donna	Assistant Professor
Hand, Carri	Assistant Professor
Holmes, Jeffrey	Assistant Professor
Huot, Suzanne	Assistant Professor
Kinsella, Anne	Associate Professor
Magalhães, Lilian	Associate Professor
Mandich, Angie	Associate Professor
Miller, Linda	Associate Professor
Polgar, Jan	Professor
Ravenek, Michael	Assistant Professor
Rudman, Debbie	Assistant Professor
Spaulding, Sandi	Professor
Tucker, Patricia	Assistant Professor

SCHOOL OF PHYSICAL THERAPY

Bartlett, Doreen	Professor
Birmingham, Trevor	Professor
Brown, Janet	Lecturer
Bryant, Dianne	Associate Professor
Chesworth, Bert	Associate Professor
Connelly, Denise	Associate Professor
Houghton, Pamela	Professor
Lucy, Deb	Associate Professor
MacPhail, Ann	Lecturer
Muir-Hunter, Susan	Assistant Professor
Obright, Kathy	Associate Professor
Overend, Thomas	Associate Professor
Sadi, Jacqueline	Lecturer
Vandervoort, Tony	Professor
Walton, Dave	Assistant Professor



Western
HealthSciences

Office of the Dean
Arthur and Sonia Labatt Health Sciences Building
Western University

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