Faculty of Health Sciences

2015-16 Scholarship Report

Creating Better Tomorrows
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. The October 2016 ratification of the FHS Strategic Research Plan: Framing Our Future, is a significant milestone that, in conjunction with the information on these pages, helps us to understand better where we have been in order to look to the future. While the Strategic Plan will evolve as new areas of growth emerge, four Signature Areas reflect our current strengths: On the Move; Social Determinants of Health; Health Information and Technology; and Changing Health Services, Systems, and Policy.

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 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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2015-16 FACULTY OF HEALTH SCIENCES LEADERSHIP TEAM
Jayne Garland, PhD
Dean
Helene Berman, PhD
Associate Dean (Research)
Ruth Martin, PhD
Associate Dean (Graduate and Postdoctoral Programs)
Karen Danylchuk, EdD
Associate Dean (Programs)
J.B. Orange, PhD
Director, School of Communication Sciences and Disorders
Dan Belliveau, 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
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
3,356 Undergraduate students
792 Graduate students
126 Full-time faculty members
71 Full-time staff

RESEARCH CENTRES
• National Centre for Audiology
• Canadian Centre for Activity and Aging
• International Centre for Olympic Studies
• Centre for Research on Health Equity and Social Inclusion

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

GREETINGS AND TABLE OF CONTENTS
Creating better tomorrows

RESEARCH WITH IMPACT

The common thread tying many researchers in the Faculty of Health Sciences (FHS) together is how their research improves the quality of life of people in our community, across our country, and around the world.

With a commitment to bettering the lives of others, the researchers profiled here showcase just some of the ways that discoveries being made at Western are framing the future of health across disciplines.

Technology transforms the way we live

But can we transform technology? Can our individual and societal needs drive the change? Assistant professor Liliana Alvarez is passionate about discovering how technology can help at-risk populations participate in the daily activities that give meaning to their lives. Including assistive, simulation and automation technologies, her recent work specifically focuses on the use of technology in support of at-risk drivers. Trained in both the health and engineering sciences, she seeks to uncover new ways to harness the potential of technology to enhance the health and well-being of those at-risk.

Supporting families of children with hearing loss

Permanent hearing loss is one of the most common disorders present from birth. Relevant and timely support and intervention are important for families of children identified with hearing loss because the majority of these children will be born to parents with normal hearing who were not expecting the diagnosis. Assistant professor Sheila Moodie is conducting research using integrated knowledge translation approaches on frameworks, guidelines and materials to augment and strengthen parent-to-parent and professional-to-family support programs so that family well-being, knowledge and empowerment are central tenets of early hearing detection and intervention programs.

Supporting health through technology

How people interact and use technology to support health and healthcare are both timely and growing areas of needed research inquiry. Assistant professor Richard Booth is seeking to better address this area of research by exploring how we use technology within all domains of health care, clinician education, and society. By using a dynamic research approach that seeks to examine the social and technical elements of technology use, he is attempting to generate new insights for the appropriate and effective use of all forms of technology (e.g., social media, informatics, artificial intelligence) to support the lives and education of people.

Connecting cognitive and physical health

With our aging population, understanding cognitive and brain health in older adults in the community is of the utmost importance. Assistant professor Lindsay Nagamatsu’s research focuses on cognitive impairment as a risk factor for falls and how we can improve executive cognitive functioning through physical activity in those at-risk for cognitive decline. Using advanced neuroimaging techniques (ERPs and fMRI) to examine cognitive function and brain structure and function in older adults, her research has the potential to help older adults improve and maintain functional independence and quality of life.

The ethnography and politics of marginalization

When it comes to advocating for change, associate professor Treena Orchard’s work helps decision makers understand how people interact with the world around them. As an anthropologist with cultural and health-related expertise, she has conducted ethnographic research with women in sex work, people with HIV/AIDS, Indigenous populations, and those of sexual minority status across Canada and in India. Her focused research interests include sexuality and sex work, gender, marginalization, and the politics of health, and she is also involved in local and national activism related to the rights of women and other marginalized populations.

Assessing and preventing falls in older adults

Falls in older adults have serious consequences, including injuries, activity limitation, and institutionalization. Assistant professor Susan Hunter’s research focuses on patient populations in the area of falls assessment and prevention, with special interest in adults with dementia, lower extremity amputees and adults after joint replacements that includes balance, gait and the relationship between cognition and mobility. Trained as both a Physical Therapist and Epidemiologist, she has a unique research vision that encompasses the larger public-health perspective of falls in older adults and translating research into clinical practice.
Faculty Member Publications

July 1, 2015 to June 30, 2016

- Communication Sciences and Disorders pages 5-7
- Health Studies pages 7-10
- Kinesiology pages 10-16
- Nursing pages 16-19
- Occupational Therapy pages 19-21
- Physical Therapy pages 22-24

School of Communication Sciences and Disorders

Scott Adams


Prudence Allen


Lisa Archibald


Marlene Baggato


Mathias Dietz


Phil Doyle


Shauna Burke


Kn Kirkwood


Mariana Klose


Anita Kothari


Treena Orchard


Glen Belfry

Eric Buckholz

Karen Danylchuk


Janice Forsyth


Craig Glenn


Lindsay Nagamatsu


Earl Noble


John Kowalchuk

Biomarkers and Prevention, 25(6), 969-977, DOI:10.1158/1055-4906.PWD-15-0301.


Alman Salmani


Charles Rice


Dalton BH, Power GA, Patuna JR & Rice CL. (2015). Older men are more fatigable than young when matched for maximal power, and dynamic knee extension angular velocity is untrained. AGE (Dordrecht), 37(9):416 pages. DOI: 10.1007/s11135-015-9790-0.


Dalton BH, Power GA, Patuna JR & Rice CL. (2015). Older men are more fatigable than young when matched for maximal power, and dynamic knee extension angular velocity is untrained. AGE (Dordrecht), 37(9):416 pages. DOI: 10.1007/s11135-015-9790-0.


Angela Schneider


Dalton BH, Power GA, Patuna JR & Rice CL. (2015). Older men are more fatigable than young when matched for maximal power, and dynamic knee extension angular velocity is untrained. AGE (Dordrecht), 37(9):416 pages. DOI: 10.1007/s11135-015-9790-0.


Dalton BH, Power GA, Patuna JR & Rice CL. (2015). Older men are more fatigable than young when matched for maximal power, and dynamic knee extension angular velocity is untrained. AGE (Dordrecht), 37(9):416 pages. DOI: 10.1007/s11135-015-9790-0.


Dalton BH, Power GA, Patuna JR & Rice CL. (2015). Older men are more fatigable than young when matched for maximal power, and dynamic knee extension angular velocity is untrained. AGE (Dordrecht), 37(9):416 pages. DOI: 10.1007/s11135-015-9790-0.
Mary-Anne Andrusyszyn


Arthur Labatt Family School of Nursing

Mary-Anne Andrusyszyn


Yolanda Babenko-Mould


Marilyn Evans


Yolanda Babenko-Mould

Mickey Kerr
Ward-Griffin C, Brown J, St. Amant O, Sutherland N, Martin
Professional-Familial Care Boundaries: Striving for Balance.
Journal of Family Nursing, 21(1), 57-85.

Heather Laschinger
Laschinger HKS, Cummings G, Leiter M, Wong C, MacPhee M,
Ritchie J & Read E. (2016). Starting out: A time-lagged study of
new graduate nurses' transition to practice. International
Journal of Nursing Studies, 57, 82-85.

Laschinger HKS, Stutsby & Read EA. (2015). The effect of
leadership support on interprofessional practice, team
effectiveness, and patient safety outcomes. In C. Orchard,
C. Herbert (Eds.). Continuing interprofessional client-centered
collaborative practice: What does it look like? How can it be

Laschinger HKS, Zhu & Read E. (2016). New nurses’
perceptions of professional practice behaviours, quality of
care, job satisfaction and career retention. Journal of Nursing
Management. Advance Online publication. DOI: 10.1111/
jom.12570

of leadership support on interprofessional practice, team
effectiveness, and patient safety outcomes. In C. Orchard,
C. Herbert (Eds.). Continuing interprofessional client-centered
collaborative practice: What does it look like? How can it be

Carole Orchard
client-centered collaborative practice: What does it look like?

interprofessional practice (Chapter 1). In C. Orchard & L.

Orchard C & Bainbridge L. (2015). What is competence in
client-centered collaborative practice? (Chapter 2). In C.
Orchard & L. Bainbridge (Eds.), Interprofessional client-centered
collaborative practice: What does it look like? How can it be


interprofessional client-centered collaborative practice –
challenges and solutions (Chapter 12). In C. Orchard & L.


health, information seeking, and gender identities: A conceptual
theoretical review of the literature. American Journal of Men’s Health. Advance online publication. DOI: 10.1177/1744987115641917

spaces in meaningful places: Women’s health promotion in
DOI:10.1177/0898010114564192

of social determinants, social capital, and health expertise
on health and the rural church. Journal of Holistic Nursing. Advance online publication. DOI:10.1177/0898010115605231

Sandra Regan
Valaitis R, MacDonald M, Kothari A, Mara L, Regan S, Garcia
(2016). Moving towards a new vision: implementation of a
public health policy intervention. BMC public health, 16 412 DOI:
10.1186/s12889-016-3056-3

of empowerment, authentic leadership, and professional
practice environments on nurses’ perceived interprofessional

Laschinger HKS, Cummings G, Leiter M, Wong C, MacPhee M,
Ritchie J & Read E. (2016). Starting out: A time-lagged study of
new graduate nurses’ transition to practice. International
Journal of Nursing Studies, 57, 82-85.

Catherine Ward-Griffin (emerita)
Bebow S, Forchuk C, Gorlick C, Berman H & Ward-Griffin C.

Carol Wong
engagement in professional nursing practice: A systematic
review. International Journal of Nursing Studies, 21, 142-164.

Abie Oudshoorn
Oudshoorn A, Ward-Griffin C, Berman H, Forchuk C & Poland B.
(2016). Relationships in healthcare and homelessness: Exploring
solutions for community, distress and the Homeless. DOI:
10.1058/10530789.2016.1254862

Oudshoorn A & Kirkwood K. (2016). The geographic
scope of Opiate Substitution Therapy in a rural area.
Canada. Drugs: Education, Prevention & Policy. DOI:
10.1080/09687637.2016.1226947

vascular access outcomes: Attributes of AFV cannulation
ckj/fsv158

Forchuk C, Richardson J, Martin G, Warner L, Oudshoorn A, Taan
Addiction Response Strategy (CARExS); Facilitating}System
Service Integration Through Collaborative Best Practices.
In Nichols, Naom, Dobberstein, Carey (Eds.), Exploring Effective
Systems Responses to Homelessness. Toronto: The Homeless
Hub Press.

of leadership support on interprofessional practice, team
effectiveness, and patient safety outcomes. In C. Orchard,
C. Herbert (Eds.). Continuing interprofessional client-centered
collaborative practice: What does it look like? How can it be

Ann Bosssor
therapy education research: Results of a national survey.
American Journal of Occupational Therapy, 70, 2005300100.
http://dx.doi.org/10.5014/ajot.2016.018259

Sherrline Classen
Stellenbosch University on road driving assessment. South
African Journal of Occupational Therapy, 45 (3), 9-15

Classen S, Medzhadz S & *Avarez L. (2015). The Fitness-to-
Drive Screening Measure®: Enabling Caregivers to Detect At-

Classen S, *Avarez L & Medzhadz S. (2016).The Fitness-to-
Drive Screening Measure®: Patterns and Trends for Canadian
Users. The Open Journal of Occupational Therapy, 4, 4 article.
http://dx.doi.org/10.15453/2168-6408.1227

(2016). Developing a Canadian-specific version of the Fitness-
to-Drive Screening Measure®. The Occupational Therapy.
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82-93.

Staplin L, Classen S, Dickerson A, School Davis E & et al. (2016).
A Taxonomy and Terms for Stakeholders in Senior Mobility.
Transportation Research Circular No.E-C211. Washington, DC:
Transportation Research Board.

Reviews: Moving Occupational Therapy Practice and Science
Forward. OTJR: Occupation, Participation and Health, 35 (4),
193-203.

of leadership support on the structural empowerment
and job satisfaction of registered nurses. Journal of
Research in Nursing. Advance online publication. DOI:
10.1177/0898010115605231

Wong CA & Laschinger HKS. (2015). The influence of frontline
manager job strain on burnout, commitment and turnover
intention: A cross-sectional study. International Journal
of Nursing Studies. Advance online publication. DOI:
10.1016/j.ijnurstu.2015.09.006

of empowerment, authentic leadership, and professional
practice environments on nurses’ perceived interprofessional

Laschinger HKS, Cummings G, Leiter M, Wong C, MacPhee M,
of new graduate nurses’ transition to practice. International
School of Occupational Therapy

JULY 1, 2015 TO JUNE 30, 2016

FACULTY OF HEALTH SCIENCES – MEMBER PUBLICATIONS

18

19

underline denotes student
*denotes postdoctoral scholar


Susan Muir-Hunter


Tom Overend


Dave Walton


# External and Internal Grant Funding

**July 1, 2015 to June 30, 2016**

## Canadian Institutes of Health Research (CIHR)

<table>
<thead>
<tr>
<th>Grant Type</th>
<th>Applications Submitted</th>
<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
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<tr>
<td>CIHR - Catalyst Grant</td>
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<td>CIHR - Foundation - Phase 1</td>
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</tr>
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<td>CIHR - Foundation - Phase 2</td>
<td>2</td>
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<td>$0</td>
</tr>
<tr>
<td>CIHR - Knowledge Synthesis Grant</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
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<tr>
<td>CIHR - New Investigator Award</td>
<td>3</td>
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<td>0%</td>
<td>$0</td>
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<tr>
<td>CIHR/NSERC - CHRP</td>
<td>1</td>
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<td>100%</td>
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<tr>
<td>CIHR/NSERC - CHRP LOI</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$0</td>
</tr>
<tr>
<td>CIHR - Operating Grant: Knowledge to Action</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>CIHR - Operating Grant: Population Health Intervention</td>
<td>2</td>
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</tr>
<tr>
<td>CIHR - Partnerships for Health System Improvement</td>
<td>2</td>
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<tr>
<td>CIHR - Planning Grant</td>
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<td>CIHR - Project Grant</td>
<td>11</td>
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<td>CIHR - SPOR Networks in Chronic Disease</td>
<td>2</td>
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<td>$12,500,000</td>
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<tr>
<td><strong>CIHR TOTAL</strong></td>
<td><strong>34</strong></td>
<td><strong>13</strong></td>
<td><strong>38%</strong></td>
<td><strong>$18,252,330</strong></td>
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</table>

## Natural Sciences and Engineering Research Council of Canada (NSERC)

<table>
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<tr>
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<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
</tr>
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<tbody>
<tr>
<td>NSERC - CREATE LOI</td>
<td>1</td>
<td>0</td>
<td>0%</td>
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<tr>
<td>NSERC - Discovery Grant</td>
<td>4</td>
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<tr>
<td>NSERC - Research Tools and Instruments</td>
<td>2</td>
<td>1</td>
<td>50%</td>
<td>$58,562</td>
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<td><strong>NSERC TOTAL</strong></td>
<td><strong>7</strong></td>
<td><strong>5</strong></td>
<td><strong>71%</strong></td>
<td><strong>$663,562</strong></td>
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## Social Sciences and Humanities Research Council of Canada (SSHRC)

<table>
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<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
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</thead>
<tbody>
<tr>
<td>SSHRC - Community and College Social Innovation Fund</td>
<td>1</td>
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<td>$240,000</td>
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<tr>
<td>SSHRC - Insight Development Grant</td>
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<tr>
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<td>SSHRC - Partnership Grant LOI</td>
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<td>$0</td>
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<tr>
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<td>75%</td>
<td>$445,846</td>
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<td><strong>SSHRC TOTAL</strong></td>
<td><strong>13</strong></td>
<td><strong>6</strong></td>
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<td><strong>$1,169,872</strong></td>
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## Tri-Council Totals

<table>
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<tr>
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<th>Success Rate</th>
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<tbody>
<tr>
<td>CIHR</td>
<td>34</td>
<td>13</td>
<td>38%</td>
<td>$18,252,330</td>
</tr>
<tr>
<td>NSERC</td>
<td>7</td>
<td>5</td>
<td>71%</td>
<td>$663,562</td>
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<tr>
<td>SSHRC</td>
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<td>$1,169,872</td>
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<tr>
<td><strong>Tri-Council TOTAL</strong></td>
<td><strong>54</strong></td>
<td><strong>24</strong></td>
<td><strong>44%</strong></td>
<td><strong>$20,085,764</strong></td>
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## CANADA RESEARCH CHAIRS (CRC) TOTALS

<table>
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<th>Applications</th>
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<tr>
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<td>Rate</td>
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<tr>
<td>CRC Tier 2</td>
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<td>$500,000</td>
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<tr>
<td>CRC TOTALS</td>
<td>1</td>
<td>100%</td>
<td>$500,000</td>
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## CANADA FOUNDATION FOR INNOVATION (CFI)

<table>
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<tr>
<th>Applications</th>
<th>Applications</th>
<th>Success</th>
<th>Total Awarded</th>
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</thead>
<tbody>
<tr>
<td>Submitted</td>
<td>Awarded</td>
<td>Rate</td>
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</tr>
<tr>
<td>CFI - JELF</td>
<td>1</td>
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<tr>
<td>CFI TOTALS</td>
<td>1</td>
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## EXTERNAL FUNDING TOTAL - TRI-COUNCIL/CRC

<table>
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<tr>
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<th>Applications</th>
<th>Success</th>
<th>Total Awarded</th>
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<tr>
<td>47</td>
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<td>32%</td>
<td>$729,197</td>
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## OTHER EXTERNAL COMPETITIONS

<table>
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<tr>
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<th>Success</th>
<th>Total Amount</th>
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</thead>
<tbody>
<tr>
<td>Submitted</td>
<td>Awarded</td>
<td>Rate</td>
<td>Awarded</td>
</tr>
<tr>
<td>68</td>
<td>31</td>
<td>46%</td>
<td>$11,937,091</td>
</tr>
</tbody>
</table>

### ALZHEIMER’S ASSOCIATION (USA)
- 2 Applications submitted
- 1 Awarded
- 50% Success Rate
- $115,070 USD

### ALZHEIMER’S SOCIETY OF CANADA RESEARCH GRANT
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### AMERICAN PSYCHOLOGICAL FOUNDATION VISIONARY GRANT
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $24,000 USD

### ARTS AND HUMANITIES RESEARCH COUNCIL (UK)
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- £600,000 UK

### CANADIAN DIABETES ASSOCIATION
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $0

### CARNEGIE AF RICA DIASPORA FELLOWSHIP PROGRAM
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $10,000 USD

### CANADIAN ASSOCIATION OF SCHOOLS OF NURSING - INFOWAY
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $10,000

### CITY OF LONDON, HEALTHY KIDS COMMUNITY FUND
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $20,800

### DEMENTIA COLLABORATIVE RESEARCH CENTRES – DEMENTIA RESEARCH GRANT (AUSTRALIA)
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### DRUMMOND FOUNDATION
- 4 Applications submitted
- 0 Awarded
- 0% Success Rate
- $0

### DYSTROPHY COALITION - CAREER DEVELOPMENT AWARD
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### EARLY RESEARCHER AWARD - ONTARIO
- 5 Applications submitted
- 2 Awarded
- 40% Success Rate
- $300,000

### FARTS-BECK FUND FOR RESEARCH AND EXPERIMENTATION
- 2 Applications submitted
- 1 Awarded
- 50% Success Rate
- $10,000 USD

### FOCUS ON THERAPEUTIC OUTCOMES (FOTO) – DL HART RESEARCH AWARD
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $10,000 USD

### GENERATION UCAN (CONTRACT RESEARCH)
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $15,600

### HEALTH CANADA
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $296,912

### HEALTH QUALITY ONTARIO - ADOPTING RESEARCH TO IMPROVE CARE PROGRAM
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### HEART & STROKE FOUNDATION OF CANADA – GRANTS IN AID
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $297,695

### INDUSTRY RESEARCH CONSORTIUM RFP 2016
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### KIDNEY FOUNDATION OF CANADA – ALLIED HEALTH RESEARCH GRANT
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### L’INSTITUT DE RECHERE ROBERT-SAUVÉ EN SANTE ET EN SÉCURITÉ DU TRAVAIL (IRSSST)
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $250,000

### LAWSON FOUNDATION
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### LAWSON HEALTH RESEARCH INSTITUTE
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $15,000

### MCGILL UNIVERSITY - LOUIS & ARTHUR LUCIAN AWARD
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### MED-EL - RESEARCH CONTRACT
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $46,011

### MINISTRY OF COLLEGES, TRAINING AND UNIVERSITIES – OHCRIF
- 2 Applications submitted
- 0 Awarded
- 0% Success Rate
- $0

### NATIONAL INSTITUTE OF NURSING RESEARCH
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### OMHLC - HEALTH SYSTEM RESEARCH FUND
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### ONTARIO CENTRES OF EXCELLENCE - VOUCHER FOR INNOVATION AND PRODUCTIVITY
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $25,000

### ONTARIO HEALTH SYSTEMS RESEARCH FUND
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### ONTARIO LOCAL POVERTY REDUCTION FUND
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $220,000

### ONTARIO MINISTRY OF CHILDREN AND YOUTH SERVICES - RESEARCH CONTRACT
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $2,919,411

### ONTARIO ONLINE INSTITUTE
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### ONTARIO RESEARCH FUND - LOI
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### ONTARIO RESEARCH FUND - RESEARCH EXCELLENCE
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $2,919,411

### ONTARIO SOCIETY OF OCCUPATIONAL THERAPISTS
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $10,000

### ONTARIO SPORT AND RECREATION COMMUNITY FUND
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### PARKINSON SOCIETY OF CANADA - NEW INVESTIGATOR AWARD
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### PHYSIOTHERAPY FOUNDATION OF CANADA RESEARCH GRANT
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### PUBLIC HEALTH AGENCY OF CANADA - POPULATION HEALTH PROMOTION AND INNOVATION DIVISION
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $24,789

### PURE LIFE SCIENCE CORP - CONTRACT RESEARCH
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $6,000

### SALVATION ARMY CENTRE OF HOPE - ONTARIO SPORT AND RECREATION COMMUNITIES FUND
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $5,000

### ST. JOSEPH’S HEALTH CARE COGNITIVE VITALITY & BRAIN HEALTH SEED FUNDING
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $11,589

### STTI INTERNATIONAL
- 2 Applications submitted
- 0 Awarded
- 0% Success Rate
- $0

### TECHNOL vedere the Elderly Network (TVN)
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $100,000

### THE AMERICAN HAND THERAPY FOUNDATION
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $5,000

### THE AMERICAN SOCIETY OF HAND THERAPISTS FOUNDERS’ GRANT FOR RESEARCH IN HAND THERAPY
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $5,000

### THE ARTHRITIS SOCIETY
- 1 Application submitted
- 1 Awarded
- 100% Success Rate
- $357,704 USD

### THRASHER RESEARCH FUND
- 1 Application submitted
- 0 Awarded
- 0% Success Rate
- $0

### OTHER EXTERNAL COMPETITIONS TOTAL
- 68 Applications submitted
- 31 Applications awarded
- 46% Success Rate
- $11,937,091 CAD
- $541,774 USD
- £600,000 UK
## Historical Summary

### Total New External Funding

<table>
<thead>
<tr>
<th>Year</th>
<th>Western</th>
<th>All External</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>$8,788,946</td>
<td>$12,151,350</td>
</tr>
<tr>
<td>2012-13</td>
<td>$5,372,517</td>
<td>$8,221,399</td>
</tr>
<tr>
<td>2013-14</td>
<td>$4,813,926</td>
<td>$71,110,056</td>
</tr>
<tr>
<td>2014-15</td>
<td>$14,418,955</td>
<td>$22,528,013</td>
</tr>
<tr>
<td>2015-16</td>
<td>$9,931,864</td>
<td>$34,064,629</td>
</tr>
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</table>

### Total New Internal Funding

<table>
<thead>
<tr>
<th>Year</th>
<th>Western</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>$131,777</td>
</tr>
<tr>
<td>2012-13</td>
<td>$116,248</td>
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<tr>
<td>2013-14</td>
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<td>2014-15</td>
<td>$240,995</td>
</tr>
<tr>
<td>2015-16</td>
<td>$767,266</td>
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</table>

### New Funding Grand Total

<table>
<thead>
<tr>
<th>Year</th>
<th>Western</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>$1,362,404</td>
</tr>
<tr>
<td>2012-13</td>
<td>$2,848,882</td>
</tr>
<tr>
<td>2013-14</td>
<td>$6,286,130</td>
</tr>
<tr>
<td>2014-15</td>
<td>$8,109,058</td>
</tr>
<tr>
<td>2015-16</td>
<td>$24,132,765</td>
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</tbody>
</table>

### Grant Application Success Rate

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bone Joint Institute - CCMH Training Award</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
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<tr>
<td>Distinguished University Professor</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>Faculty Scholar</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>FRDF - Collaboration</td>
<td>1/0 (0%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>FRDF - Development</td>
<td>6/4 (67%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>FRDF - Travel</td>
<td>2/1 (50%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>WSS - MSHSBB - Seed Grant</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>WSS - SEPB - Accelerator Grant</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>Student Opportunity Fund</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>Teaching Support Centre</td>
<td>2/2 (100%)</td>
<td>2/2 (100%)</td>
<td>2/2 (100%)</td>
<td>2/2 (100%)</td>
<td>2/2 (100%)</td>
</tr>
<tr>
<td>Teaching Support Centre - Fellowship in Teaching Innovation</td>
<td>2/1 (50%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>Western - Innovation Fund (WF)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
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<tr>
<td>Western - Interdisciplinary Development Initiative</td>
<td>5/2 (40%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>Western Mentoring Microgrant</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
<tr>
<td>Western University International Curriculum Development Fund Award</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
<td>1/1 (100%)</td>
</tr>
</tbody>
</table>

### Annual New Funding Awarded

- **Total New Tri-Council Funding**: $4,809,735
- **Total New Other External Funding**: $3,125,135
- **Total New External Funding Held at Western**: $8,788,946
- **Total New CRC Funding**: $1,400,000
- **Total New CFI (+ORF) Funding**: $4,216,480
- **Total New Western - Interdisciplinary Development Initiative**: $500,000
- **Total New Western Mentoring Microgrant**: $1,000
- **Total New Western University International Curriculum Development Fund Award**: $23,000

### Research Accounts Balance and Active Grants

- **FHS Annual Research Accounts Balance and Active Grants (Source: Western IPB)**

### HISTORICAL SUMMARY FHS ANNUAL NEW FUNDING TOTALS (2011-2016)

<table>
<thead>
<tr>
<th>Year</th>
<th>Western</th>
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<tr>
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<td>2015-16</td>
<td>$24,132,765</td>
<td>$34,064,629</td>
</tr>
</tbody>
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### Research Accounts Balance

- **Total New External Funding Held Outside Western**: $8,788,946
- **Total New External Funding Held At Western**: $5,372,517
- **Total All New External Funding**: $12,151,350
- **Total New Internal Funding**: $131,777
- **Total New Internal Funding**: $116,248
- **Total New Internal Funding**: $693,033
- **Total New Internal Funding**: $240,995
- **Total New Internal Funding**: $767,266

### New Funding Grand Total

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<tr>
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<th>Western</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>$8,837,647</td>
</tr>
<tr>
<td>2012-13</td>
<td>$7,803,089</td>
</tr>
<tr>
<td>2013-14</td>
<td>$22,769,008</td>
</tr>
<tr>
<td>2014-15</td>
<td>$34,831,895</td>
</tr>
</tbody>
</table>

### HISTORICAL FUNDING SUMMARIES (2011-2016)

- **Total New Tri-Council Funding**: $4,809,735
- **Total New Other External Funding**: $3,125,135
- **Total New External Funding Held at Western**: $8,788,946
- **Total New CRC Funding**: $1,400,000
- **Total New CFI (+ORF) Funding**: $4,216,480

### HISTORICAL SUMMARY – FHS ANNUAL TOTALS

<table>
<thead>
<tr>
<th>Year</th>
<th>Western</th>
<th>All External</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-13</td>
<td>$2,848,882</td>
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<tr>
<td>2015-16</td>
<td>$24,132,765</td>
<td>$34,064,629</td>
</tr>
</tbody>
</table>

### FHS Annual Research Accounts Balance and Active Grants (Source: Western IPB)

- **Research Accounts Balance**: $8,837,647
- **Active Grants**: $7,803,089
### Successful Grant Applications

**July 1, 2015 to June 30, 2016**

#### EXTERNAL GRANTS

<table>
<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CO-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bagatto M</td>
<td>Bagatto M</td>
<td>Oram Cardy J</td>
<td>MED-EL - Research Contract</td>
<td>LITEARS Early Speech Production questionnaire validation in Children with normal hearing</td>
<td>$46,011</td>
</tr>
<tr>
<td>Scollie S</td>
<td>Scollie S</td>
<td>Purcell D, Easwar V, Moodie S, Bagatto M, Allen S</td>
<td>CIHR NSERC - Collaborative Health Research Project</td>
<td>Rapid measures of speech-evoked brainstem activity in infants who have hearing loss: assessing hearing aid benefit for speech sounds</td>
<td>$64,424</td>
</tr>
<tr>
<td>Scollie S</td>
<td>Scollie S</td>
<td>Bagatto M, Moodie S, Oram Cardy J, Purcell D</td>
<td>Ontario Ministry of Children and Youth Services - Research Contract</td>
<td>Support and development of protocols for the Ontario Infant Hearing Program</td>
<td>$220,000</td>
</tr>
</tbody>
</table>

#### INTERNAL GRANTS

<table>
<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CO-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moodie S</td>
<td>Moodie S</td>
<td></td>
<td>FRDF - Travel</td>
<td>6th Annual Coalition for Global Hearing Health Conference</td>
<td>$1,185</td>
</tr>
<tr>
<td>Scollie S</td>
<td>Scollie S</td>
<td>Moodie S, Macpherson E, Parsa V</td>
<td>Western - Innovation Fund (WIF)</td>
<td>Support for Development of DSL v6</td>
<td>$40,000</td>
</tr>
</tbody>
</table>
## SCHOOL OF HEALTH STUDIES

### EXTERNAL GRANTS

<table>
<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CO-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kothari A</td>
<td>Valaitis R</td>
<td>Valaitis, R. (PI); Risdon, C., Delovich, L., Ploeg, J., Kothari, A., Deighero, L</td>
<td>Health Canada</td>
<td>Exploring the Use of Personal Network Mapping as a Component of the TAPESTRY Program</td>
<td>$196,912</td>
</tr>
<tr>
<td>Kothari A</td>
<td>MaxMillan H, Mathew N, Stewart D (Co-Pi)</td>
<td>MaxMillan, H, (Co-Pi); Mathew, N, (Co-Pi); Stewart, D. (Co-Pi); Kothari, A</td>
<td>Public Health Agency of Canada</td>
<td>Development of Pan-Canadian Public Health Guidance on Family Violence</td>
<td>$4,405,810</td>
</tr>
<tr>
<td>Savundranayagam M</td>
<td>Roberts A, Orange JB, Carter M, Crawford S, Johnson K</td>
<td></td>
<td></td>
<td>Fals-Beck Fund for Research and Experimentation</td>
<td>Development and testing the impact of the person-centred communication intervention on home care staff</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CO-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orchard T</td>
<td>Richmond C</td>
<td></td>
<td>Western-Interdisciplinary Development Initiative</td>
<td>Applied Indigenous Scholarship</td>
<td>$350,000</td>
</tr>
<tr>
<td>Savundranayagam M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sibbald S</td>
<td></td>
<td></td>
<td>Teaching Support Centre</td>
<td>Mentoring and Support in the Case-based Method</td>
<td>$1,450</td>
</tr>
<tr>
<td>Zecevic A</td>
<td></td>
<td></td>
<td>Western University International Curriculum Development Fund Award</td>
<td>Aging Globally: Lessons from Scandinavia</td>
<td>$72,000</td>
</tr>
</tbody>
</table>

### INTERNAL GRANTS

<table>
<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
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<td></td>
</tr>
<tr>
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<td></td>
<td></td>
<td>Teaching Support Centre</td>
<td></td>
<td>$1,450</td>
</tr>
<tr>
<td>Zecevic A</td>
<td></td>
<td></td>
<td>Western University International Curriculum Development Fund Award</td>
<td>Aging Globally: Lessons from Scandinavia</td>
<td>$72,000</td>
</tr>
</tbody>
</table>

## SCHOOL OF KINESIOLOGY

### EXTERNAL GRANTS

<table>
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<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CO-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
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</thead>
<tbody>
<tr>
<td>Dickey J</td>
<td>Dickey J</td>
<td></td>
<td>NSERC DG</td>
<td>Laboratory evaluation of the complex interplay between whole body vibration and spinal posture</td>
<td>$330,000</td>
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<tr>
<td>Dickey J</td>
<td>Dickey J</td>
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<td></td>
<td></td>
<td>$25,000</td>
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<tr>
<td>Forsyth J</td>
<td>Forsyth J</td>
<td></td>
<td>SSHRC Insight Grant</td>
<td>How Can Sport be Used to Heal the Past? Experiences from Sioux Lookout and Spanish Indian Residential Schools</td>
<td>$185,936</td>
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<tr>
<td>Jenkyn T</td>
<td>Jenkyn T</td>
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<td>NSERC DG</td>
<td>Biomechanical load sharing in the foot during dynamic, load-bearing activity</td>
<td>$225,000</td>
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<tr>
<td>Lemon P</td>
<td>Lemon P</td>
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<td>Generation UCAN</td>
<td>Effect of super starch on endurance exercise performance</td>
<td>$15,600 Contract Research</td>
</tr>
<tr>
<td>Lemon P</td>
<td>Lemon P</td>
<td></td>
<td>Pure Life Science Corp</td>
<td>Enhancement of aerobic performance of humans with supplementing of plant-based Omega 3 and Omega 6 from organic, cold pressed seed oils</td>
<td>$6,000 Contract Research</td>
</tr>
<tr>
<td>Misener L</td>
<td>Silb M, Howie D, Misener L, et al</td>
<td></td>
<td>Arts and Humanities Research Council (UK)</td>
<td>Re-presenting para-sport bodies: Disability &amp; the cultural legacy of the Paralympics</td>
<td>£600,000 UK</td>
</tr>
<tr>
<td>Nagamatsu L</td>
<td>Liu Ambrose T, Nagamatsu L, Bafna C, Bedd J, Erickson K, Häring OY, Sheel WA, Shoemaker K</td>
<td></td>
<td>CIHR Project Grant</td>
<td>One size does not fit all: Tailoring exercise prescription for brain health based on BDNF polymorphism</td>
<td>$1,100,000</td>
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<tr>
<td>Nagamatsu L</td>
<td>Nagamatsu L</td>
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<td>NSERC DG</td>
<td>Watch your step! Uncovering the neurocognitive basis for the relationship between human attention and mobility</td>
<td>$135,000</td>
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<td>Nagamatsu L</td>
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<td>American Psychological Foundation Visionary Grant</td>
<td>Uncovering Neural Signatures of Falls Risk in Older Adults</td>
<td>$24,000 USD</td>
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<td>Rice C</td>
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<td>NSERC DG</td>
<td>Neuromuscular generation and control of force output in humans</td>
<td>$235,000</td>
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<td>Shoemaker K</td>
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<td>NSERC - Research Tools and Instruments</td>
<td>Modeling Cerebrovascular Mechanics</td>
<td>$58,562</td>
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</table>
### Internal Grants

<table>
<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CO-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
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</thead>
<tbody>
<tr>
<td>Nagamatsu L</td>
<td>Nagamatsu L</td>
<td></td>
<td>FRDF - Development</td>
<td>Mind-over-matter: understanding the relationship between memory self-efficacy, cognitive function, and brain health in older adults with mild cognitive impairment</td>
<td>$5,000</td>
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<td>Nagamatsu L</td>
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<td></td>
<td>WSS - MHRB - Seed Grant</td>
<td>Does aerobic exercise improve cognitive function and brain health in older adults with type 2 diabetes</td>
<td>$25,000</td>
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<td>Nagamatsu L</td>
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<td>Western Mentoring Microgrant</td>
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<td>$1,000</td>
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<td>Rice C</td>
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<td>Singh S</td>
<td>WSS - SERB - Accelerator Grant</td>
<td>Systemic and muscular responses to voluntary lengthening contractions in humans</td>
<td>$46,250</td>
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<td>Shoemaker K</td>
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<td>The Smart, Healthy Campus: Building Stress Resilience in Undergraduate Students</td>
<td>$200,000</td>
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<td>Shoemaker K</td>
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<td></td>
<td>Western Interdisciplinary Development Initiative</td>
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### External Grants

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<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CO-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
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<tbody>
<tr>
<td>Booth R</td>
<td>McMurray J</td>
<td>Booth R, Wallace J, Ranaweera C</td>
<td>SSHRC Insight Development Grant</td>
<td>Mobile smart surveys: Overcoming barriers to the collection of context-sensitive data</td>
<td>$63,000</td>
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<td>Booth R</td>
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<td>Canadian Association of Schools of Nursing - Infoway</td>
<td>Digital Health Peer Nursing Leaders Project</td>
<td>$10,000</td>
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<tr>
<td>Booth R</td>
<td>Booth R</td>
<td>Forchuk C, Donele L, Sharif S, Rayner J</td>
<td>Lawson Health Research Institute</td>
<td>Exploring the impact of a large scale, social media mental health campaign on health system use in London, Ontario</td>
<td>$15,000</td>
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<tr>
<td>Ford-Gilboe M</td>
<td>Ford-Gilboe M</td>
<td></td>
<td></td>
<td>Development of a Short Version Composite Abuse Scale for National Surveys</td>
<td>$24,789</td>
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<td>Laschinger HK</td>
<td>Day A</td>
<td>Laschinger HK,</td>
<td>SSHRC-CIHR - PDG - Work</td>
<td>The Healthy &amp; Productive Workplace Partnership: Fostering Worker &amp; Workplace Health</td>
<td>$148,260</td>
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<td>Oudshoorn A</td>
<td>Oudshoorn A</td>
<td>Misener L</td>
<td>Salvation Army Centre of Hope - Ontario Sport and Recreation Communities Fund</td>
<td>Sport and Social Inclusion: An Evaluation of Active for Life</td>
<td>$5,000</td>
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<td>Oudshoorn A</td>
<td>Oudshoorn A</td>
<td></td>
<td>Taylor Fund - Ursuline Sisters</td>
<td>A Critical Analysis of Social Policies and Women's Homelessness</td>
<td>$1,800</td>
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### Internal

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<th>TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTE</th>
<th>TEACHING SUPPORT CENTRE</th>
<th>BUILDING LINKAGES - BIG DATA, ANALYTICS, AND HEALTHCARE</th>
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<tr>
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<td>Teaching Support Centre</td>
<td>Building linkages - big data, analytics, and healthcare</td>
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<td>Booth R</td>
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<td>Texas Tech University Health Sciences Center</td>
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<td>Donelle L</td>
<td>Donelle L</td>
<td>Faculty Scholar</td>
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<td>$14,000</td>
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<td>Oudshoorn A</td>
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<td>FRDF - Development</td>
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<td>Homes 4 Women Research Project</td>
<td>$5,000</td>
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</table>
# Successful Grant Applications

## Funding Breakdown by School (July 1, 2015 to June 30, 2016)

### School of Occupational Therapy

**External Grants**

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>PI</th>
<th>Collaborators</th>
<th>AGENCY</th>
<th>Title</th>
<th>Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classen S</td>
<td>Rapport M</td>
<td>Charton, J., Dow, J., Marshall S., Molnar F., Classen S. et al</td>
<td>CIHR KS</td>
<td>A Collaborative International Knowledge Synthesis to Update Guidelines for Determining Medical Fitness to Operate Motor Vehicles</td>
<td>$100,000</td>
</tr>
<tr>
<td>Classen S</td>
<td>Classen S</td>
<td>C. Hand, C. Honey B</td>
<td>Hotpath, Inc.</td>
<td>Efficiency of the Drive Fit application on the simulated driving performance of healthy teen drivers</td>
<td>$98,525</td>
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<tr>
<td>Hand C</td>
<td>Hand C</td>
<td>C. Hand, C. Honey B</td>
<td>Ontario Society of Occupational Therapists</td>
<td>Exploring Methods to Evaluate Occupational Therapy Interventions in Primary Care: A Focus on Falls Programming</td>
<td>$5,000</td>
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<tr>
<td>Hand C</td>
<td>Hand C</td>
<td>C. Hand, C. Honey B</td>
<td>SSHRC IDG</td>
<td>Exploring the Person-Place Transactions Underpinning Social Connections and Inclusion among Older Adults: Creating an Innovative and Interdisciplinary Method</td>
<td>$68,732</td>
</tr>
<tr>
<td>Hand C</td>
<td>Luciar L</td>
<td>C. Hand, C. Honey B</td>
<td>University of Manitoba, Internal Award</td>
<td>Establishing occupational therapy performance indicators in a primary care setting: A Delphi Study</td>
<td>$20,000</td>
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<tr>
<td>Holmes J</td>
<td>Holmes J</td>
<td>C. Holmes</td>
<td>OCE: Voucher for Productivity and Innovation</td>
<td>Validation of BrainFit’s 360 Research Pilot Program</td>
<td>$33,368</td>
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</tbody>
</table>

### Internal Grants

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>PI</th>
<th>Collaborators</th>
<th>AGENCY</th>
<th>Title</th>
<th>Amount Awarded</th>
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<tbody>
<tr>
<td>Kinsella A</td>
<td>Kinsella A</td>
<td>Kinsella A</td>
<td>FRDF - Development</td>
<td>Negotiating tensions between 'patient-centred practice' and 'patient safety' in rehabilitation practice with older adults</td>
<td>$5,082</td>
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### School of Physical Therapy

**External Grants**

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<tr>
<th>Faculty Member</th>
<th>PI</th>
<th>Collaborators</th>
<th>AGENCY</th>
<th>Title</th>
<th>Amount Awarded</th>
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</thead>
<tbody>
<tr>
<td>Hunter S</td>
<td>Hunter S</td>
<td>J. K. Mullin, J. J. Jutson</td>
<td>Heart &amp; Stroke Foundation of Canada - Grants in Aid</td>
<td>Increasing access to community-based task-oriented exercise programs through healthcare-recreation partnerships to improve function post-stroke. Feasibility of a 2-group randomized controlled trial protocol</td>
<td>$297,695</td>
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<tr>
<td>Hunter S</td>
<td>Wolfs J. Van Ruis J. L.</td>
<td>Wolfs J. Van Ruis J. L.</td>
<td>St. Joseph’s Health Care Foundation</td>
<td>Cognitive Vitality &amp; Brain Health Seed Funding</td>
<td>$15,589</td>
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<tr>
<td>MacDermid J</td>
<td>MacDermid J</td>
<td>Birmingham T., Bryant D., Fitzgerald M.</td>
<td>CIHR Catalyst Grant: MacLusky-Kell-Mebrab-Lotfi-Mebrab-Chronicle</td>
<td>Chronic Pain Network</td>
<td>$600,000</td>
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<tr>
<td>MacDermid J</td>
<td>MacDermid J</td>
<td>MacDermid J, Martel M. O., Miller J. W., Njoo J. L.</td>
<td>CIHR Project Grant - Bridge Funding</td>
<td>Determining the clinical value and underlying processes associated with new measures of Sensitivity to Physical Activity for people with work-related back pain</td>
<td>$100,000</td>
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<tr>
<td>MacDermid J</td>
<td>MacDermid J</td>
<td>MacDermid J, Martel M. O., Miller J. W., Njoo J. L.</td>
<td>SSHRC IDG</td>
<td>Chronic Pain Network</td>
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<td>MacDermid J</td>
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<td>SSHRC IDG</td>
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<td>MacDermid J, Martel M. O., Miller J. W., Njoo J. L.</td>
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<td>Chronic Pain Network</td>
<td>$149,950</td>
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<tr>
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<td>MacDermid J, Martel M. O., Miller J. W., Njoo J. L.</td>
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<td>SSHRC IDG</td>
<td>Chronic Pain Network</td>
<td>$5,000</td>
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**Pale shading indicates PI not in this School or external to Western**
### SCHOOL OF PHYSICAL THERAPY (Continued)

#### EXTERNAL GRANTS (CONTINUED)

<table>
<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CO-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
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<tbody>
<tr>
<td>Walton D</td>
<td>Walton D</td>
<td>MacDermid J</td>
<td>The Arthritis Society</td>
<td>“Modeling the transition from acute to chronic musculoskeletal pain: The Systematic Merging of Biology, Mental Health and Environment (SYMBIOME) longitudinal databanking project”</td>
<td>$0</td>
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<tr>
<td>Walton D</td>
<td>Walton D</td>
<td>MacDermid J</td>
<td>CHIR Foundation/Phase 1</td>
<td>Creating a biological and psychological databank for advanced exploration of chronic pain mechanisms</td>
<td>$150,000</td>
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<tr>
<td>Walton D</td>
<td>Walton D</td>
<td>MacDermid J, McCarthy J, Jones C, Simmonds M, Elliott J</td>
<td>Focus on Therapeutic Outcomes (FOTO) - DL Hart Research Award</td>
<td>Translation and Validation of a Screening Tool for Risk-based Classification of Acute Injuries</td>
<td>$10,000</td>
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#### INTERNAL GRANTS

<table>
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<tr>
<th>FACULTY MEMBER</th>
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<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
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<tbody>
<tr>
<td>Hunter S</td>
<td>Hunter S</td>
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<td>FDRF - Development</td>
<td>Outcome-tailored reliability of a dual-task gait assessment in adults with a lower extremity amputation</td>
<td>$4,364</td>
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