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, 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
- Undergraduate students: 3,191
- Graduate students: 784
- Full-time faculty members: 130
- Full-time staff: 85
- Graduate and undergraduate degrees, modules, diplomas, and certificates: 58

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

The importance of compiling and presenting this information lies in the opportunity it provides to benchmark our research-based accomplishments. As we begin the process of developing a new FHS Strategic Plan, it is imperative to know where we have been in order to look to the future.

This publication also serves to highlight the areas of research strength that exist in our faculty and identifies potential areas for investigative partnerships. Research collaborations are becoming increasingly important as the funding landscape becomes more competitive and Western strives to enhance its international reputation.

Research also plays an integral role in the quality of our undergraduate and graduate programs as our cutting-edge research helps attract the best and brightest minds. Students are a vital cog in our research machine and it is important to recognize their contributions in pushing the limits of scientific discovery.

Our successes on the research front are only possible with a strong group of professors, associate deans, staff members, postdoctoral fellows and students, working together to move the faculty forward.

Thanks are in order for all for their continued hard work and dedication.

Yours in Health Sciences,

W. James Weese, PhD
Dean, Faculty of Health Sciences

HELENE BERMAN
Associate Dean (Research)

Our faculty and researchers have once again demonstrated the profound impact of their work. We continue to be engaged with those involved in, and benefiting from, our research to ensure the work being done has value, long- and short-term, locally and globally.

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

This year we were again successful in obtaining prestigious grants in a highly competitive funding landscape, publishing our work in leading journals, and engaging in a wide range of activities designed to translate research findings into practice and policy. I am deeply impressed by my colleagues who continue to set the highest of standards in the pursuit of research excellence. I also know that this work does not happen without the many people who support the research efforts of our faculty, most notably Gordon MacDonald and Kim Simpson. These efforts, individually and collaboratively, define Western’s Faculty of Health Sciences as a great place to work, study, learn and grow.

Yours in Health Sciences,

Helene Berman, RN, PhD
Associate Dean (Research), Faculty of Health Sciences
Faculty Member Publications
July 1, 2012 to June 30, 2013

- Communication Sciences and Disorders
  pages 3-6
- Health Studies
  pages 7-10
- Kinesiology
  pages 11-17
- Nursing
  pages 18-21
- Occupational Therapy
  pages 22-24
- Physical Therapy
  pages 25-27

David Purcell uses behavioural measures, otoacoustic emissions, and auditory evoked potentials to improve our basic understanding of the processing of sound in the human auditory system. He is exploring questions such as how do the ears coordinate through the olivocochlear efferent system and how does the brainstem encode vowel formants.

JB Orange studies cognitive-communication, language, discourse and caregiving-related issues among individuals with multiple forms of neurodegenerative diseases including Alzheimer’s disease, frontotemporal dementia, vascular cognitive impairment, amyotrophic lateral sclerosis and Parkinson’s disease.

Susan Scollie and her team are working on an analysis of population-level outcomes for children who receive services from an early intervention program, clinical trials of new signal processors for children’s hearing aids and collaborating with the NCA’s Translational Research Unit to provide evaluation of hearing technologies in adults who have hearing loss.
SCOTT ADAMS


PHILIP DOYLE


LISA AIRCHELD


Janzen, S., Zecevic, A., Kloseck, M. & Other Dementias, 28(5).


VIJAYEYPARSA


Shauna Burke is targeting parents as the primary agents of change with regard to their families' health behaviours. Empowering parents with tools and resources that can be used to promote physical, nutritional, and political literacy represents a unique and potentially sustainable strategy in health promotion.

Anita Kothari is immersed in studying the public health system to generate policy-relevant evidence and contribute to the growing scientific literature in this area, engaged in an Ontario and British Columbia research-practice-policy partnership to conduct a set of comparative studies exploring the implementation of two policies.

Jessica Polzer's research program focuses on the political anatomy of health in the 21st century, with a specific focus on how biotechnologies that purport to help individuals manage their risks for disease shape their understandings of themselves and their embodied experiences of health in everyday life, and inform their relations and obligations to others.
Karen Danylichuk explores the topic of internationalization in the discipline of sport management, specifically the perspectives of academicians who supervise international graduate students, as well as the perspectives of the students themselves, and the motivations and experiences of international student-athletes in Canadian Interuniversity Sport.

Laura Misener’s research focuses on the ways in which sport and sport events can be used as tools for social change; from empowering communities to increasing accessibility, to promoting healthy lifestyles; sport and events can be positively influence the lives of individuals and communities.

Alison Doherty’s research into non-profit, voluntary organizations that provide many of the recreational and competitive sport opportunities in Canada focuses on the capacity of these organizations to maintain and increase sport participation to enhance the physical activity of Canadians.
ROBERT BARNEY (EMERITUS)


KAREN DANYLCHUK


JIM DICKEY


DICKERSON, K.


ALISON DOHERTY


JANICE FORSYTH


CRAIG HALL


MATTHEW HOESE


MICHAEL HEINE


JOHN KOWALCHUK


Michele Mottola


ALAN SALMONI


DARWIN SEMOTIUK


KEVIN SHOEMAKER


Homelessness is what policy analysts refer to as a ‘wicked problem’, with multiple intertwining systems and complexities. The research of Abe Oudshoorn focuses on putting evidence into practice and making real steps toward ending homelessness and mitigating the associated health consequences.

“I think we need to re-conceptualize and manage family care and formal care resources a lot differently.” In her caregiving research, Cathy Ward-Griffin attempts to move beyond personal attributes of the caregiver and ask: What is going on in terms of the broader social, economic and political factors that can lead to ‘caregiver burnout.’

Heather Laschinger is hoping that through her research, nurses will begin to see a more empowering work environment that supports professional nursing practice, leading to less stress and fewer new and experienced nurses leaving the profession.


BEVERLY LEIPERT


CAROL MCWILLIAM (EMERITA)


CAROLE ORCHARD


ABRAM OUDSHOORN


SUSAN RAY


Elizabeth Anne Kinsella holds expertise in the areas of health professional education, reflective practice, ethics education, occupational science and philosophical foundations of qualitative research. She is currently researching arts-based approaches to ethics education, ethical tensions and their negotiation in the practices of occupational therapists, and practice-based knowledge in the health professions.

Sherrilene Classen is a world-renowned expert in driver screening, assessment and intervention. Currently, she is enhancing the cross cultural aspects of the web-based Fitness-to-Drive Screening Measure, a valid and reliable tool to help family members identify at-risk older drivers.

Lynn Shaw does research to support people with disabilities and persons with chronic pain transition into work through investigation of integrative services, systems, policies and knowledge transfer.

SANDRA HOBSON

JEFFREY HOLMES


SUZANNE HUOT
Huot, S. (2013). Francophone immigrant integration and neoliberal governance: the paradoxical role of community organiza-

Huot, S., Laliberte Rudman, D., Dodson, B. & Magalhães, L. (2013). Expanding policy-based conceptualizations of ‘success-
ful integration’: Negotiating integration through occupation fol-

ANNE KINSELLA


Phelan, S. & Kinsella, E. (2013). Picture this...Safety, Dignity and Voice. Ethical research with children: Practical consider-
ations for the reflexive researcher. Qualitative Inquiry, 19(2), 81-90.


LISA KLINGER


LILIAN MAGALHÃES
Magalhães, L. (2013). Occupation and activity: trends and conceptual tensions in the English literature of occupa-


Huot, S., Rudman, D., Dodson, B. & Magalhães, L. (2013). Expanding Policy-Based Conceptualizations of ‘Successful Inte-

ANNE KINSELLA


Phelan, S. & Kinsella, E. (2013). Picture this...Safety, Dignity and Voice. Ethical research with children: Practical consider-
ations for the reflexive researcher. Qualitative Inquiry, 19(2), 81-90.


ANGIE MANDICH


LINDA MILLER


JAN POLGAR


DEBBIE RUDMAN


SCHOOL OF PHYSICAL THERAPY

DOREEN BARLETT


Darrah, J. & Bartlett, D.J. (2013). Infant rolling abilities - the same or different 20 years after the back to sleep campaign? Early Human Development, 89, 331-334.


TREVOR BIRMINGHAM


DIANNE BRYANT


BERT CHESWORTH


DEB LUCY

TOM OVEREND

TONY VANDERVOORT


DAVE WALTON


Internal and External Grant Funding
July 1, 2012 to June 30, 2013
### External Funding Competitions (Tri-Council)

#### 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>
</tr>
</thead>
<tbody>
<tr>
<td>CIHR Catalyst Grant</td>
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<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>CIHR Collaborative Health Research Program LOI</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>CIHR Dissemination Grants</td>
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<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>CIHR Operating Grant</td>
<td>16</td>
<td>1</td>
<td>6%</td>
<td>$134,404</td>
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<tr>
<td>CIHR Planning Grant</td>
<td>3</td>
<td>2</td>
<td>67%</td>
<td>$43,941</td>
</tr>
<tr>
<td>CIHR Team Grant - LOI</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td><strong>CIHR TOTAL</strong></td>
<td><strong>27</strong></td>
<td><strong>3</strong></td>
<td><strong>11%</strong></td>
<td><strong>$178,345</strong></td>
</tr>
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</table>

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

<table>
<thead>
<tr>
<th>Grant Type</th>
<th>Applications Submitted</th>
<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSERC DG</td>
<td>4</td>
<td>1</td>
<td>25%</td>
<td>$285,000</td>
</tr>
<tr>
<td>NSERC Engage</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$25,000</td>
</tr>
<tr>
<td><strong>NSERC TOTAL</strong></td>
<td><strong>5</strong></td>
<td><strong>2</strong></td>
<td><strong>40%</strong></td>
<td><strong>$310,000</strong></td>
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</table>

#### Social Sciences and Humanities Research Council of Canada (SSHRC)

<table>
<thead>
<tr>
<th>Grant Type</th>
<th>Applications Submitted</th>
<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSHRC Insight Grant</td>
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<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>SSHRC Insight Grant - Sport Canada Sport Participation Research Initiative</td>
<td>2</td>
<td>2</td>
<td>100%</td>
<td>$320,893</td>
</tr>
<tr>
<td>SSHRC Partnership Grant</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$3,760,000</td>
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<tr>
<td><strong>SSHRC TOTAL</strong></td>
<td><strong>4</strong></td>
<td><strong>3</strong></td>
<td><strong>75%</strong></td>
<td><strong>$3,080,893</strong></td>
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</table>

### TRI-COUNCIL TOTALS

<table>
<thead>
<tr>
<th>Grant Type</th>
<th>Applications Submitted</th>
<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIHR</td>
<td>27</td>
<td>3</td>
<td>11%</td>
<td>$178,345</td>
</tr>
<tr>
<td>NSERC</td>
<td>5</td>
<td>2</td>
<td>40%</td>
<td>$310,000</td>
</tr>
<tr>
<td>SSHRC</td>
<td>4</td>
<td>3</td>
<td>75%</td>
<td>$20,000</td>
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<tr>
<td><strong>TRI-COUNCIL TOTAL</strong></td>
<td><strong>36</strong></td>
<td><strong>8</strong></td>
<td><strong>22%</strong></td>
<td><strong>$3,569,238</strong></td>
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</table>

### Canada Foundation for Innovation (CFI) Infrastructure Operating Fund (IOF) TOTALS

<table>
<thead>
<tr>
<th>Grant Type</th>
<th>Applications Submitted</th>
<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada Foundation for Innovation - IOF</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$45,458</td>
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<tr>
<td><strong>CFI-IOF TOTAL</strong></td>
<td><strong>1</strong></td>
<td><strong>1</strong></td>
<td><strong>100%</strong></td>
<td><strong>$45,458</strong></td>
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### EXTERNAL FUNDING TOTAL - Tri-Council/CFI

<table>
<thead>
<tr>
<th>Grant Type</th>
<th>Applications Submitted</th>
<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXTERNAL FUNDING TOTAL - Tri-Council/CFI</strong></td>
<td><strong>37</strong></td>
<td><strong>9</strong></td>
<td><strong>24%</strong></td>
<td><strong>$3,614,696</strong></td>
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</table>

### Other External Competitions

#### TRI-COUNCIL TOTALS

<table>
<thead>
<tr>
<th>Grant Type</th>
<th>Applications Submitted</th>
<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Medical Organization of South Western Ontario</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$120,000</td>
</tr>
<tr>
<td>Ajinomoto Co. Inc. Innovation Alliance Program</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
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<tr>
<td>American Academy of Audiology</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>Canadian Lung Association</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$13,662</td>
</tr>
<tr>
<td>Canadian Sports Institute</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$3,490</td>
</tr>
<tr>
<td>Children's Health Research Institute &amp; Dept. of Obst/Gynecol Translational Research Grant</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$30,000</td>
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<tr>
<td>Concept 2 - Morrisville/USA</td>
<td>1</td>
<td>1</td>
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<td>$1,400</td>
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<tr>
<td>Genome Canada LOI</td>
<td>1</td>
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<td>$0</td>
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<tr>
<td>Heart and Stroke Foundation</td>
<td>2</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>Human Resources and Skills Development Canada - ODI</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$18,000</td>
</tr>
<tr>
<td>Institute of Educational Sciences</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
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<tr>
<td>LACRES (Canada Latin America Research Exchange Grants)</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
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<tr>
<td>Lawson Foundation</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
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<tr>
<td>Lawson Health Research Foundation: Coalitions Linking Action &amp; Science for Prevention 2</td>
<td>1</td>
<td>0</td>
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<tr>
<td>Lawson Health Research Institute</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$14,915</td>
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<tr>
<td>National Centres of Excellence: KM competition NOI</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
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<tr>
<td>National Pork Board</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>Networks of Centres of Excellence</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>New Horizons for Sensors Program</td>
<td>1</td>
<td>1</td>
<td>100%</td>
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<tr>
<td>Ontario Health Human Resources Network</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$10,900</td>
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<tr>
<td>Ontario Ministry of Children and Youth Services</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$100,000</td>
</tr>
<tr>
<td>Ontario Ministry of Children and Youth Services - Community Action Research Project</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$23,200</td>
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<tr>
<td>Ontario Ministry of Health and Long-term Care - NOI</td>
<td>4</td>
<td>1</td>
<td>25%</td>
<td>$0</td>
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<tr>
<td>Ontario Ministry of Health and Long-term Care Health System Research Fund</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$3,730,000</td>
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<tr>
<td>Ontario Ministry of Health and Long-term Care: Healthy Communities Fund</td>
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<td>0%</td>
<td>$0</td>
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<tr>
<td>Ontario Sport and Recreation Communities Fund</td>
<td>2</td>
<td>1</td>
<td>50%</td>
<td>$17,264</td>
</tr>
<tr>
<td>Ontario Sport and Recreation Communities Fund Statement of Interest</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>Ontario Trillium Grant</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>Parkinson Society of Canada</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>Physiotherapy Foundation of Canada</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$10,000</td>
</tr>
<tr>
<td>Physiotherapy Foundation of Canada - The Alun Morgan Memorial Fund</td>
<td>1</td>
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<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>Physiotherapy Foundation of Canada - The Saint Elizabeth Research Grant for Community-based Projects</td>
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<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>Royal Canadian Legion</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$5,000</td>
</tr>
<tr>
<td>Sick Kids Foundation New Investigator Grant</td>
<td>3</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
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</table>
### OTHER EXTERNAL COMPETITIONS

<table>
<thead>
<tr>
<th>Competition</th>
<th>Applications Submitted</th>
<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIM - Simulation Research and Innovation Grant</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$24,855</td>
</tr>
<tr>
<td>Technology Evaluation in the Elderly Network</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
<tr>
<td>The Arthritis Society - Strategic Operating Grant</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$360,000</td>
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</tbody>
</table>

**OTHER EXTERNAL COMPETITIONS TOTAL**: 44 applications submitted, 18 applications awarded, 42% success rate, $4,606,703 total amount awarded.

### INTERNAL COMPETITIONS

<table>
<thead>
<tr>
<th>Competition</th>
<th>Applications Submitted</th>
<th>Applications Awarded</th>
<th>Success Rate</th>
<th>Total Amount Awarded</th>
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</thead>
<tbody>
<tr>
<td>ADF Major Grants</td>
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<tr>
<td>ADF Small Grants</td>
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<td>2</td>
<td>100%</td>
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<tr>
<td>CIHR Application Support</td>
<td>5</td>
<td>1</td>
<td>20%</td>
<td>$18,000</td>
</tr>
<tr>
<td>Distinguished University Professor</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
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<tr>
<td>Faculty Scholar</td>
<td>2</td>
<td>1</td>
<td>50%</td>
<td>$7,000</td>
</tr>
<tr>
<td>Instructional Innovation &amp; Development Fund Faculty Grant Program, S2MD</td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>$8,806</td>
</tr>
<tr>
<td>International Research Award</td>
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<td>$0</td>
</tr>
<tr>
<td>Petro-Canada Young Innovator</td>
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<td>0</td>
<td>0%</td>
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<tr>
<td>Schulich School of Medicine and Dentistry Collaborative Research Seed Grant</td>
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<tr>
<td>SERB Seed</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
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<tr>
<td>SSHRC Bridge</td>
<td>2</td>
<td>2</td>
<td>100%</td>
<td>$34,900</td>
</tr>
<tr>
<td>SSHRC Internal Research</td>
<td>2</td>
<td>1</td>
<td>50%</td>
<td>$6,683</td>
</tr>
<tr>
<td>SSHRC Internal Travel</td>
<td>2</td>
<td>1</td>
<td>50%</td>
<td>$2,573</td>
</tr>
<tr>
<td>Western - Centre for Education and Prevention of Violence against Women and Children</td>
<td>1</td>
<td>0</td>
<td>0%</td>
<td>$0</td>
</tr>
</tbody>
</table>

**INTERNAL COMPETITIONS TOTAL**: 30 applications submitted, 11 applications awarded, 37% success rate, $116,248 total amount awarded.

---

### HISTORICAL SUMMARY OF FHS RESEARCH FUNDING 2008-2013

<table>
<thead>
<tr>
<th>Year</th>
<th>Total New External Funding Held Outside Western</th>
<th>Total New External Funding Held At Western</th>
<th>Total of All New External Funding</th>
<th>Total New Internal Funding</th>
<th>NEW FUNDING GRAND TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009-10</td>
<td>$8,001,847</td>
<td>$5,819,958</td>
<td>$13,821,805</td>
<td>$125,064</td>
<td>$13,946,869</td>
</tr>
<tr>
<td>2010-11</td>
<td>$7,018,617</td>
<td>$3,627,763</td>
<td>$10,646,380</td>
<td>$661,021</td>
<td>$10,307,401</td>
</tr>
<tr>
<td>2011-12</td>
<td>$3,362,404</td>
<td>$3,125,135</td>
<td>$6,487,539</td>
<td>$213,777</td>
<td>$6,701,316</td>
</tr>
<tr>
<td>2012-13</td>
<td>$2,848,882</td>
<td>$5,372,517</td>
<td>$8,221,399</td>
<td>$116,248</td>
<td>$8,337,647</td>
</tr>
</tbody>
</table>

---

### FHS ANNUAL TOTALS

<table>
<thead>
<tr>
<th>Year</th>
<th>Internal Applications Success Ratio</th>
<th>External Applications Success Ratio</th>
<th>Tri-council Applications Success Ratio</th>
<th>CFI/ORF Success Ratio</th>
<th>CRC Success Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-09</td>
<td>12/32 (38%)</td>
<td>32/55 (58%)</td>
<td>29/63 (46%)</td>
<td>2 of 2</td>
<td>2 of 2</td>
</tr>
<tr>
<td>2009-10</td>
<td>14/30 (47%)</td>
<td>17/37 (46%)</td>
<td>25/55 (45%)</td>
<td>0 of 1</td>
<td>2 of 3</td>
</tr>
<tr>
<td>2010-11</td>
<td>18/37 (49%)</td>
<td>23/51 (46%)</td>
<td>24/51 (47%)</td>
<td>2 of 3</td>
<td>2 of 2</td>
</tr>
<tr>
<td>2011-12</td>
<td>17/43 (40%)</td>
<td>23/50 (46%)</td>
<td>15/46 (33%)</td>
<td>1 of 1</td>
<td>1 of 1</td>
</tr>
<tr>
<td>2012-13</td>
<td>11/30 (37%)</td>
<td>18/44 (41%)</td>
<td>8/16 (22%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANNUAL NEW FUNDING AWARDED*

- Total New Funding
- Total New Tri-Council Funding
- Total New Other External Funding
- Total New CFI (+ORF) Funding

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

- Research Expenditures
- Active Grants

HISTORICAL FUNDING SUMMARIES

Successful Grant Applications
July 1, 2012 to June 30, 2013
SUCCESSFUL GRANT APPLICATIONS

### FUNDING BREAKDOWN BY SCHOOL (JULY 1, 2012 TO JUNE 30, 2013)

#### SCHOOL OF COMMUNICATION SCIENCES AND DISORDERS

##### 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>Moodie S</td>
<td>King J</td>
<td>Moodie S, et al</td>
<td>SIM - Simulation Research and Innovation Grant</td>
<td>Development of a Listening Skill Simulation Intervention for Pediatric Rehabilitation Therapists</td>
<td>$24,855</td>
</tr>
<tr>
<td>Scollie S</td>
<td>Scollie S</td>
<td></td>
<td></td>
<td>Support and development of protocols for the Ontario Infant Hearing program</td>
<td>$100,000</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>Skarakis Doyle E</td>
<td>Skarakis Doyle E, Kertoy M</td>
<td>SSHRC Internal Research</td>
<td>Social Communication, Participation and Adjustment to Kindergarten</td>
<td>$6,683</td>
<td></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>
</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>Savundranayagam M</td>
<td></td>
<td>ADF Small</td>
<td></td>
<td>Assessing which language-based communication strategies support person-centered care in nursing homes</td>
<td>$8,486</td>
</tr>
</tbody>
</table>

#### SCHOOL OF KINESIOLOGY

##### 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>Dickey J</td>
<td>Dickey J</td>
<td>Dragunis A</td>
<td>Canadian Sports Institute</td>
<td>Influence of body position on optimal swim start performance</td>
<td>$3,480</td>
</tr>
<tr>
<td>Dickey J</td>
<td>Dickey J</td>
<td>Frayne R</td>
<td>NSERC Engage</td>
<td>Development of a Standardized Testing Protocol that Quantifies the effect Protective Equipment has on the Human Body</td>
<td>$25,000</td>
</tr>
<tr>
<td>Doherty A</td>
<td>Doherty A</td>
<td>Misener K, Hoyle R</td>
<td>SSHRC Insight Grant - Sport Canada Sport Participation Research Initiative</td>
<td>The Role of Social Capital in the Organizational Capacity of Community Sport</td>
<td>$180,480</td>
</tr>
<tr>
<td>Misener L</td>
<td>Misener L</td>
<td>Legg D, Macpherson G</td>
<td>SSHRC Insight Grant - Sport Canada Sport Participation Research Initiative</td>
<td>Leveraging Parasport Events for Sustainable Community Participation</td>
<td>$140,413</td>
</tr>
<tr>
<td>Mottola M</td>
<td>Mottola M &amp; Penava D</td>
<td>Mottola M, DeWrijer B</td>
<td>Children’s Health Research Institute &amp; Dept. of Obst/Gynecol Translational Research Grant</td>
<td>Bringing an evidence-based Nutrition and Exercise Lifestyle Intervention Program (NELIP) for obese pregnant women into clinical practice</td>
<td>$30,000</td>
</tr>
<tr>
<td>Nolte V</td>
<td>Nolte V</td>
<td></td>
<td>Concept 2 - Morrisville/ USA</td>
<td>Testing of two pairs of sculls with different shafts</td>
<td>$1,400</td>
</tr>
<tr>
<td>Paterson D</td>
<td>Paterson D</td>
<td>Murius J, Noble E</td>
<td>CIHR Planning Grant</td>
<td>Relevance of vascular adaptations to exercise training in improving quality of life in aging populations: transitioning from the laboratory to the community</td>
<td>$19,443</td>
</tr>
<tr>
<td>Prapavessis H</td>
<td>Nonzi K</td>
<td>Wellichs E, Prapavessis H, Seabrook JA, Fraser D, Eagleson R</td>
<td>Academic Medical Organization of South Western Ontario</td>
<td>The impact of a structured lifestyle intervention on body composition and exercise capacity in obese children with operated heart defects</td>
<td>$120,000</td>
</tr>
<tr>
<td>Shoemaker JR</td>
<td>Shoemaker JR</td>
<td></td>
<td>NSERC DG</td>
<td>Neural Pathways Associated with Sympathetic Neuronal Recruitment in Humans</td>
<td>$285,000</td>
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</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>Danylchuk K</td>
<td>Danylchuk K</td>
<td></td>
<td>SSHRC Internal Travel</td>
<td>European Association of Sport Management (EASM) Congress [Aalborg, Denmark - September 18-21, 2012]</td>
<td>$2,573</td>
</tr>
<tr>
<td>Doherty A</td>
<td>Doherty A</td>
<td></td>
<td>SSHRC Bridge</td>
<td>Leveraging Parasport Events for Sustainable Community Participation</td>
<td>$10,900</td>
</tr>
<tr>
<td>Misener L</td>
<td>Misener L</td>
<td></td>
<td>SSHRC Bridge</td>
<td>Leveraging Parasport Events for Sustainable Community Participation</td>
<td>$24,000</td>
</tr>
</tbody>
</table>

Pales shading indicates PI not in this School or external to Western
**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>Berman H</td>
<td>Berman H</td>
<td>CCAA</td>
<td><strong>Ontario Sport and Recreation Communities Fund</strong></td>
<td>Enabling Health Promoters to Link Older Adults to Exercise Opportunities</td>
<td>$137,264</td>
</tr>
<tr>
<td>Forchuk C</td>
<td>Forchuk C</td>
<td></td>
<td><strong>Canada Foundation for Innovation - IOF</strong></td>
<td>Laboratory for Research to Study Community Integration of People with Mental Illness</td>
<td>$45,458</td>
</tr>
<tr>
<td>Ray SL</td>
<td>Ray SL</td>
<td></td>
<td><strong>Royal Canadian Legion</strong></td>
<td>The Meaning of Homelessness &amp; Migration among Homeless Aboriginal Veterans</td>
<td>$5,000</td>
</tr>
<tr>
<td>Regan S</td>
<td>Regan S</td>
<td>Ng S, Regan S, Phelan S, Hibbert K</td>
<td><strong>CIHR Operating Grant</strong></td>
<td>Integrated systems and team working for children with disabilities: An institutional ethnography of health professional practice in the special education context</td>
<td>$134,404</td>
</tr>
<tr>
<td>Ward-Griffin C</td>
<td>Ward-Griffin C</td>
<td>Boscart V, Dupuis S, Klossek M, McAiney C, Orange JB, Phoeg J, Wiersma E, Wong C</td>
<td><strong>CIHR Planning Grant</strong></td>
<td>Knowledge Translation in Dementia Care: It Takes a Community</td>
<td>$24,498</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>
</tr>
</thead>
<tbody>
<tr>
<td>Orchard C</td>
<td>Orchard C</td>
<td></td>
<td><strong>Instructional Innovation &amp; Development Fund Faculty Grant Program, SSMD</strong></td>
<td>Transformation of Western IPE Faculty Teaching Certification program into Online Asynchronous Modules</td>
<td>$8,806</td>
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</tbody>
</table>
# School of Physical Therapy

## External Grants

<table>
<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CD-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birmingham T</td>
<td>Birmingham T</td>
<td>The Arthritis Society - Strategic Operating Grant</td>
<td>A randomized trial comparing high Tibial osteotomy plus non-surgical therapy to non-surgical therapy alone: clinical, biomechanical and biological outcomes</td>
<td>$360,000</td>
<td></td>
</tr>
<tr>
<td>Lucy D</td>
<td>Larsen T, Koo K</td>
<td>Canadian Lung Association</td>
<td>Understanding the Process of Recovery from Critical Illness: The Patient &amp; Family Perspective</td>
<td>$12,662</td>
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</tr>
<tr>
<td>Walton D</td>
<td>Loh E, Mehta S</td>
<td>Lawson Health Research Institute</td>
<td>Facet vs. trigger point injections for relief of chronic non-cancer neck pain</td>
<td>$14,915</td>
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<tr>
<td>Walton D</td>
<td>Pierrynowski M, MacGernad J, Gross A, Walton D, Goldsmith C</td>
<td>Physiotherapy Foundation of Canada</td>
<td>Clinical and biological responses of people with neck pain being treated with manual therapy of varying duration and frequency: A pilot study</td>
<td>$10,000</td>
<td></td>
</tr>
</tbody>
</table>

## Internal Grants

<table>
<thead>
<tr>
<th>FACULTY MEMBER</th>
<th>PI</th>
<th>CO-PI, CD-A, ETC.</th>
<th>AGENCY</th>
<th>TITLE</th>
<th>AMOUNT AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birmingham T</td>
<td>Birmingham T</td>
<td>ADF Major</td>
<td>Western’s Shared Osteoarthritis Biomarker Registry</td>
<td>$39,257</td>
<td></td>
</tr>
<tr>
<td>Birmingham T</td>
<td>Birmingham T</td>
<td>CHIR Application Support</td>
<td>Reliability of Quantitative MRI measures of knee cartilage before and after High Tibial Osteotomy using a novel PEEK implant</td>
<td>$18,000</td>
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<tr>
<td>Connelly D</td>
<td>Connelly D</td>
<td>ADF Small</td>
<td>Loss and recovery of mobility: Project after hip fracture and surgical repair in community-living older adults</td>
<td>$8,500</td>
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<tr>
<td>Walton D</td>
<td>Loh E</td>
<td>Tejros AL, Dickey J, Katchabaw M, Walton D</td>
<td>Establishing the Western Collaboration for Integration of Consumer Technology and Healthcare (CICTh) Research Group</td>
<td>$21,200</td>
<td></td>
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</tbody>
</table>