



# Canadian MSK Rehab Research Network Newsletter

Spring 2019

Sponsor:



Newsletter Content:

- 2019 Conferences
- Trainee Awards Results
- Wearable, Web & Mobile Technology Pilot Grants
- 2019 Summer School
- Network News
- New Members
- Who We Are
- Network Members

Co-PIs:

- Dr. Joy MacDermid
- Dr. Trevor Birmingham
- Dr. Stephen Robinovitch
- Dr. Jean-Sebastien Roy
- Dr. Janie Wilson

Network Coordinator:

- Ryan Power  
[rehabnet@uwo.ca](mailto:rehabnet@uwo.ca)

## 2019 Conference Partnerships

MSK Network presenting at conferences across Canada this year

In 2018 the Canadian MSK Rehab Research Network partnered with Western University's Bone & Joint Institute to host the Canadian Bone & Joint Conference. The conference was a huge success with more than 300 international attendees and nearly fifty Network members; more than double the conference's previous attendance numbers.

In 2019, rather than host our own conference we will be coming to you! The Network will be broadening its reach as we have partnered with numerous national and international conferences to connect with our membership across the country. Here are a few of the conferences that you will find us in 2019:

- May 16-17: 3<sup>rd</sup> Quebec Congress in Adaptation-Rehabilitation Research – Montreal, Quebec
- May 23-24: 21<sup>st</sup> Annual Rehabilitation Research Colloquium Conference Planning Committee - Queen's University, Kingston Ontario
- July 3-6: International Forum for Back and Neck Pain Research in Primary Care – Quebec City, Quebec
- **October 4-5: Sport Physical Therapy Conference 2019 - Vancouver, BC**



We look forward to heading to Western Canada for the first time and we will be hosting our Annual Meeting in conjunction with the Third World Congress of Sports Physical Therapy in Vancouver, BC. This premiere international conference is being held October 4-5, 2019 at the Vancouver Convention Centre.

The Network will host its annual meeting on Friday, October 4<sup>th</sup> over the lunch hour in the main conference room. Details will be announced in the coming months. Conference registration is open and information can be found on its website: [www.spc2019.com](http://www.spc2019.com)

---

## Trainee Awards Results

Congratulations to the recipients of the MSK Network's second annual Trainee Awards Program!

Unlike last year's more traditional student awards, this year the Network offered awards of \$1500 each in the form of travel stipends for trainees to present their work at national conferences. This allows the Network to fund a much larger number of trainees this year, and provide additional professional development opportunities not covered by their current funding. Here are this year's awardees:

Anne Hudon	Kyle Vader
JF Esculier	Andrews Tawiah
Harvi Hart	Marianne Roos
Simon Deslauriers	Rose Gagnon
Tokiko Hamasaki	Marc Olivier Dube
Christina Le	Carson Halliwell

---

## Trainee Summer School at UBC

### August 12-16, 2019 in Vancouver, BC

In partnership with the University of British Columbia, we are excited to announce an upcoming Summer School, August 12-16th 2019 in Vancouver, BC.

The Summer School will be focused on wearable technologies in rehabilitation research. This initiative will bring together trainees from across Canada in various research disciplines to collaborate on a research project, while attending seminars from speakers who utilize wearable, web and mobile technologies in rehabilitation research.

The Canadian MSK Rehab Research Network is providing up to \$1,500 in financial assistance for ten students to attend. More information can be found here: <https://balancefalls.ubc.ca/training/summer-school-2019>

---

## Wearable, Web & Mobile Technology Pilot Grant Recipients

Congratulations to the recipients of the MSK Network's Pilot Grant Competition!

In a survey to our membership, it was determined that seed funding for projects utilizing wearable, web or mobile technology should be a top priority for the Network moving forward. Therefore, this round of pilot grants specifically targeted projects demonstrating a novel use of technology in rehab research.

A total of three projects were awarded \$10,000 each from the MSK Network to support innovative, transdisciplinary pilot projects across the country. Here are the awardees for 2019:

- Carolyn Emery. *Using Wearable Technology to Monitor Exercise Fidelity During a Post-Traumatic Osteoarthritis Prevention Exercise Program*. University of Calgary
- Patrick Boissy. *Validation study of instrumented socks to measure the impact of foot problems and the effects of foot orthoses in patients with psoriatic arthritis on spatiotemporal gait parameters in clinical and ecological conditions*. Université de Sherbrooke
- Jean-Sebastien Roy. *Using wireless wearable sensors to evaluate shoulder muscular fatigue in workers*. Université Laval

The Network will host another pilot grant competition open to all MSK rehab projects later this year. Up to four grants will be available at \$10,000 each. Details will be announced in the fall – stay tuned!

---

## Network News & Success Stories

- **Network Pilot Grant recipient Dr. Kadija Perreault's** project *Accessibility of non-pharmacological interventions to prevent and manage chronic musculoskeletal pain in Québec's primary care* received a REPAR-QPRN strategic funding grant
- **Network Pilot Grant recipient Dr. Yannick Tousignant-Laflamme's** project *Optimizing non-pharmacological management of low back pain through the Pain and Disability Drivers Management Model – a feasibility study* received a one-year grant from QPRN

- **Network Trainee Award recipient Zakir Uddin's** research project "*Determining why certain patients with work-related back pain have sensitized responses to physical activity and don't respond to activity-based treatment*" was funded for 2-years by IRSST (Institut de recherche Robert-Sauvé en santé et en sécurité du travail).
- **Network Trainee Award recipient Kyle Vader** received an outstanding poster award at the World Confederation for Physical Therapy Congress in Geneva

Do you have news that you would like to share with the MSK Rehab Research Network? We would like to hear from you! As we prepare to seek out future funding opportunities your success stories can help demonstrate how the Network has positively impacted the MSK research community.

We are happy to circulate grant news, job or trainee opportunities, conference information or anything you would like shared with the Network.

Send any info to Ryan Power ([rehabnet@uwo.ca](mailto:rehabnet@uwo.ca)) to be circulated.

---

## New Members

Since launching the Network in late 2016 there has been a great deal of interest in new Network membership. In conjunction with our recent website launch, the Network is officially accepting new memberships. See the link below for details and the application form:

[www.mskrehabnet.com/people/membership.html](http://www.mskrehabnet.com/people/membership.html)

We encourage our current Network Members to invite colleagues, partners or Pilot Grant team members who may be interested in joining the Network.

Membership is open to researchers, collaborators, partners, students/trainees, or anyone with an interest in MSK rehab research.

Inquiries or applications can be forwarded to Ryan Power ([rehabnet@uwo.ca](mailto:rehabnet@uwo.ca))

---

## Network Overview - Who we are...

In 2016 a team of more than 80 researchers, collaborators and knowledge users, as well as 20 partners/consumer groups across Canada received \$600,000 from the Canadian Institutes of Health Research (CIHR) Institute for Musculoskeletal Health and Arthritis (IMHA) to establish the Canadian MSK Rehab Research Network.

Combined with multi-partner cash and in-kind contributions totaling over \$1.5 million, these funds are supporting the Network and its members over three years as we strive to address the large pain and disability burden caused by bones, joints, muscles, and nerves problems.

This Network is working to strengthen MSK research in Canada by: funding pilot grants and trainee awards; creating platforms for researchers to share data nationally and for conducting studies at multiple centres; developing innovative ways to deliver MSK rehab using technology and new discoveries; and attracting larger funding and more extensive partnerships between researchers, community stakeholders and industry.

---

## Network Members

### Co-Principal Investigators

Joy MacDermid  
Trevor Birmingham  
Stephen Robinovitch

Jean-Sébastien Roy  
Janie Wilson

### Co-Investigators

Talia Alenabi  
Maureen Ashe  
Dorcas Beaton  
Lauren Beaupreau  
Mickael Begon  
Lauren Benson  
Daniel Benoit  
Krista Lynn Best  
Mathieu Boucher  
Laurent J. Bouyer  
Nathalie Bureau  
Lisa Carlesso  
Fabio Carlos Lucas de Oliviera  
Jesse Charlton  
Manon Choinière  
Julie Cote  
Noémi Dahan-Oliel  
Kevin Deluzio  
François Desmeules  
Clermont Dionne  
Carolyn Emery  
Maryam Farzad  
Reed Ferber  
Louis Ferreira  
Deborah Fitzimmons  
Simon French  
Carol Fortin  
Maryse Fortin  
Martha Funabashi

Mathieu Lalumiere  
Alexandre Campeau Lecours  
Kathryn Lippel  
Guillaume Léonard  
Ellen MacEachen  
Luciana Macedo  
Monica Maly  
Jackie Marsh  
Deborah Marshall  
Linda McLean  
Catherine Mercier  
Jordan Miller  
Maxime Mireault  
Rebecca Moyer  
Eric Parent  
Steven Passmore  
Kadija Perreault  
Rob Petrella  
Mathieu Piché  
Celeste Popelas  
Carla Prado  
Steven Pretty  
Julie Richardson  
Shawn Robbins  
Sydney Robinson  
Janet Ronsky  
Dominique Rouleau  
Derek Rutherford  
Joanna Sale

Dany Gagnon  
Marianne Gagnon  
Monique Gignac  
Lora Giangregorio  
Maryam Ghodrati  
Jenna Gibbs  
Christine Guptill  
Anita Gross  
Douglas Gross  
Jill Hayden  
Jeffrey Hebert  
Wendy Hill  
Anne Hudon  
Michael Anthony Hunt  
Tara Kajaks  
Greg Kawchuk  
Dylan Kobsar  
Cheryl Kozey

### **Knowledge Users**

Anne Lyddiatt  
Cathie Hofstetter

### **Collaborators**

Corrie Billedeau  
Dianne Bryant  
Jason Bouffard  
Lynn Cooper  
Andreas Ejupi  
Elysia Davis  
Simon Decary  
Simon Deslauriers  
Jacquie Gibson  
Joe Godges  
Tokiko Hamasaki  
Genevieve Hladysch  
Paul Hodges  
Christina Le  
Michael Lukasc

Paulo Sanzo  
Kathryn Sinden  
Jim Stevely  
Susan Stock  
Mike Szekeres  
Matthew Teeter  
Yannick Tousignant-Laflamme  
Ana Luisa Trejos  
Nathan Urquart  
Kyle Vader  
Roua Walha  
David Walton  
Hope Weiler  
Jackie Whittaker  
Ryan Willing  
Timonthy Wideman  
Gregory Wohl  
Linda Woodhouse

Fabio Feldman  
Hazel Wilson

Daniel Imbeau  
Graham King  
Jacques Laliberté  
Emily Lalone  
Charissa Levy  
Sue Mawson  
Erinn McQueen  
Isabelle Page  
Jann Paquette-Warren  
Codie Primeau  
Cathie Sherrington  
Katia Turcot  
Zakir Uddin  
Linda Wilhelm  
Marylie Martel