



Canadian MSK Rehab Research Network Newsletter

Summer 2019

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Co-PIs:

- Dr. Joy MacDermid (NPI)
- Dr. Catherin Backman
- Dr. Trevor Birmingham
- Dr. Laurent Bouyer
- Dr. Deborah Marshall
- Dr. Rebecca Moyer
- Dr. Janet Ronsky
- Dr. Jean Sebastien Roy
- Dr. Alik Thomas

Network Coordinator:

- Ryan Power
rehabnet@uwo.ca

Network News

Network NPI Dr. Joy MacDermid named as Fellow of the Royal Society of Canada

We are proud to share that Canadian MSK Rehab Research Network Nominated Principal Investigator Dr. Joy MacDermid has been named as a Fellow of the Royal Society of Canada. Dr. MacDermid was elected by her peers for outstanding scholarly scientific achievement. Dr. MacDermid will be inducted to the RSC November 22 in Ottawa. *“Joy MacDermid pioneered patient-reported outcome measures that are widely used to assess functional outcomes. As a leader in evidence-based surgery and rehabilitation, she has developed and applied methods to synthesize research. MacDermid works with knowledge users to identify priority issues in musculoskeletal health and leads the resulting (inter)national clinical trials. These trials and syntheses have had a major impact on practice and policy in Canada and internationally.”* - Western News

(<https://news.westernu.ca/2019/09/western-elite-named-among-royal-society-fellows/>)

Network Trainee Christina Le received Arthritis Society Salary Award

Past Network Trainee Award recipient Christina Le (supervisor Dr. Jackie Whittaker) has been awarded an Arthritis Society two-year doctoral salary award worth a total of \$42,000. Ms. Le is a physiotherapist, PhD Candidate at the University of Alberta (Faculty of Rehabilitation Medicine) and Arthritis Research Canada trainee. Motivated by both clinical and personal experiences (anterior cruciate ligament tear in 2017), Ms. Le's research focuses on informing rehabilitation strategies aimed at optimizing quality of life, preventing osteoarthritis, and ensuring the long-term health of youth that suffer sport-related injuries.

Dr. Alex Scott successful in latest CIHR competition

Congratulations to UBC's Dr. Scott (Principal Investigator) and his research team for their recent CIHR funding success for their project, **Tendon impairment in people with familial hypercholesterolemia: clinical and laboratory studies.**

Dr. Scott also led a consensus group on clinical terminology for tendon disorders:

<https://bjsm.bmj.com/content/bjsports/early/2019/08/08/bjsports-2019-100885.full.pdf>

Do you have news that you would like to share with the Canadian MSK Rehab Research Network? Send it to rehabnet@uwo.ca

CIHR IMHA Network Catalyst Grant Application

Application submitted to extend MSK Network operations through 2024

The Canadian MSK Rehab Research Network was very busy over the summer months preparing a CIHR grant application. We are pleased to announce that the application was submitted on August 6th, 2019, with some additional documentation added in early September at the request of the review team.

The MSK Network was established by a CIHR IMHA Network Catalyst grant in late 2016. This grant was initially scheduled to end in September of 2019, but through careful budget management we have been able to extend our operations through mid-2020 while still providing more funding to research projects and trainees than initially budgeted. This recent grant application would, if successful, extend our operations through the end of 2024 with a significantly increased annual budget.

Thank you to our Network Principal Investigators and the Administrative Committee for their roles in preparing the application. Thanks to our valued partners both new and current for their generous support of this application. And of course, thank you to all of our Network members for being a part of this active and engaged team of researchers, patients and partners who are all working together to improve MSK health outcomes in Canada.

We expect to hear the results of this grant competition in mid-December.

SPC 2019 – Upcoming Annual Meeting

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 4th over the lunch hour in the main conference room. Registration is open and information can be found on the conference website: www.spc2019.ca

UBC Trainee Summer School Recap

August 12-16, 2019 in Vancouver, BC

The Canadian MSK Rehab Research Network was proud to be part of the University of British Columbia's OBD AF Summer School on Wearable Sensors for Balance and Movement.



This interactive initiative brought together over 40 trainees from various programs and research disciplines to collaborate on a group project while attending seminars from speakers who utilize wearable, web and mobile technologies in rehabilitation research.

The Canadian MSK Rehab Research Network provided financial assistance for twelve students to attend the conference from across Canada, helping the summer school become a national initiative.



@BalanceandFalls

What did the trainees enjoy most from the summer school?

“The exposure to assessment technologies I didn’t know existed, and the challenges of working with them”

“Most useful part was learning a lot of new things and meeting amazing collaborators on the use and importance of wearable sensors”

“Having the possibility to know about many different ongoing projects and research as well as meeting other researchers and students”

Upcoming Opportunities

The MSK Network’s plans over the coming year will depend greatly on our upcoming funding renewal application. However, we will be hosting at least one more pilot grant competition with our current funding.

In early 2019 a grant competition was run specifically for projects utilizing wearable, web or mobile technology in rehab applications. The next competition will be open to MSK rehab pilot studies for randomized controlled trials (RCTs).

This competition will be launched in conjunction with the Network’s Clinical Trials Network and the associated outcome measures database that has been developed in partnership with Western University’s emPower Lab. Projects will be required to use this new platform (at no cost to the researchers) to host a pilot RCT, or utilize a similar platform available to them.

Up to four grants will be available at \$10,000 each. The competition will open in late 2019 – stay tuned!

New Members

Since launching in late 2016, the Canadian MSK Rehab Research Network has grown by more than 40%. We are always accepting new memberships from researchers, partners, patients and trainees who are involved in MSK health research. See the link below for details and the application form:

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)

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
Catherine Backman
Trevor Birmingham
Laurent Bouyer
Deborah Marshall

Rebecca Moyer
Janet Ronsky
Jean-Sebastien Roy
Alik Thomas

Co-Investigators

Janie Astephen Wilson
Talia Alenabi
Cathy Arnold
Maureen Ashe
Brenna Bath
Dorcas Beaton
Lauren Beaupreau
Mickael Begon
Daniel Benoit
Lauren Benson
Krista Best
Jason Bouffard
Steve Boyd
Dianne Bryant
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Alexandre Campeau-Lecours
Lisa Carlesso
Manon Choinière
Eda Cinar
Julie Cote
Alex Crizzle
Noémi Dahan-Oliel
Kevin Deluzio
François Desmeules
Clermont Dionne
Carolyn Emery
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Louis Ferreira
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Carol Fortin
Maryse Fortin
Simon French
Martha Funabashi
Dany Gagnon
Nathaly Gaudrealt
Lora Giangregorio
Jenna Gibbs
Monique Gignac
Anita Gross
Douglas Gross
Christina Guptill
Jill Hayden
Liz Harrison
Jeffrey Hebert
Wendy Hill
Michael Anthony Hunt
Tara Kajaks
Graham King
Dylan Kobsar
Cheryl Kozey
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Guillaume Léonard
Kathrine Lippel
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Luciana Macedo
Monica Maly
Jackie Marsh
Deborah Marshall
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Carlo Menon
Catherine Mercier
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Suzanne Morin
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Eric Parent
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Kadija Perreault
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Dominique Rouleau
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Joanna Sale
Paulo Sanzo
Cyril Schneider
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Kathryn Sinden
Susan Stock
Mike Szekeres
Matthew Teeter
Jane Thornton
Yannick Tousignant-Laflamme
Ana Luisa Trejos
Katia Turcot
Nathan Urquhart
David Walton
Hope Weiler
Jackie Whittaker
Timonthy Wideman
Ryan Willing
Gregory Wohl
Linda Woodhouse
Audrey Zucker Levin

Knowledge Users

Catherine Hofstetter (Principal
Knowledge User)
Corrie Billedeau
Lynn Cooper

Fabio Feldman
Anne Lyddiatt
Linda Wilhelm
Hazel Wilson

Collaborators

Jacque Gibson
Joe Godges
Genevieve Hladysz
Paul Hodges
Daniel Imbeau
Jacques Laliberté
Charissa Levy

Sue Mawson
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Trainees

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Eda Cinar
Jesse Charlton
Elysia Davis
Simon Decary
Simon Deslauriers
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