



Canadian MSK Rehab Research Network Newsletter

Winter/Spring 2023

Sponsor:



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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

Save the Date: Western University Trainee Summer School

August 14-18, 2023 in London, Ontario

Building on the success of our partnership with UBC's Wearable Sensors for Balance and Movement Summer School, the MSK Rehab Research Network is excited to offer an interactive trainee summer school in 2023.

The theme of this summer school will be outcome measurement, including testing clinical and lab-based measures, as well as a focus on patient engagement. It will be based at Western University and will include our partner labs on campus and clinics nearby.

Full details including registration, schedule and accommodation options will be announced shortly through all Network channels as plans are finalized. In the meantime, please save the date for this exciting event!

INTER-REPAR Trainee Summer School

June 5-8, 2023 in Drummondville, Quebec

The MSK Rehab Research Network is thrilled to partner with REPAR (Quebec Rehab Research Network) as they host a Trainee Summer School focused on artificial intelligence use in rehabilitation research.

The Rehab Network has secured five spots in the summer school open to Network trainees and will be covering the registration and accommodation costs (\$875) as well as up to \$500 in travel expense reimbursement.

Please note that all instruction and presentations will be conducted in French. Therefore, any interested trainees must be able to fully understand spoken French. Full information is available here:

<https://event.fourwaves.com/fr/b17654c1-b1d3-4488-aece-bf13c879cece/pages>

Interested trainees can contact rehabnet@uwo.ca to express their interest and will be provided with more information.

2023 Trainee Travel Award Recipients

We are thrilled to announce the awardees from our fifth annual Trainee Travel Awards competition!

This competition aims to assist trainees with travel expenses to present their research at a conference related to MSK rehabilitation research. This allows for valuable networking and professional development opportunities not covered by other funding sources.

To answer the extremely high demand and competitive applications for this initiative, the MSK Rehab Research Network more than doubled our planned total funding for this call. Below is the list of our 2023 recipients:

Ahmed Dami	Lauren Straatman
Armaghan Dabbagh	Marc-Olivier Dubé
Brianna Fehr	Maryam Farzad
Carl Alano	Maxwell Campbell
Carlos Gevers-Montoro	Megan Hutter
Chanelle Montpetit	Norio Tomita
Dominique Cava	Peter Stilwell
Elizabeth Norman	Philippe Patricio
Emile Marineau	Randa Mudathir
Erfan Shafiee	Raphael Vincent
Frédérique Dupuis	Rose Elekanachi
Harvi Hart	Shahrzad Nematollahi
Jenna Schulz	Shirin Modarresi
Karen Chen	Temitope Osifeso
Kohle Merry	Yiyang Chen
Kristine Godziuk	

Participants Needed – FORTIFY Bones Study

Recruiting in Waterloo, Markham and Saskatoon

A collaborative national research team is seeking participants 50 or older who have been told they have low bone mineral density, osteopenia or osteoporosis, and are NOT taking medication for osteoporosis.

You can view the recruitment poster here: <https://mskrehabnet.com/fortify/>

Or email boneslab@uwaterloo.ca with any questions

Events

2024 Network Conference: Request for Input

Looking ahead to networking opportunities in 2024, the MSK Rehab Research Network is seeking input on partnership opportunities. If you are involved in a rehabilitation research conference, or are interested in hosting a national conference, please contact us!

The Network is looking to partner with a new or existing research conference to host our annual meeting in 2024. You can reach out to rehabnet@uwo.ca if you have any questions or recommendations.

Recap: BJI Showcase February 2023

The Canadian MSK Rehab Research Network was proud to co-host Western University's BJI Showcase Series on February 24th.

The showcase included presentations from two Network trainees, Dr. Harvi Hart (Western) and Dr. Jesse Charlton (UBC). You can now view the full session on our website: <https://mskrehabnet.com/bji-showcase-feb24/>

Recap: PAINTALKS 2022

The MSK Rehab Research Network was proud to once again support the Quebec Network of Junior Pain Investigators (QNJPI) PAINtalks event, which took place at the Centre Mont-Royal in Montreal, on the evening of November 3rd, 2022.

This initiative consists of TEDstyle presentations that aim to provide the audience with popularized presentations focused on the area of pain. These presentations last around 8 minutes, and focus on various themes, such as pain management, the impact of pain on daily life, chronic migraines, physiotherapy services, the patient-clinician relationship, pain education, the importance of partnerships with patients in research, gender and sex in pain, lifestyle, and catastrophic thinking.

This edition was once again free, bilingual, and open to the public.

CBJC 2024

Save the date for the next edition of the Canadian Bone & Joint Conference! This exciting event will be hosted in-person at Western University from **May 8-11, 2024**

More information available on the official conference website: <https://cbjc.ca/>

Opportunities & Availability

Tenure Track Position at McGill University

McGill University is seeking a tenure-track professor position in Applied Biomechanics of Human Movement, in the Department of Kinesiology and Physical Education of McGill University. Please see posting below:

https://mcgill.wd3.myworkdayjobs.com/en-US/McGill_Careers/job/Currie-Gymnasium/Assistant-Associate-Professor_JR0000039378

Application deadline is May 15, 2023

Network News

Recent Funding Success

Congratulations to Postdoctoral Researcher and Network trainee Dr. Peter Stillwell for recently being awarded the **Marie Skłodowska-Curie Actions (MSCA) Fellowship** to be held at the University of Southern Denmark for two years. Amount: €230,774 (Euro). Dr. Stillwell is a previous recipient of a Collaborative Catalyst Grant from the Rehab Network.

Dr. Isabel B. Rodrigues (McMaster University) received the **Hamilton Health Sciences New Investigator Fund** (\$50,000) as principal investigator to help support her study on the feasibility of measuring sedentary behaviour in older adults who are frail. The study is a collaborative study between the departments of medicine, engineering, and kinesiology. You can read more details here: <https://mskrehabnet.com/rodrigues-nif/>

Recent Publications from Network Members

International consensus on the non-pharmacological and non-surgical management of osteoporotic vertebral fractures.

Ponzano M, Tibert N, Brien S, Funnell L, Gibbs JC, Keller H, Laprade J, Morin SN, Papaioannou A, Weston Z, Wideman TH, Giangregorio LM. Osteoporos Int. 2023 Feb 17. doi: 10.1007/s00198-023-06688-9. Online ahead of print. PMID: 367999815

Non-pharmacological management of osteoporotic vertebral fractures: Patient perspectives and experiences.

Tibert N, Ponzano M, Brien S, Funnell L, Gibbs JC, Jain R, Keller H, Laprade J, Morin SN, Papaioannou A, Weston Z, Wideman TH, Giangregorio L. Clin Rehabil. 2023 May;37(5):713-724. doi: 10.1177/02692155221144370. Epub 2022 Dec 12. PMID: 36510450

A Snapshot of Hip and Knee Replacement Rehabilitation Care Across Canada: A Cross-Sectional Survey Using an Online Clinician Quality Indicator Questionnaire

Marie D. Westby, Jean-Francois Lalande, Cheryl Koehn; Niall Johal
Physiotherapy Canada. <https://doi.org/10.3138/ptc-2022-0083>

2022 MSK Rehab Research Network Travel Award recipient Sergio Salinas presented the paper “**Comparison of Machine Learning Techniques for Activities of Daily Living Classification with Electromyographic Data**” at the event RehabWeek 2022 in the Netherlands. The paper was published by IEEE in the proceedings of the 2022 International Conference on Rehabilitation Robotics. Link: <https://ieeexplore.ieee.org/document/9896565>

Coauthors: Mohamed Ahmed T. A. Elgalhud, Luke Tambakis, Sanket V. Salunke, Kshitija Patel, Dr. Hamada Ghenniwa, Dr. Abdelkader Ouda, Dr. Kenneth Mclsaac, Dr. Katarina Grolinger, and Dr. Ana Luisa Trejos.

Read all the latest news on our website: <https://mskrehabnet.com/news/>

We are always happy to share recent successes of our Network members! If you have any news you would like to share, please reach out to rehabnet@uwo.ca with details

“The Hands I’ve Been Dealt”

Catherine Hofstetter (Network Principal Knowledge User) recently published a thoughtful and insightful article from a patient’s perspective in the Journal of Hand Therapy.

“In life, you get the ‘hands’ you are dealt, and my ‘hand’ resulted in my being the third generation on my father’s side of the family to be diagnosed with rheumatoid arthritis (RA), all of us around the age of 36. I had an acute onset that had the immediate effect of throwing my life and work into chaos.”

You can read the full article here: <https://mskrehabnet.com/the-hands-ive-been-dealt/>

New Members

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:

<https://mskrehabnet.com/about/>

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, trainees, or anyone with an interest in MSK rehab research.

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

Network Members

Co-Principal Investigators

Joy MacDermid (NPI)
Catherine Backman
Trevor Birmingham
Laurent Bouyer
Deborah Marshall

Rebecca Moyer
Janet Ronsky
Jean-Sebastien Roy
Aiki Thomas

Co-Investigators

Jacques Abboud
Janie Astephen Wilson
Talia Alenabi
Cathy Arnold
Maureen Ashe
Hayden Atkinson
Brenna Bath
Dorcas Beaton
Shawn Beaudette
Lauren Beaupreau
Mickael Begon
Daniel Benoit
Lauren Benson
Krista Best
Jason Bouffard
Steve Boyd
Dianne Bryant
Nathalie Bureau
Alexandre Campeau-Lecours
Carolina Cancelliere
Lisa Carlesso
Manon Choinière
Eda Cinar
Allison Clouthier
Daniel Cote
Julie Cote
Alex Crizzle
Noémi Dahan-Oliel
Kevin Deluzio
François Desmeules
Clermont Dionne
Carolyn Emery
Debbie Feldman
Reed Ferber
Louis Ferreira
Deborah Fitzimmons
Carol Fortin
Maryse Fortin
Simon French
Kenzie Friesen
Martha Funabashi

Kathrine Lippel
Stacey Lovo
Ellen MacEachen
Luciana Macedo
Monica Maly
Ranita Manocha
Jackie Marsh
Deborah Marshall
Hugo Masse Alarie
Nancy Mayo
Linda McLean
Carlo Menon
Catherine Mercier
Jordan Miller
Gabriel Moisan
Suzanne Morin
Ahmed Negm
Derek Pamukoff
Gabrielle Page
Isabelle Page
Steven Passmore
Eric Parent
Rajni Patel
Kadija Perreault
Rob Petrella
Mathieu Piché
Carla Prado
Julie Richardson
Stephen Robinovitch
Shawn Robbins
Isabel Rodrigues
Dominique Rouleau
Derek Rutherford
Joanna Sale
Lina Santaguida
Paulo Sanzo
Ervin Sejdic
Cyril Schneider
Alex Scott
Diego Roger Silva
Martin Simoneau

Dany Gagnon
Nathaly Gaudrealt
Lora Giangregorio
Jenna Gibbs
Monique Gignac
Kristine Godziuk
Anita Gross
Douglas Gross
Christine Guptill
Jill Hayden
Liz Harrison
Jeffrey Hebert
Wendy Hill
Michael Anthony Hunt
Tara Kajaks
Dorothy Kim
Graham King
Dylan Kobsar
Cheryl Kozey
Marie Laberge
Emily Lalone
Guillaume Léonard

Knowledge Users

Catherine Hofstetter (Principal
Knowledge User)
Corrie Billedeau
Lynn Cooper

Collaborators

Paul Blazey
Rachel Dagim Almaw
Jacquie Gibson
Joe Godges
Genevieve Hladysh
Paul Hodges
Daniel Imbeau
Jacques Laliberté

Trainees

Kathryn Sinden
Stephane Sobczak
Mark Sommerfeldt
Peter Stillwell
Susan Stock
Mike Szekeres
Matthew Teeter
Jane Thornton
Yannick Tousignant-Laflamme
Ana Luisa Trejos
Katia Turcot
Nathan Urquhart
David Walton
Hope Weiler
Marie Westby
Jackie Whittaker
Timothy Wideman
Ryan Willing
Gregory Wohl
Linda Woodhouse
Audrey Zucker Levin

Fabio Feldman
Anne Lyddiatt
Linda Wilhelm
Hazel Wilson

Charissa Levy
Sue Mawson
Erinn McQueen
Jann Paquette-Warren
Jean Francois Esculier
Cathie Sherrington
Linda Wilhelm

Talia Alenabi
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Lauren Benson
Aleks Budarick
Junie Carriere
Dominique Cava
Eda Cinar
Jesse Charlton
Elysia Davis
Simon Decary
Simon Deslauriers
Andreas Ejupi
Jean Francois Esculier
Maryam Farzad
Antoine Frasier
Jonathan Gervais-Hupe
Marianne Gagnon
Rose Gagnon
Maryam Ghodrati
Kamiar Ghoseiri
Tokiko Hamasaki
Natasha Ivanochko
Renauld Jeffrey-Gauthier
Tara Kajaks
Michaela Khan
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Christian Longtin
Justin Losciale
Fabio Carlos Lucas De Oliveira
Michael Lukacs
Derick Luu
Jacquelyn Marie Maciukiewicz
Edward Madou
Marylie Martel
Kohle Merry
Giulia Mesaroli
Maxime Mireault
Chanelle Montpetit
Stephanie Nathaniel
Florian Naye
Saman Nikpour
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Roua Walha
Sohrob Milani Zadeh