



UNIVERSITY OF SASKATCHEWAN

School of Rehabilitation Science

COLLEGE OF MEDICINE
REHABSCIENCE.USASK.CA



2025

Annual Report



Vision & Mission

Vision

We will be the outstanding School of Rehabilitation Science in Saskatchewan, nationally and internationally recognized for innovative research and graduate programs, high quality interprofessional education, and exceptional knowledge translation. We will demonstrate leadership in rehabilitation science to advance research, learning, knowledge sharing, and reconciliation and inclusion with and by Indigenous peoples and communities.

Mission

Excellence in Rehabilitation Science teaching, research, scholarship, and leadership to improve the quality of life and well-being for all people of Saskatchewan and beyond.

TABLE OF CONTENTS

Vision and Mission	01
Director's Message	02
Welcomes and New Roles	03
Celebrating 60 Years	04
In The News	05
Master of Physical Therapy Program	06
MPT Class of 2028 Infographic	07
Physical Therapy Students Society (PTSS)	08
Student Experience	09
New SRS Programs: MOT and MSLP	10
Student Recruitment and Social Media Engagement	11
Clinical Education	12
nistotamawin circle	13
Continuing Education in Rehabilitation Science (CERS)	14
Awards	15
MPT Class of 2025 Graduation Awards	16
Research Highlights	17
New Faculty Grants	18
Current Funding Partners	21
Student & Research Trainee Projects	23
Publications	24
Make a Gift to the SRS	28



Director's Message

As I look back on the past year, I am incredibly proud of the significant growth we have achieved within the School of Rehabilitation Science. These accomplishments were made possible through the hard work, dedication, and commitment of our team. The strong collaborations we share with partners across Health Sciences, the University of Saskatchewan, and our broader communities, are also integral to our success. This year's growth reflects not just where we've been, but the momentum we are building.

The 60th anniversary celebration in May marked a meaningful moment of connection, reflection and pride, bringing together faculty, staff, students, alumni, and other special guests to honor the evolution of the School and physical therapy education in Saskatchewan. From its humble beginnings in the airport hangar, to its years at St. Andrew's, and now its home in the Health Sciences building, the physical therapy program has grown and transformed in remarkable ways. This celebration offered an opportunity to share memories, recognize the achievements that shaped the past six decades, and look ahead with excitement of welcoming the inaugural student cohorts for the new Occupational Therapy and Speech-Language Pathology programs in 2026.

A key accomplishment this year was the successful academic approval of the Master of Occupational Therapy and Master of Speech-Language Pathology programs. Members of our team have been involved in every aspect of establishing the new graduate programs, from designing new spaces and recruiting faculty and staff to developing curricula and increasing awareness of these programs within the broader community. We look forward to welcoming future physical therapy, occupational therapy, and speech-language pathology students, learning together within uniquely harmonized programs next fall.

In September 2025, we launched our renewed MPT curriculum with a cohort of 57 students. Just two months later, in November, the school's largest MPT



This year's growth reflects not just where we've been, but the momentum we are building.

class to date—52 students—celebrated completion of the program.

Our faculty members, together with their research teams and collaborators, continue to advance impactful research that is making a real difference in health and rehabilitation science. Their work is driving innovations that improve clinical practice, inform policy, and enhance the quality of care for individuals and communities across Saskatchewan and beyond.

I want to express my heartfelt gratitude to the entire SRS team and our clinical community partners. Your collaboration, dedication, and passion make a real difference —improving lives and creating lasting impact across our communities.

Brenna Bath
Director and Professor, School of Rehabilitation Science

Welcomes and New Roles



Sue Britton

Academic Program Assistant



Angela Feehan

Assistant Professor



Paulina Finak

Assistant Professor
MSLP Program Chair



Stephanie Huff

Assistant Professor



Pam Hung

Assistant Professor



Kristine Hunter

Manager, Academic
Programs & Operations



Mariam Komeili

Assistant Professor



Meghan Maiani

Assistant Professor



Amanda Mofina

Assistant Professor



Anna Noyes

Assistant Professor



Angie Phenix

Assistant Professor



Lorraine Reggin

Assistant Professor



Brea Robella

MPT Program Coordinator



Kirsten Smith

Assistant Professor
MOT Program Chair



Mitchell Smith

Recruitment, Admissions and
Administrative Coordinator



Sylvana Tu

Research Facilitator



Carlee Wilson

Assistant Professor

Celebrating 60 Years

This year marked a significant milestone as we celebrated the 60th anniversary of physical therapy education at the University of Saskatchewan—a legacy built on excellence, collaboration, and a deep commitment to advancing the profession and rehabilitation science in our province. The day began with a morning research symposium that showcased MPT and other graduate student research. Faculty, students, alumni, and partners gathered to explore emerging trends and share new findings.

In the afternoon, the celebration continued with an open house that welcomed attendees to revisit familiar spaces within the School, explore new ones, and connect with colleagues old and new. Archival displays, interactive demonstrations, and student-led tours provided opportunities to reminisce and learn more about the history of the School and physical therapy education in our province. The day concluded with a lively evening celebration, where stories were shared, accomplishments recognized, and a collective sense of pride filled the room. It was a meaningful and memorable tribute to our past, present, and future as well as a testament to the strength of the community that has shaped our School for 60 years.



Left to right: Bryn Chippett, Laura Kortko, Mya Duong, Tyler Blanchette, Madison Brannen and Ben Flaman



SRS open house research demonstrations in room 3480



Attendees share stories at evening celebration



Attendees share stories at evening celebration



Past, present and future: Celebrating 60 years of rehabilitation science at USask

Since its humble beginnings at the Saskatoon airport, the School of Rehabilitation Science at the University of Saskatchewan (USask) has been a cornerstone of high-quality physical therapy education. [Read more](#)

In The News



From student athletic trainer to physical therapist In December, Master of Physical Therapy (MPT) graduate, Joanne Lavoie, started her career as a physical therapist (resident) on the medicine team at Royal University Hospital (RUH) in Saskatoon. [Read more](#)



Indigenous Achievement Week: Celebrating three exceptional College of Medicine Learners
The College of Medicine is proud to celebrate Cameron Bird, Sheila Naytowhow, and Terri Thunder, who were honoured with USask Indigenous Achievement Week (IAW) Awards. [Read more](#)



2025 - Year of milestones for physical therapy graduate
After completing the Master of Physical Therapy (MPT) program in December 2024, Henry Francisco started his career as a physical therapist at St. Paul's Hospital. [Read more](#)



USask community research uses virtual reality for Indigenous health education
A University of Saskatchewan (USask) research team is bringing health education into a new, technological – and virtual – world. [Read more](#)



USask launches two first-in-Saskatchewan rehabilitation science training programs
Two new programs have been launched in the School of Rehabilitation Science in the University of Saskatchewan's (USask) College of Medicine. [Read more](#)



Returning to school: USask Physical Therapy students pursue their dreams
Four Master of Physical Therapy (MPT) students have proved that it is never too late to go back to school. Inspired by their life experiences and support from their families, they chose to become physical therapists and are not looking back. [Read more](#)

Master of Physical Therapy Program

The revised MPT program curriculum was formally approved by University Council on January 23, 2025, marking a significant milestone in the program's ongoing renewal efforts. The launch of the revised curriculum in September 2025 was an exciting next step in this process. Since implementation, several key enhancements have been made to further strengthen curriculum integration, student engagement, and alignment with accreditation requirements.

Notable changes included the addition of surface anatomy laboratories in Foundations 1 (Anatomy), designed to better connect anatomical concepts with the foundational knowledge required for physical therapy practice. In Foundations 2, instructors collaborated to better integrate content, creating a more streamlined learning experience and strengthening connections between key concepts. Learning resources were also modernized through the use of Pressbooks to publish online lab manuals featuring embedded videos and interactive tools, alongside the adoption of Articulate Rise and H5P to create engaging educational materials that offer immediate feedback and opportunities for repeated practice.

In support of open educational resources, the Executive Curriculum Committee received funding from the Gwenna Moss Centre for Teaching and Learning to hire Jared Noyes (Class of 2025) to develop an open-access anatomy textbook. This exciting resource includes interactive learning features and "Jared's Jot Notes," which offer practical, student-informed perspectives on mastering course material. While initially developed for MPT students, the resource also holds strong potential for adaptation within future Occupational Therapy and Speech-Language Pathology programs.

The MPT program also implemented the software platform One45 to map competencies and curriculum content, marking an important advancement in curriculum organization and accreditation readiness. This has strengthened the program's capacity to generate accreditation reports that clearly demonstrate alignment among competencies, courses, objectives, and assessments.




Instructor Rhonda Loeppky teaches a class in the Marj Braid Lab



MPT students learning in the lab

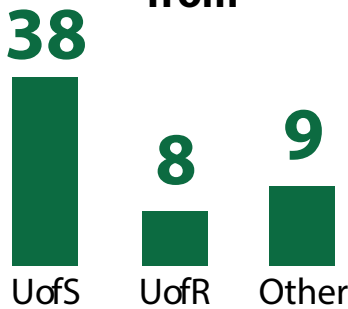
 **191**
Applications

 **57**
Students Admitted


22-40
Age Range
24
Average Age of Class


 **11**
Self-Declared
Indigenous Students

Undergrad Degrees from

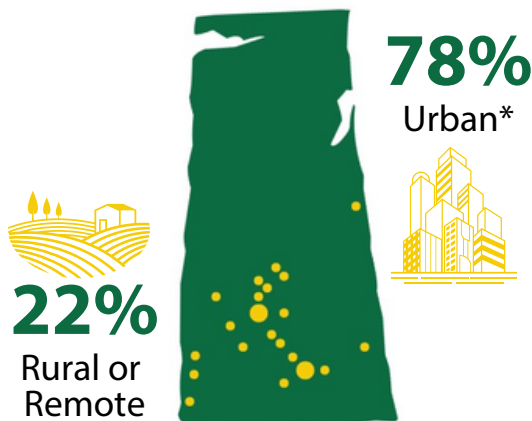


75-96%
Admissions GPA
Range

87.7%
Average GPA across
class

2 
Students accepted
with more than one
prior degree

Where our Class is from



*Saskatoon, Regina, Moose Jaw & Prince Albert

Academic Background based on undergraduate major



THIS IS US:
Master of Physical Therapy
Class of 2028



UNIVERSITY OF SASKATCHEWAN

School of
Rehabilitation Science

COLLEGE OF MEDICINE
MEDICINE.USASK.CA/SRS

Physical Therapy Students Society (PTSS)

The Physical Therapy Student Society (PTSS) plays a vital role in keeping MPT students informed about university affairs, serving as a liaison between students and faculty, and organizing a variety of activities throughout the year. The PTSS enjoyed another engaged year, contributing to committees within and beyond the School and leading numerous events and initiatives aimed at strengthening community, supporting student well-being, boosting morale, and coordinating fundraising efforts.

A key initiative this year involved revising the PTSS structure to prepare for the launch of the new OT and SLP programs in 2026. A dedicated group of students developed the Rehabilitation Student Council (RSC), which will replace the PTSS and serve as the unified student council for all three programs moving forward.

In addition to many social activities, highlights from the past year include:

- Class ski trip to Table Mountain
- Attending a Saskatchewan Rush game
- Establishing a journal club to discuss knowledge from relevant physical therapy research studies
- Participating in the Polar Plunge in support of the Special Olympics
- Taking part in the Push-ups for Mental Health Challenge where students accumulated a total of 33,331 push ups
- Coordinating the March Madness 50/50 bracket where close to \$400 was raised for Cystic Fibrosis
- Organizing the Facca Memorial Physiotherapy Golf Tournament which took place on May 31, 2025
- Continued engagement with SWITCH
- Engagement in Campus Rec with volleyball, dodgeball, basketball, football, ultimate frisbee, hockey and badminton teams
- Maintaining the Big Buddy/Little Buddy program, implemented in 2024, to increase connection among all students and provide support for first year students



Shinerama Volleyball Tournament



Facca Memorial Golf Tournament



Ski trip to Table Mountain



Polar Plunge



Facca Memorial Golf Tournament

Stay updated - follow our students on Instagram!



<https://www.instagram.com/usaskptss/>

Student Experience

MPT Class of 2025 Exit Survey Results



Received scholarships or bursaries throughout the MPT Program

69%

42%

Worked part-time while in the MPT program, with an average of 5 hours per week over both years of the program

Reported high levels of satisfaction with the classroom and laboratory facilities

89%

94%

Were satisfied with the safety and security of the SRS

Were satisfied with the study and social spaces available to them during the MPT program

47%

89%

Felt welcome at the school and a further 89% felt a sense of belonging

Were satisfied overall with their entire MPT educational experience

77%

New SRS Programs

Master of Occupational Therapy and Master of Speech-Language Pathology

In March 2024, the Government of Saskatchewan announced funding for the University of Saskatchewan to develop graduate-level occupational therapy and speech-language pathology programs. Academic approval for the new programs was secured in April 2025, marking a major milestone and paving the way for rapid progress over the remainder of the year.

A major focus over the past year has been on the planning and design of new spaces for an expanded SRS. This work included designing innovative teaching and learning spaces, planning for renovations to existing SRS areas, and developing new workspaces and a student-focused front-of-house. A new student workspace and combined locker/changeroom were included in the design, along with an expanded storage area to support program growth.

Over the past year, significant progress was made in recruiting and onboarding new faculty and staff. Recruitment of tenure-track faculty—six per program—was completed, with new OT and SLP faculty members joining between July and October 2025. Their arrival brought fresh expertise, energy, and perspectives, contributing to the development of curriculum and the broader academic vision of the SRS. Additional faculty recruitment will take place throughout 2026.

Student recruitment efforts began in May 2025 and continued through December, reaching a wide range of audiences and communities. Applications for the new programs were open from September through December, marking an important phase in shaping the inaugural cohorts.

Curriculum development moved into full swing in the fall, with faculty and program teams working intensively to design academically rigorous, forward-looking learning experiences rooted in Saskatchewan's unique context and harmonized, where possible, across the SRS programs. This work included refining course structures, mapping competencies, and ensuring alignment with accreditation and professional standards.

While substantial progress has been made across all areas, much remains to be done. The focus is firmly on fall 2026, when the first intake of learners will arrive. The Master of Occupational Therapy and Master of Speech-Language Pathology programs will each welcome 40 new students, marking a transformative moment for the SRS, the University of Saskatchewan and the province. As preparations continue, the momentum built throughout 2025 serves as a strong foundation for the work that lies ahead.



Student Recruitment

The newly formed Recruitment Committee developed a comprehensive strategy to guide all student recruitment activities for 2025-2026. The strategy prioritized current post-secondary students, with a secondary emphasis on high school students and their key influencers as part of a long-term recruitment approach. Key goals centred on increasing diversity in the academic backgrounds of admitted students, events supporting students of Indigenous ancestry, and expanded engagement with high school students.

The team participated in a total of 31 activities, both on and off campus, in Saskatoon and throughout the province, delivered virtually and in person. Digital advertising campaigns ran in the fall and a range of promotional materials and resources were developed to support outreach and engagement efforts.



Kat Bear (Class of 2025), Mitchell Smith and Liz Durocher (pictured left to right) attended Indigenous Student Experience Day on campus in May.

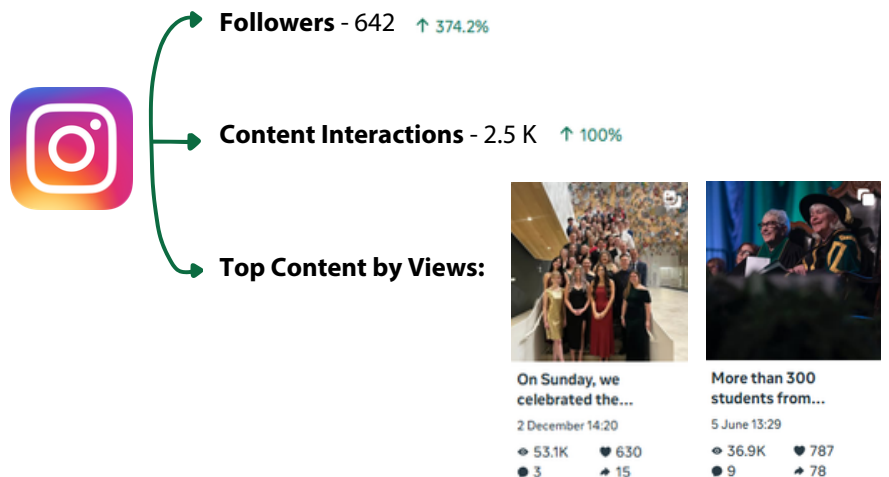
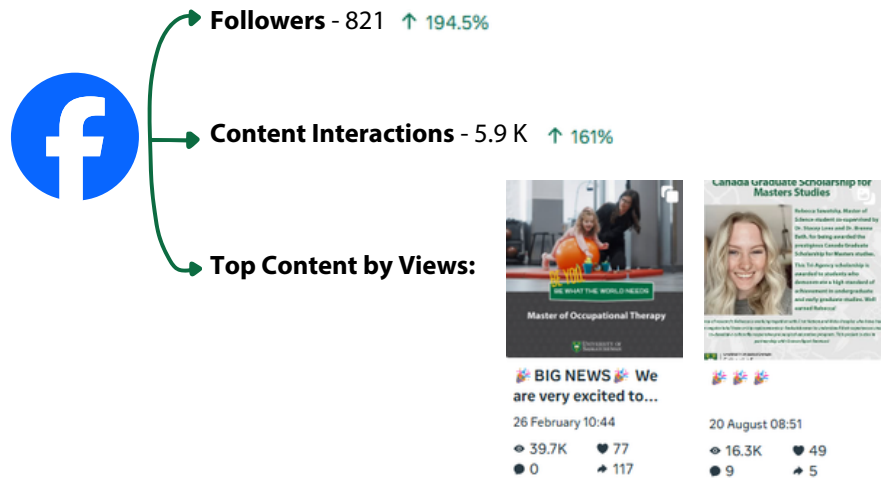


The SRS partnered with the Saskatoon Industry Education Council to host a group of high school students exploring careers in the therapies.



(Left to Right): Kara Broks, Mitchell Smith and Tami Turner attended a high school student recruitment event in North Battleford.

Social Media Engagement



Clinical Education

This year marked continued growth and innovation in clinical education. Student placements at West Winds Primary Health Centre and Neuro Moves continued to grow. Cardiorespiratory placements were supported by innovative supervisory approaches including a successful pilot of a 3:1 student-to-clinical instructor model.

Role emerging and peer assisted learning opportunities expanded across diverse settings, including an elementary school, a mental health and addictions drop-in center, and two long term care homes. Clinical education initiatives were strengthened in Saskatoon through the reintroduction of one-day CP 1 visits, with Year 3 students in CP 5 serving as acting clinical instructors.

This year also saw expansion in placement capacity, with 28 new clinical instructors onboarded, the opening of the first student led clinic at the USask Prince Albert campus, and brand-new placement locations. These included a split placement between Wollaston Lake First Nation and a virtual reality research-based placement at Whitecap Dakota First Nation, and a student placement at the Virtual Health Hub, offering combined in-person and virtual pediatric services for First Nation communities.

Engagement with OT and SLP clinical partners across the province provided valuable insights and began important conversations to enhance and expand clinical learning opportunities for upcoming student cohorts.

33 New Clinical Instructors onboarded

36 Geographic locations

103* Sites

328 Placements from Jan-Dec 2025

*Note: Unique units/departments within a particular building are each considered as a site for reporting purposes.



Bryant, Terrell, Bill, Lindsay, Austin, Lorin, McKenna, Meagan, and Taylor were involved in placements at St. Paul's Hospital.



Student-led clinic improves access to care for rural and remote patients

A new School of Rehabilitation Science student-led clinic on the USask Prince Albert campus supports clinical education and interdisciplinary learning opportunities for Master of Physical Therapy (MPT) students, highlights rural and remote physical therapy opportunities, and improves access to care for Prince Albert and surrounding communities

[Read more](#)

nistotamawin circle

Tansi, Taanishi, Edlante, Aanii, Hello, Bonjour!

Throughout the year, the nistotamawin circle continued to advance its commitments to Truth and Reconciliation, cultural safety, and Indigenous engagement through a series of coordinated initiatives, learning opportunities, and community-building activities. A strategic goal over the past year was to increase the number of land-based learning opportunities for students and staff.

The nistotamawin circle welcomed second-year student, Hannah Courtoreille, to serve as co-chair, strengthening Indigenous student leadership within the circle. We also welcomed Angie Phenix, new faculty in the Master of Occupational Therapy Program.

Significant progress was made in developing Guiding Principles aligned with the nistotamawin painting, with work centered on integrating the symbolism of language and art while emphasizing the Five R's—respect, reciprocity, relevance, responsibility, and relationships. These principles are being designed to support the SRS response to MPT program accreditation standards and to guide policy development, curriculum design, admissions processes, and approaches to teaching and learning. Ongoing discussions highlighted the importance of ensuring the principles are relevant across the full breadth of SRS programs, including future MOT and MSLP programs, to promote inclusivity and program-wide alignment.

Events and Educational Opportunities

- The Action on Anti-Racism and Anti-Oppression event, held in June, featured guest speakers Liz Durocher (Indigenous Initiatives Coordinator), Dr. Soo Kim (MPT Program Chair), and Dakota Knowledge Keeper Melvina RedEagle
- As part of Module 8 curriculum content, students participated in a June land-based walk with Liz Durocher and Stacey Lovo, where they explored connections between land-based experiences and mental health; they also participated with Liz in a land-based experience at Pike Lake
- A series of teaching days explored topics such as the Medicine Wheel, Métis Talking Stick and Sash, Louis Riel Day, beading, and bannock-making
- An Indigenous Students Welcome Lunch was held during the first week of September to foster community, support student transitions, and strengthen early connections among Indigenous students, faculty, and staff
- In September, a Blanket Exercise event was hosted in partnership with Darryl Isbister (Gwenna Moss Centre for Teaching and Learning), Elder Wayne Iron, Knowledge Keeper Melvina RedEagle, and Oskapiyos Wayne Ermine, bringing together 80 participants including students, staff and faculty



Hannah Courtoreille (pictured right) joined Liz Durocher (pictured left) as co-chair of the nistotamawin circle



Members of the nistotamawin circle gather in the Good Medicine People space in the Health Sciences building



nistotamawin artwork and logo



Bannock-making at Pike Lake as part of land-based learning activities

Continuing Education in Rehabilitation Science (CERS)

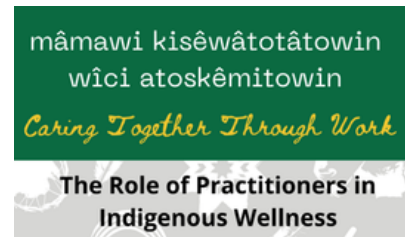
Continuing Education in Rehabilitation Science (CERS) provides a wide range of education, event management, and knowledge translation services for rehabilitation science professionals. This year, CERS welcomed two new casual staff members—occupational therapist Erin Soltys and physical therapist Alex Wojcichowky—who contributed to curriculum planning efforts.

In partnership with Continuing Medical Education (CME), CERS delivers Indigenous Wellness programming, including The Role of the Practitioner in Indigenous Wellness (RPIW) and Building an Awareness of Cultural Humility. These offerings were well attended and expanded this year to include new learner groups - Master of Nursing – Nurse Practitioner students and the inaugural Master of Physician Assistant Studies cohort.

CERS expanded and strengthened partnerships throughout the year, including a collaboration with the Saskatchewan Health Authority to co-host a virtual pediatric therapy conference. It also delivered a three-part international virtual audiology conference featuring both new and returning speakers. Additional offerings included Accessible and Adaptive Yoga Teacher Training and a Functional Capacity Evaluation course in the spring, along with support for a Biomechanical Dry Needling course and the AIM Orthopaedic Division Level 2 Lower Quadrant course.

Equity-focused education was advanced through the Trans-Inclusive Healthcare Series: A Focus on Youth. This self-directed online course was open to all healthcare professionals. In addition, CERS partnered with the Saskatchewan College of Physical Therapists (SCPT) to offer a free webinar, Telerehabilitation Tools and Strategies for Today's Physiotherapist, further extending its reach and impact.

CERS continued to support University of Saskatchewan faculty through comprehensive knowledge translation services, including website development, in-person and virtual event management, and the creation of digital media resources.



Congratulations!

Faculty & Staff Awards

Katie Crockett

- Liz Harrison Interprofessional Collaboration Award

Kristen Cutting

- College of Medicine Strategic Star Award

Sarah Donkers

- King Charles III Coronation Award for contributions to brain health in Canada

Hope Jervis-Rademeyer

- First Place, Clinical/Best Practice Category, Canadian Spinal Cord Injury-Research Association (CSCI-RA) Conference

Soo Kim

- 2025 Science and Technology Award of the Year, Association of Korean-Canadian Scientists and Engineers

Sarah Oosman

- SoTL Faculty Fellow (2025-2027), Jane and Ron Graham Centre for the Scholarship of Teaching and Learning, College of Education, University of Saskatchewan



Kristen Cutting & Dr. Sarah Forgie (Dean-College of Medicine)

Graduate Student Awards

Kara Gorman

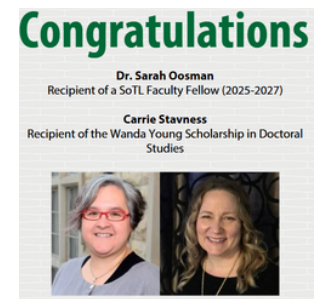
- SoTL Flicker grant, as a Master of Scholarship of Teaching and Learning (Education)

Rebecca Sawatsky

- CIHR Graduate Student Award (Masters)

Carrie Stavness

- Wanda Young Scholarship in Doctoral Studies (Supervisor: Dr. Sarah Oosman)



Student Awards

Kat Bear (Class of 2025)

- Lifemark Scholarship for Black and Indigenous Students

Cam Bird (Class of 2025)

- Indigenous Student Achievement Award for Resilience

Quintan Fast ('26), Jaira Cross Child ('26), Sean Lockerbie ('25), Jake Neufeld (Research Student)

- Earned U SPORTS Academic All-Canadian status

Ben Flaman (Class of 2025)

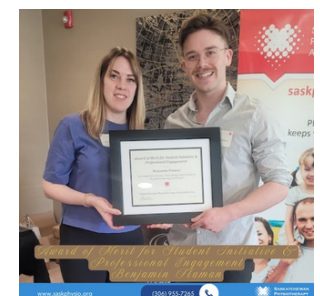
- SPA: Award of Merit for Student Initiative & Professional Engagement

Natalie Vanidour (Research summer student with Dr. Hope Jervis-Rademeyer)

- uRSAW Storytelling Competition Award for her entry - Pedaling Forward: Development of a Community of Practice for Functional Electrical Stimulation Cycling



Quintan Fast, Jaira Cross Child, Sean Lockerbie, Jake Neufeld



Nicole Louks (left) presents Ben Flaman (right) with an award



Dr. Sarah Forgie - Dean, College of Medicine



Melissa Koenig & Bryant Jones



Zoe Arnold & Gabriel Olver



Graduating Class of 2025

MPT Class of 2025 Graduation Awards

Sadownick Family Award for Most Distinguished MPT Graduate

Terrell Drever

Canadian Physiotherapy Association Prize

Madison Brannen

Joan Eaton Memorial Award

Shayla Olafson

Joyce Manton Award

Bryant Jones

V.J. Cottrell Award & CPA's Physiotherapy Student Leadership Award of Excellence

Carter Frerichs

N.W. Tymchyshyn Memorial Award

Sydney Dillman

Lindsay Facca MPT Sport Physiotherapy Memorial Award

Dawson Stillinger

Canadian Academy of Manipulative Physiotherapy (CAMPT)

Student Award

Addison Dasiuk

Chris Facca Memorial Award

Braelan Frenette

National Orthopaedic Division Student Award

Ben Flaman

Aly Jenkins Memorial Scholarship

Carly Shamray

William Barrymore Small Bursary Award

Cassie Prentice

Cathy Arnold Courage Award

Gabriel Olver

Research Highlights

NEW GRANT FUNDING

(*Faculty as NPI)

	2022-2023	2023-2024	2024-2025	2025-2026
Tri-Agency	\$53,889	\$3,002,678	\$247,898	\$242,000
Other External	\$668,199	\$677,775	\$668,128	\$268,145
Internal	\$48,573	\$149,000	\$10,000	\$504,947
Totals	\$770,661	\$3,829,447	\$926,026	\$1,015,091

PEER-REVIEWED JOURNAL PUBLICATIONS

53

CITATIONS

2278



Lori Lisitza (left) presents DARE uRSAW Summer Student Natalie Vanidour with an award.



Bryn Chippett (left) and Tyler Blanchette present at the SRS Student Research Symposium on May 23, 2025



Mya Duong presents at the SRS Student Research Symposium on May 23, 2025.

New Faculty Grants

(January-December 2025)

Desmeules, F, Dubois L, Santaguida, Anderson C, **Bath B**, Bourassa-Moreau, Kairy D, Langevin P, **Lovo S**, Masse-Alaire H, Roy J, Santaguida C, **Usunier K**, Vincent R, Ward K. Development and Initial Validation of Telehealth Remote Assessments and Physical Examinations for Patients Presenting with Neck or Low Back Pain. CIHR Catalyst Grant – Digital Health \$99,984

Perreault K (NPI), **Bath B** (Co-I), Bostick G, Churchill K, Desmeules F, Ellis K, Gross D, Hudon A, Hurturbise K, Kairy D, Lamontagne M, Nollet S, Lowry V, Déry J, Charbonneau C, Simard H. Development, implementation and evaluation of primary care telephone rehabilitation services in Canada: Coming together to improve access to rehabilitation for persons experiencing musculoskeletal disorders. Canadian MSK Rehab Research Network. \$40,000

Dell, C. (PI), Williamson, L., Woodsworth, J., Graham, H., Teucher, U., **Caron, V.**(Co-I), Stempien, J., McKenzie, H., Kang, T. & Fornssler, B. Stage 1: Building a Centre for Human-Animal Connections & Collaboration (CHAC2) \$20,000

Eng J et al., **Donkers SJ** (co-I) Stroke WnW Knowledge Mobilization Grant, Accelerating Clinical Trials Canada. \$10,000 CAD

Adebiyi O (PI), **Donkers SJ**, (co-I), Stimulating the Activity of Neurons to Restore Myelin and Improve Cognition in Mouse Models of Multiple Sclerosis, SHRF Establishment Grant, \$150,000

Whelan R, Graham B, et al. **Donkers SJ** (co-I). Improving Provincial Stroke Care Through In-Person Education and Support \$10,000

Marrie et al. team grant, ***Donkers SJ** (co-I) Examining intersections of biographies and biologies: diversity and outcomes of people with multiple sclerosis in Canada. CIHR Team grant Embracing Diversity to Achieve Precision and Health Equity – Infection and 19. Research Immunology Stream; Canadian Institute of Health Research (CIHR), \$1,200,000 (CAD)

Donkers SJ (PI), Knox K, Simpson R, Bayley M, CanBestMS – developing a Canadian ms rehab clinical best practice guideline, MS Canada, \$200,000 (CAD), with matched funding from SHRF \$100,000

Finlayson M et al., **Donkers SJ** (co-I) Evaluating an MS Rehab ECHO to prepare non-specialist occupational and physical therapists to provide evidence-based care to people with MS in Canada (MS Rehab ECHO) \$300,000 (CAD)

Donkers SJ (co-PI), Knox K (co-PI). 2025 Continuation NeuroSask: Active and Connected. MS Canada, \$30,000.0 (CAD)

Simpson R, **Donkers SJ** (co-PI) et al, Online Mindfulness-Based Cognitive Therapy to Support Self-Management of Depression for People with MS. National MS Society, \$300,000

Unger, J. (PI), **Donkers, S.J.** (Co-PI), **Jervis-Rademeyer, H.** (Co-PI), Cheung, L., Kaiser, A., Musselman, K.E., Developing best practice guidelines for activity-based therapy in Canada. Supporting network to translate and implement evidence-based care, Praxis Spinal Cord Institute, \$19,951 (CAD)

Jervis-Rademeyer, H. (NPI), **Donkers, S.J.**, Ho, C., Musselman, K., Marshall, S., Tung, W. Pedaling forward: Development of an interprovincial functional electrical stimulation cycling community of practice. Supporting network to translate and implement evidence-based care, Praxis Spinal Cord Institute, \$19,800 (CAD)

New Faculty Grants Continued

Ho, C. (PI), **Jervis-Rademeyer, H.** (Co-I), Bersch-Porada, I. Abdominal transcutaneous electrical stimulation to alleviate neurogenic bowel dysfunction in people with chronic spinal cord injury. \$49,998 (CAD), Translate research into neurorestorative treatments, Praxis Spinal Cord Institute. \$3750 (CAD) to H. Jervis-Rademeyer.

Jervis-Rademeyer H, Linassi G, Olver C, **Lovo S**, Fourney D. Understanding perspectives about SCI healthcare and access: Relationship building with Indigenous Peoples in Saskatchewan. COMRAD. College of Medicine, University of Saskatchewan. \$30,000

Kim, Soo, Lovo, Stacey, Mendez, Ivar, Graham, Holly, Hamilton, Melanie, Henry, Bobby, Dray, Bear, Dylan, Merrick., **Liz, Durocher.** & Raina, Buffalo. Co-creating a VINE: Virtual Reality for Indigenous Youth and the Next Generation of Emerging Health Professionals, 247898.0New Frontiers in Research Fund - Exploration, Tri-Agency Institutional Programs Secretariat. 247898 to Kim, Soo. \$250,000

Boechler L, **Kim S, Lovo S**, Hatch A, Apesis D. Virtual Interventions and Community Connections for Indigenous Youth (VICCIY): Exploring Virtually-Based Mental Health Support and Community Engagement for Indigenous Youth in Rural and Remote Settings Funding Source: Saskatchewan Health Research Foundation (SHRF); Impact Grant Total Funding: \$150,000

Boechler L, **Kim S, Lovo S**, Farthing P, Davies S. Virtual Interventions and Community Connections for Indigenous Youth (VICCIY): Provincial Wellness Summit for Youth Living in Rural and Remote Saskatchewan Funding Source: Saskatchewan Health Research Foundation (SHRF); Mobilize Grant Total Funding: \$10,000

Komeili, M. Visiting Lecturer Fund, University of Saskatchewan – Awarded \$2500.00 to host Dr. Tim Bressman, University of Toronto, for lectures and collaborative meetings

Lovo, S. (NPI), Mendez, I., Adams, S., **Caron, V.**(Co-I), Dunn, H., McKinney, V. Evaluation of a Long-term Solution to Enhance Equitable Access for Pediatric Rehabilitation in Three Northern Remote Communities – Planning and Evaluation of kisipapameek, a Mobile Health Services Pod, \$150,000

Veras M, Diffey L, Urbanowski R, Ripat J, Thille P, Sanchez-Ramirez D, Choukou A, Hockman L, **Lovo S**, Kairy, D. Building Relationships with Indigenous Communities: An initiative for Primary Health Care and Digital Health. University of Manitoba Connections Grant. \$14,670

Adams S, Mendez I, **Lovo S** (co-I), McKinney V, Khan A, Stevens JM. Artificial Intelligence for Obstetrical Imaging from Blind Ultrasound Sweeps. SHRF Impact Grant, \$150,000

Lovo S (NPI), Mendez I, Adams S, Deason J., McKinney V. **Caron V**, Bowes B, Dunn H, Linklater K, Ratt M, Johnson R. Evaluation of a Long-term Solution to Enhance Equitable Access for Pediatric Rehabilitation in Three Northern Remote Communities – Planning and Evaluation of kisahpamik, a Mobile Health Services Pod. SHRF Impact Grant, \$150,000

Mendez I, **Lovo S** (co-PI), Adams S. Strengthening the Technological Infrastructure of a Command Center for the Virtual Health Hub. SHRF Realizing Value Grant, \$25,000

New Faculty Grants Continued

Boechler, L, **Lovo S** (co-I), **Kim S**, Apeis D, Hatch A. Virtual Interventions and Community Connections for Indigenous Youth (VICCIY): Exploring Virtually-Based Mental Health Support and Community Engagement for Indigenous Youth in Rural and Remote Settings. SHRF Impact Grant, \$150,000

Mendez I, **Lovo S** (co-PI), Adams S, Bargar Corinne, Stevens JM. Enhancing ADHD and Autism Diagnosis in Rural and Remote Communities Using Eye Tracking Technology. SHRF Impact Grant, \$150,000

Lovo S (NPI), **Bath, B** (Co-PI); Mckinney, V. (co-PI) Adams, SJ; Bowes, B; **Crockett, KL**; Deason, JP; Groot, G; King, A; Mendez, IM; Sawatsky,R; Van Der Merwe, J. A First Nation and Métis Community-Directed Approach to Culturally Responsive Virtual Rehabilitation for Hip and Knee Total Joint Replacements. CIHR Project Grant Bridge funding, \$100,000

Samaniego M, Mendez I, Deeson J, **Lovo S**. Electronic Medical Records (EMR) Integration for First Nation Communities in Saskatchewan. NEIHR Community Partnership Grant, \$15,000 *senior author – providing mentorship and training in community engagement, Indigenous methodologies, analysis.

Wiebe G, **Lovo S**, Daislyn V Tehseen S, A Provincial Neurodivergent Advocacy Partnership: Developing Responsive, Inclusive Care Systems Led by Communities. SHRF Align Grant, \$10,000

Oosman, S. Occupational therapy fieldwork education in Saskatchewan-Exploring the support needs of preceptors (For Kara Gorman). The Jane and Ron Graham Centre For the Scholarship of Teaching and Learning; SoTL Flicker Grant, \$2,500

Oosman, S., Abonyi, S., **Durocher, L**, Roy, T., Desjarlais, J., Sakitawak Elders Group Inc., Northern Village of Ile a la Crosse. Bridging Back to Community: Innovating Métis-driven arts-based knowledge mobilization for Wuskiwiy-tan! and Tah-Nighaniwhak projects with the community of Ile a la Crosse, SK. Saskatchewan Health Research Foundation (SHRF); Mobilize Grant, \$10,000

Wenjun, L., **Zucker-Levin, A.**, Delynne, B., Ian, W. & Justin, B. Wheels of Wisdom: Culturally Grounded Assistive Devices for Nehiyawak (Plains) and Maskêkowiyniwak (Swampy) Cree and Métis Elders, Mobilize Grant, Saskatchewan Health Research Foundation, \$10,000 (CAD)

Current Funding Partners



UNIVERSITY OF SASKATCHEWAN
College of Medicine
MEDICINE.USASK.CA



**THE JANE AND RON
GRAHAM CENTRE**
FOR THE SCHOLARSHIP
OF TEACHING AND LEARNING
UNIVERSITY OF SASKATCHEWAN



CIHR IRSC
Canadian Institutes of Health Research
Instituts de recherche en santé du Canada



SHRF
SASKATCHEWAN
HEALTH RESEARCH
FOUNDATION



**VIRTUAL
HEALTH HUB**



UDS Université de
Sherbrooke



JIM PATTISON
CHILDREN'S HOSPITAL
FOUNDATION



MS Multiple
Sclerosis
Society of
Canada



Mitacs



PRAXIS
Spinal Cord Institute
Institut de la moelle épinière



uOttawa



Government
of Canada

Gouvernement
du Canada

Student & Research Trainee Projects

MSc		
Supervisor	Student	Title
Brenna Bath & Stacey Lovo	Rebecca Sawatsky	First Nation and Métis Community Needs for Rehabilitation of Total Joint Replacements
Valerie Caron	Erin Stanley	Gait Analysis Techniques for AFO prescription in children with physical disability
Valerie Caron & Sarah Donkers	Jake Neufeld	Using auditory feedback at heel strike for training walking in people with Multiple Sclerosis Walk Best with MS: Exploring biofeedback training for walking function in people with multiple sclerosis
Sarah Donkers	Sydney Hillier	What are the effects of translingual neurostimulation on brain plasticity in MS
Sarah Donkers	Rahmah Ikhlas	The behaviour change strategies to support delivering and implementation of psychological interventions for people with MS
Paulina Finak	Brooklyn Mann	Epidemiology of Speech Delay in Neonates
Hope Jarvis-Rademeyer	Miriam Pathac	Spiritual care in Saskatoon hospitals: Experiences of neurological patients
Soo Kim	Abby Lehmann	Weight Stigma Experienced from Healthcare Professionals Seen in Relation to a Breast Cancer Diagnosis by Breast Cancer Survivors in Saskatchewan
Soo Kim	Rhonda Loeppky	Mobile App for Shoulder Rehabilitation Following Breast Reconstruction: A Pilot Study
Stacey Lovo	Briana Bowes	Needs and Experiences of Saskatchewan First Nation Communities with Virtual Care: A Community-Directed Needs Assessment.
Stephan Milosavljevic	Lucas Julseth	Whole-Body Vibration Effects on Cognition in an Experimental Rat Model
Stephan Milosavljevic	Daniel Chao	Occupationally Relevant Vibrations and the Brain: Frequency-Dependent Proteomics Signatures in a Rat Model
Sarah Oosman	Kara Gorman	Cultivating Capacity: Exploring OT Clinicians' Perspectives on Fieldwork Education in Saskatchewan
PhD		
Supervisor	Student	Title
Brenna Bath	Rosmary Martinez Rueda	Health Promotion among Physical Therapists Internationally: Practices and Experiences
Brenna Bath & Katie Crockett	Kendra Usunier	Bridging Access to Physiotherapy Care Gaps for Saskatchewan Mothers
Sarah Donkers	Nataliya Tokarska	Acute intermittent hypoxia (AIH) as a non-invasive therapy for the treatment of multiple sclerosis (MS)
Sarah Donkers	Jillian Scandiffio	Supporting healthcare providers in physical activity prescription in the care of MS
Stacey Lovo	Rosalie Dostie	Navigating Fragmented Systems: A Multiple Cases Analysis of Policy Contexts, Community Service Organization, and Families Needs in Four First Nation Communities in Quebec and Saskatchewan
Stacey Lovo	Hailey Dunn	Collaboration with Northern Indigenous Community for Co-development of Pediatric Virtual Care Strategy
Stacey Lovo	Taron Topham	Working in partnership with rural, remote and Indigenous communities to enhance access to wound care using technology
Sarah Oosman	Carrie Stavness	Building a pathway: Decolonizing teaching & learning experiences in the USask Master of Physical Therapy (MPT) Curriculum
Sarah Oosman	Cindy Deschenes	Coyote's Dream: Restoring Harmony & Balance Through Leadership Development
Sarah Oosman	Shannon Hyslop	Project title TBD
Sarah Oosman & Audrey Zucker-Levin	Lacey Nairn Pederson	Exploring Indigenous women's T2D lived experiences and aspirations living with diabetes in Saskatchewan Plantar loading patterns among foot orthoses in cavus foot deformity; diabetes and Indigenous autonomy in care
Teresa Paslawski	Chelsea Gordon	The impact of rehabilitation services in schools
Audrey Zucker-Levin	Kamiar Ghoseiri	Phantom motor execution, phantom awareness, function and control in people with unilateral trans-tibial amputation

Student & Research Trainee Projects

Postdoctoral Fellows		
Supervisor	Student	Title
Sarah Donkers	Kaitlin Merkowsky	Rehabilitation Interventions to Address Cognition in Multiple Sclerosis
Sarah Donkers	Dina Gaid	Implementing best practice in multiple sclerosis rehabilitation
SRS Student Research Projects		
Supervisor	Student	Title
Valerie Caron	Angelle Avery	Healthcare provider perspectives on the integration of a rehabilitation dog into outpatient pediatric services. (1)
Valerie Caron	Leah Jones	Healthcare provider perspectives on the integration of a rehabilitation dog into outpatient pediatric services. (2)
Valerie Caron & Katie Crockett	Haidyn Golinowski	A qualitative evaluation of new interdisciplinary clinical placements for MPT students (1)
Valerie Caron & Soo Kim	Natasha Mwansa	Empowering Students in Policy Development: A Path to Inclusive Rehabilitation Education
Katie Crockett	Ben Grundmanis	A novel protocol for the stiff knee post-total knee replacement (1)
Katie Crockett	Dawson Stillinger	A novel protocol for the stiff knee post-total knee replacement (2)
Katie Crockett & Stacey Lovo	Kat Bear	Healthcare provider perspectives on pediatric rehabilitation services and remote presence robotics in Northern Cree First Nations Communities
Hope Jarvis-Rademeyer	Gabriel Olver	Activity-based therapy for spinal cord injury: educating healthcare providers
Stacey Lovo	Hya El-Baroudy	Enhancing Access to Musculoskeletal Care in Northern First Nation and Metis Communities using Remote Presence Robotic Technology
Stephan Milosavljevic	Isbah Butt	Music and Pain Relief: Are there Genre Preferences?
Sarah Oosman & Valerie Caron	Mackenzie Eberts	Engaging MPT students in collaborative research ~ evaluating a process of 'ungrading' to assess professional & reflective practice skill development
Undergraduate Summer Internship		
Supervisor	Student	Title
Hope Jarvis-Rademeyer	Natalie Vanidour	Pedaling forward: Development of an interprovincial function electrical stimulation cycling community of practice
Meghan Maiani	Dakota Hofforth	Sensorimotor network functional connectivity and proprioception in youth with hemiparetic cerebral palsy

Arnold C, Bath B, Prosko S, Farthing J, **Crockett K**, Lanovaz J. Effect of 12 Weeks of Hatha Balance Flow on Fall Risk in Postmenopausal Women. International Journal of Yoga Therapy. Dec 2025 Article 11. doi: 10.17761/2025-D-24-00074.

Lordall J, **Arnold CM, Donkers SJ**, Farthing JP, Lanovaz JL, Oates AR. The influence of lateral constraints on walking: effects of walking speed and biological sex. J Appl Biomech. 2025 Oct;1:1-8. doi:10.1123/jab.2024-0258.

Lafrance S, Thavorn K, Desmeules F, Gagnon R, LaRue S, Santaguida C, **Bath B**, Perreault K, Hébert LJ, Feldman D, Fernandes J, Guertin JR. Cost-effectiveness of single versus multiple sessions of physical therapy for adults with spinal disorders: an economic evaluation from a pragmatic randomized controlled trial. J Orthop Sports Phys Ther. 2025 Jan;55(110):719-726. doi:10.2519/jospt.2025.13468.

Martinez-Rueda R, **Bath B**. Health promotion in chronic conditions: Colombian physiotherapists' experiences. Eur J Public Health. 2025 Oct;35(Suppl 4):ckaf161.1503. doi:10.1093/eurpub/ckaf161.1503.

Alras A, Patel MA, Wang M, **Lovo S, Bath B**, Hammond C, Mendez I, Babyn P, Adams SJ. Recommendations regarding the appropriateness of virtual care: a systematic review. Telemed J E Health. 2025 Sep;0(0):1-13. doi:10.1177/15305627251380328.

Caron V, Oates A, Petrin J, Pinto R, Lanovaz J, **Oosman S, Donkers S**. Exploring impacts of integrating a rehabilitation dog into physiotherapy from the perspectives of children with cerebral palsy and their caregivers. NeuroRehabilitation. 2025 Sep;57(3):377-388. doi:10.1177/10538135251384485.

Caron V, Oates A, Pinto R, Lanovaz JL, Dell CA, **Oosman S, Donkers SJ**. An animal-assisted physiotherapy intervention with a rehabilitation dog for walking and balance training: a case series of children living with cerebral palsy. NeuroRehabilitation. 2025 Jul;57(3):363-376. doi:10.1177/10538135251353467.

Caron V. Balance and walking interventions for children with cerebral palsy through the lens of the adapted systems framework for postural control: a systematic review. Federated Research Data Repository. 2025 Apr. doi:10.20383/102.0684.

Yanko EJ, Thomson C, Gasmol C, Bourassa R, **Crockett K**. A collaborative interdisciplinary approach for trigger finger management. J Hand Ther. 2025 Jan 15;S0894-1130(24)00169-8. doi:10.1016/j.jht.2024.12.003. *Corresponding author.

Crockett K, Dunn H, Dostie R, Diedrich-Clossen K, McIntyre L, Quigley K, Sharpe K, Mendez I, Swidrovich J, Johnson R, McKinney V, Holt T, **Turner T**, Bird K, Bowes B, Custer C, Linklater K, Camden C, **Lovo S**. Developing an interprofessional pediatric rehabilitation model of care in northern Cree First Nation communities: protocol for a needs assessment and codeveloped intervention with a qualitative and participatory action approach. JMIR Res Protoc. 2025 Sep;14:e69438. doi:10.2196/69438.

Donkers SJ, Walker LA. An interdisciplinary approach is necessary in the treatment of cognitive decline in multiple sclerosis: Yes. Mult Scler. 2025 Mar;31(3):257-259. doi:10.1177/13524585251315344.

Donkers SJ, Evans C, Levin MC, Ives K, Le H, Lim HJ, Knox KB. Individualized Physiotherapy and Activity Coaching in Multiple Sclerosis (IPAC-MS): Results of a Randomized Controlled Trial. Arch Phys Med Rehabil. 2025 Feb 15;S0003-9993(25)00527-1. doi:10.1016/j.apmr.2025.02.005.

Donkers SJ, Berscheid M, Bayley M, Bruno TR, Pilutti LA, Simpson R, Smyth P, Walker LAS, Knox KB, AGREE Working Group of the Canadian MS Rehabilitation Knowledge Mobilization Network. Quality and scope of published international guidelines for multiple sclerosis care: AGREE II appraisal. NeuroRehabilitation. 2025 Nov;57(3):402-410. doi:10.1177/10538135251387611.

Donkers SJ, Bayley M, Bruno TR, Marrie RA, Simpson R, Smyth P, Knox KB. Building bridges: establishing a multiple sclerosis rehabilitation research and clinical knowledge mobilization strategy. NeuroRehabilitation. 2025 Aug;57(3):411-420. doi:10.1177/10538135251365102.

Publications Continued

Gaid D, Neufeld J, Boden C, Knox KB, Bayley M, Bruno TR, Simpson R, **Donkers SJ**. [Rehabilitation interventions for improving gait for people with multiple sclerosis: a scoping review of reviews](#). *Mult Scler Relat Disord*. 2025 Dec;104:106784. doi:10.1016/j.msard.2025.106784.

Hung SH, Ackerley S, Connell LA, Bayley MT, Best KL, **Donkers SJ**, Dukelow SP, Ezeugwu VE, Milot MH, Peters S, Sakakibara BM, Sheehy L, Yao J, Eng JJ. [Real-world experiences of therapy staff implementing an intensive rehabilitation protocol in Canadian stroke inpatient rehabilitation settings: a multi-site survey study](#). *Phys Ther*. 2025 Oct;105(11):pzaf111. doi:10.1093/ptj/pzaf111.

Scandiffio J, Langer LK, Senthilnathan V, Feng G, Sureshkumar A, Bromberg M, Babineau J, **Donkers SJ**, Knox KB, Bruno T, Walker LAS, Bayley MT, Simpson R. [Effects of psychological therapies in people with multiple sclerosis: a systematic review and network meta-analysis of randomized controlled trials](#). *J Neurol*. 2025 Aug;1-14. doi:10.1007/s00415-025-13315-6.

Peters S, Hung SH, Bayley MT, Best KL, Connell LA, **Donkers SJ**, Dukelow SP, Ezeugwu VE, Milot MH, Sakakibara BM, Sheehy L, Wong H, Yang Y, Yao J, Eng JJ. [Safety and effectiveness of the Walk 'n Watch structured, progressive exercise protocol delivered by physical therapists for inpatient stroke rehabilitation in Canada: a phase 3, multisite, pragmatic, stepped-wedge, cluster-randomised controlled trial](#). *Lancet Neurol*. 2025 Aug;24(8):643-655. doi:10.1016/S1474-4422(25)00201-7.

Seliman M, Hong J, Gonzaga K, Wolfe DL, Lemay JF, Chase A, Walden K, **Donkers SJ**. [Factors affecting standing and walking outcomes for individuals with spinal cord injury during in-patient rehabilitation: a qualitative study on the perspectives of physiotherapists](#). *Physiother Can*. 2025 Aug;77(3):296-297. doi:10.3138/ptc-2023-0070.

Yan Y, Eng JJ, Hung SH, Bayley MT, Best KL, Connell LA, **Donkers SJ**, Dukelow SP, Ezeugwu VE, Milot MH, Sakakibara BM, Sheehy L, Wong H, Yao J, Peters S. [Aerobic minutes and step number remain low in inpatient stroke rehabilitation](#). *PLoS One*. 2025 Jul;20(7):e0328930. doi:10.1371/journal.pone.0328930.

Walker LAS, Finlayson M, Cameron J, **Donkers SJ**, Knox K, Mayo N, Ploughman M, Canlas K, Jacksch M, Liu S, Pilutti L. [A conceptual approach to comprehensive interdisciplinary cognitive rehabilitation: a description using the TIDieR-Rehab framework](#). *Mult Scler Relat Disord*. 2025 Dec;104(106783). doi:10.1016/j.msard.2025.106783.

Knox KB, Islam A, Le T, **Donkers SJ**, Evans C, Lim HJ. [Physical activity in multiple sclerosis: real-world data from Saskatchewan, Canada](#). *Int J MS Care*. 2025 Feb;27(Q1):42-49. doi:10.7224/1537-2073.2024-006.

Nagra G, Ezeugwu VE, Bostick GP, Branton E, Dennett L, Drake K, Durand-Moreau Q, Guptill C, Hall M, Ho C, **Hung P**, Khan A, Lam GY, Nowrouzi-Kia B, Gross DP. [Return-to-work for people living with long COVID: A scoping review of interventions and recommendations](#). *PLoS One*. 2025 Oct 15;20(10):e0321891. doi: 10.1371/journal.pone.0321891. PMID: 41091675

Musselman KE, **Jervis-Rademeyer H**, Nezon E. [Functional electrical stimulation as a tool to restore motor control after spinal cord injury: translation to clinical practice](#). *Expert Rev Med Devices*. 2025 Jun 10:1-12. doi:10.1371/journal.pone.0316296.

Jervis-Rademeyer H, Gautam S, Cornell S, Khan J, Wilanowski D, Musselman KE, Noonan VK, Wolfe DL, Baldini R, Kennedy S, Ho C. [Development of a functional electrical stimulation cycling toolkit for spinal cord injury rehabilitation in acute care hospitals: a participatory action approach](#). *PLoS One*. 2025 Feb 10;20(2):e0316296. doi:10.1371/journal.pone.0316296.

Jervis-Rademeyer H, Dolbow D, Goetz LL, Gorgey AS. [Exoskeletal-assisted rehabilitation after spinal cord injury](#). In: *Atlas of Orthoses and Assistive Devices*. Elsevier; 2026 Jan 1. p.479-488. doi:10.1016/B978-0-443-12108-1.00054-6.

Benn NL, **Jervis-Rademeyer H**, Souza WH, Pakosh M, Inness EL, Musselman KE. [Balance interventions to improve upright balance control and balance confidence in people with motor-incomplete spinal cord injury or disease: a systematic review and meta-analysis](#). *Arch Phys Med Rehabil*. 2025 Mar 1;106(3):444-458. doi:10.1016/j.apmr.2024.07.013.

Publications Continued

Kim SY, Lovo S, Sachdeva R. Breast cancer patients and survivors: perceived safety and understanding about the COVID-19 vaccine and impact of the pandemic on treatment and follow-up. Discover Public Health. 2025 Mar 13;22(1):95. doi:10.1186/s12982-025-00479-9.

Lang AE, **Kim SY.** Comparing shoulder muscle activity in symptomatic and asymptomatic groups: the influence of normalization technique. Int Biomech. 2025 Dec 31;12(1):18-27. doi:10.1080/23335432.2025.2537403.

Pointer J, Lang AE, Balogh D, Osgood ND, **Kim SY.** Distinguishing threshold shoulder range of motion measures collected by a breast cancer smartphone application: assessment in healthy adults. Digit Health. 2025 Mar;11:20552076251325954. doi:10.1177/20552076251325954.

Lovo S, Sawatsky R, Amjad K, Ahmad K, Imea B, Bowes B, McKinney V, Sewap S, Dorion R, Bath B. A remote First Nation community-informed virtual care approach to chronic back pain management: a mixed methods study. Int J Circumpolar Health. 2025 Nov;84(1):2574110. doi:10.1080/22423982.2025.2574110.

Irvine A, **Lovo S, Crockett K, Proctor P,** Weimer M, Pachal B, **Bath B.** Community engagement integral to reimagining rural and remote physiotherapy in Saskatchewan: findings from a World Café multi-stakeholder event. Physiother Can. 2025 May;77(2):254-260. doi:10.3138/ptc-2023-0025.

Khan A, Adams S, Burbridge B, **Lovo S,** Deason J, Mendez I. Enhancing ultrasound access in rural Saskatchewan: a mixed-methods study of telerobotic technology. J Diagn Med Sonogr. 2025;0(0):1-9. doi:10.1177/87564793251326870.

Deason JP, Adams SJ, Rahman A, **Lovo S,** Mendez I. A technology selection tool applying multiple criteria decision analysis for virtual care implementation. Mayo Clinic Proceedings. 2025 Sep 3:100260. doi:10.1016/j.mcpdig.2025.100260.

Veras M, Sigouin J, Auger LP, Auger C, Ahmed S, Boychuck Z, Cavallo S, Lévesque M, **Lovo S,** Miller WC, Nelson M, Norouzi-Gheidari N, O'Nei J, Perreault K, Urbanowski R, Sheehy L, Singh H, Vincent C, Wang W, Zidarov D, Hudon A, Kairy D. A rapid review of ethical and equity dimensions in telerehabilitation for physiotherapy and occupational therapy. International Journal of Environmental Research and Public Health. 2025 Jul 9;22(7):1091. doi:10.3390/ijerph22071091.

Durr SM, Alras A, **Lovo S,** Dani H, McIntyre L, Zarzeczny A, Babyn P, Adams SJ, Mendez I. Virtual care delivery in Saskatchewan: multi-stakeholder perspectives on implementation, appropriateness, and evaluation. Healthcare Management Forum. 2025 Apr 26:08404704251348858. doi:10.1177/08404704251348858.

Veras M, Sigouin J, Auger C, Auger LP, Ahmed S, Boychuck Z, Cavallo S, Lévesque M, **Lovo S,** Miller WC, Nelson M. Equity and ethics in telerehabilitation: toward personalized approaches in physiotherapy and occupational therapy. Preprints. 2025 Jan. doi:10.20944/preprints202501.1100.v1.

Khan A, Adams SJ, Burbridge B, **Lovo S,** Deason JP, Mendez I. Enhancing ultrasound access in rural Saskatchewan: a mixed-methods study of telerobotic technology. Journal of Diagnostic Medical Sonography. 2025;0(0):1-9. doi:10.1177/87564793251326870.

Oyedokun S, **Lovo S,** Stempien J. (2025). Editorial: Bridging the Emergency Department Care Gap for Indigenous Women. Canadian Journal of Emergency Medicine. 27:676-677.

Dunn H, La-Fontaine C, Sewap S, Swidrovich J, Camden C, **Lovo S.** (2025). Family, Culture, Community: A Northern First Nations Community-Directed Needs Assessment for Pediatric Rehabilitation Care. Journal of Circumpolar Health. 84(1):2531656. doi:10.1080/22423982.2025.2531656. Epub 2025 Jul 30. PMID: 40737130; PMCID: PMC12312198.

Publications Continued

Maiani M, Lahey N, Bardhi M, Floer Garrido J, Hilderley A, Carlson HL, et al. Visuo-perceptual Abilities in Children With Perinatal Arterial Ischemic Stroke and Associated White Matter Microstructure. *J Child Neurol*. 2025 Nov 27;08830738251394438. doi:10.1177/08830738251394438

Singh A, Nawayseh N, Doyon-Poulin P, **Milosavljevic S**, Dewangan K, Kumar Y, Samuel S. Comparative analysis of classical and ensemble models for predicting whole body vibration induced lumbar spine stress: a case study of agricultural tractor operators. *Int J Ind Ergon*. 2025;198:103775. doi:10.1016/j.ergon.2025.103775.

Buhler M, Shah T, Perry M, Tennant M, Kruger E, **Milosavljevic S**. Spatial equity of physiotherapy accessibility in Aotearoa New Zealand in relation to Māori and Pacific ethnicity, socioeconomic deprivation, and rurality. *Health Policy*. 2025;163:1-11. doi:10.1016/j.healthpol.2025.105498.

Okpalauwaekwe U, Burnett WD, **Milosavljevic S**. Insights into effective rest breaks for reducing cognitive and musculoskeletal strain in farm machinery operators: a qualitative reflexive analysis. *Ann Med*. 2025;57(1):1-11. doi:10.1080/07853890.2025.2582067.

Singh A, Nawayseh N, Doyon-Poulin P, **Milosavljevic S**, Rakheja S, Kumar Y, Dewangan KN, Trask C, Samuel S. Multi-model machine learning for predicting tractor operator discomfort caused by whole-body vibration. *Comput Electron Agric*. 2025 Dec;243:111375. doi:10.1016/j.compag.2025.111375.

Mofina A., Meehan B., James M.L., & Berg K. The Use of interRAI Scales Across Healthcare Settings: Building a Bridge Between Evidence and Practice. *Healthcare Management Forum*. Epub ahead of print. epub: Nov 2025; print pub: Mar 2026. doi:10.1177/08404704251385067

Gordon C, **Paslawski T**, Bandara T, Floer S, Shah T. A quantitative exploration of the relationship between healthcare accessibility and mass media in Nigeria using the Levesque framework of healthcare access. *Vaccines*. 2025 Sep 18;13(9):981. doi:10.3390/vaccines13090981.

Smith K, Whittingham L, Tarzi G, Lunskey Y, ECHO-AIDD for Students Hub Team. All teach, all learn: transdisciplinary health professional education on care for persons with intellectual/developmental disabilities. *Advances in Health Sciences Education*. 2025 Aug 27:1-20.

Love S, **Wilson C**, Donald M, Low T, Lindland K, Mulloor L, Dukelow SP, Rose ML. Care partner perspectives on an intensive aphasia intervention paired with noninvasive brain stimulation: a qualitative study. *Disability and Rehabilitation*. 2026;1-15. doi:10.1080/09638288.2025.2603842

Carollo JJ, Henley J, Krzak J, **Zucker-Levin A**, Long J, Öunpuu S, Pierce W, Pierz K, Schwabe AL, Stout JL, Whitaker AT. Corrigendum to “The Commission for Motion Laboratory Accreditation (CMLA): History, process, and peer-review to assure excellence in clinical motion analysis”. *Gait Posture* 121 (2025) 258-265. *Gait Posture*. 2025 Oct;122:120-122. doi:10.1016/j.gaitpost.2025.07.313.

MacKay C, Zidarov D, Chan B, Dilkas S, Hitzig SL, Marinho-Buzelli AR, Mayo AL, Payne MW, Schneeberg A, Totosty de Zepetnek JO, Wolfe D, Zariffa J, **Zucker-Levin A**, Jaglal S, Pousett B, Underwood H, Miller WC. A behaviour change intervention promoting physical activity following dysvascular amputation: protocol for a pilot study. *PLoS One*. 2025 Jul 10;20(7):e0326761. doi:10.1371/journal.pone.0326761.

Hitzig SL, Zidarov D, MacKay C, Dilkas S, Alshehri F, Russell R, Rios J, O'Connell C, Hebert JS, Underwood HA, King S, **Zucker-Levin A**, Habra N, Andrysek J, Viana R, Payne MW, Hunter SW, Dudek NL, Best KL, Mercier C, Noonan VK, Katz J, Pousett BM, Walker J, Miller WC, Mayo AL. An environmental scan of limb loss rehabilitation centers across Canada. *Prosthet Orthot Int*. 2025 Apr;49(2):248-255. doi:10.1371/journal.pone.0326761.

Meekins MM, **Zucker-Levin A**, Harris-Hayes M, Singhal K, Huffman K, Kasser R. The effect of chronic low back pain and lumbopelvic stabilization instructions on gluteus medius activation during sidelying hip movements. *Physiotherapy Theory Pract*. 2025 Mar;41(3):563-570. doi: 10.1080/09593985.2024.2357130. Epub 2024 May 27. PMID: 38801071.

Make a gift to the School of Rehabilitation Science

Supporting the School of Rehabilitation Science helps foster a strong and supportive environment for learning, teaching, research and mentorship in rehabilitation and health-related fields.

Financial contributions support a wide range of initiatives that enhance the student experience, including scholarships and bursaries, lab and teaching equipment, learning resources, enhanced spaces, and student travel.

Current priorities focus on expanding financial support for students as the School of Rehabilitation Science grows its program offerings to include Master of Occupational Therapy and Master of Speech-Language Pathology programs alongside the Master of Physical Therapy program.

HOW TO DONATE:
[CLICK HERE TO LEARN MORE](#)

Follow Us



<https://www.instagram.com/usasksrs/>



<https://www.facebook.com/usaskSRS/>

Main Office

School of Rehabilitation Science
University of Saskatchewan
Health Sciences Building, E-Wing
Suite 3400, 3rd Floor
104 Clinic Place
Saskatoon, SK S7N 2Z4

srs@usask.ca

306-966-6579

