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#### a. Degrees

Start Date	End Date	Organization	Diploma	Domain (discipline)
2019/01/01	2020/12/31	Université Laval	Postdoctoral fellowship	Epidemiology and biostatistics
2012/09/01	2018/10/01	McGill University	Doctorate, Doctor of Philosophy	Nursing Science
2006/09/01	2009/04/30	University of Toronto	Master's Equivalent, Post-Master's Acute Care Nurse Practitioner	Trauma/Injuries
1999/09/01	2001/06/30	Université de Montréal	Master's Thesis, Master of Science	Nursing
1996/09/01	1999/05/01	Université de Montréal	Bachelor's, Bachelor of Science	Nursing

#### Professional development

2012/4 Traineeship in Trauma Advanced Nursing practice. Shock Trauma Centre, Baltimore, USA

2012/1-2012/2 Traineeship in Trauma Advanced Nursing Practice. Vancouver General Hospital, Canada

#### Credentials

2009/9 Adult Nurse Practitioner, Canadian Nurses Association

2004/1 - 2019/12 Certified Nurse - Critical Care, Canadian Nurses Association

1996/9 Registered Nurse, Order of Nurses of Quebec

#### b. Affiliations and employment

Start Date	End Date	Organization and Department	Position
Affiliation - The primary affiliation is denoted by (*)			
2024/01/31	-	Consortium on Treatment Effectiveness and Safety, Quebec Pain Research Network	Co-Director
2025/04/01	-	Interdisciplinary Trauma Network of the Trauma Association of Canada	Immediate Past President
2023/04/01	2025/04/01	Interdisciplinary Trauma Network of the Trauma Association of Canada	President
2019/03/31	-	*Population Health and Optimal Health Practices Research Unit (Trauma-	Regular Researcher

		Emergency-Critical Care Medicine), CHU de Québec- Université Laval Research Centre	
<b>Employment (academic)</b>			
2022/06/01	-	Faculty of Nursing, Université Laval	Associate Professor
2019/01/07	2022/05/31	Faculty of Nursing, Université Laval	Assistant Professor
2018/09/01	2018/12/31	School of Nursing, McGill University	Lecturer
2004/09/01	2011/05/31	Faculty of Nursing, Université de Montréal	Lecturer
2004/09/01	2016/06/01	Faculty of Nursing, Université de Montréal	Clinical Supervisor - Graduate and undergraduate students
2004/09/01	2006/12/31	Faculty of Medicine, School of Nursing, McGill University	McGill appointment (Clinical supervisor for graduate students)
<b>Employment (clinical)</b>			
2016/06/01	2018/12/31	Hôpital du Sacré-Coeur de Montréal	Trauma Program Manager
2011/11/01	2018/12/31	Hôpital du Sacré-Coeur de Montréal	Research Coordinator in Nursing
2011/11 /01	2016/05/31	Orthopaedics and Traumatology, Hôpital du Sacré-Coeur de Montréal	Nurse Practitioner
2005/10/01	2011/10/31	Critical Care and Traumatology, Hôpital du Sacré-Coeur de Montréal	Clinical Nurse Specialist
2001/01/01	2005/09/30	Intensive Care Unit, Sir Mortimer B. Davis Jewish General Hospital	Clinical Nurse Specialist
1997/05/01	2000/12/31	Traumatology and Intensive Care Unit, Hôpital du Sacré-Coeur de Montréal	Staff nurse

**c. Research Funding History – last 5 years**

(Total funding as Principal Investigator: 3.5 million CAD; Co-Investigator: 40.7 million CAD)

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
2025/05	2031/04	Government of Canada - Canada Research Chair (Tier 2)	Yes	Learning Health Care Systems and Services to Vulnerable Populations	Principal applicant	600 000 CAD

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
2025/05	2031/04	Canada Foundation for Innovation – John-R.-Evans leaders funds	Yes	Infrastructure	Principal applicant	350 000 CAD
2026/03	2029/12	CIHR - Project Grant	Yes	Reducing low-value inter-hospital trauma transfers in Canada that are informed by evidence, knowledge-to-practice gaps, and interest holders' needs and preferences	Co-principal applicant	890 000 CAD
2026/03	2029/03	CIHR - Project Grant	Yes	Improving guideline adherence in pediatric injury care: co-design of a system-coordinated implementation intervention and evaluation of its feasibility, acceptability, and economic potential	Co-applicant	790 000 CAD
2026/03	2029/03	CIHR - Project Grant	Yes	REDIRECT-IA: derivation and validation of machine learning models and identification of conditions conducive to emergency reorientation	Co-applicant	610 000 CAD
2026/03	2030/03	CIHR - Project Grant	Yes	Multicentre development and validation of an artificial intelligence-assisted triage tool for the early identification of severe trauma in elderly patients	Co-applicant	710 000 CAD
2026/03	2030/03	CIHR - Project Grant	Yes	Prospective multicenter validation of the	Co-applicant	610 000 CAD

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
				Fresno-Quebec rule performance in ruling out a concomitant fracture in patients with anterior shoulder dislocation: DISLOC Study		
2025/03	2029/04	Canadian Institutes of Health Research (CIHR) - Project Grant	No	Selection of Palliative Care Strategies to Improve Pain Management in Frail Older Patients with Hip Fracture by Combining the Evidence and Interested Parties Perspectives	Principal investigator	CAD 560 000 CAD
2025/03	2027/04	CIHR- Project Grant	No	Preliminary Testing of a Sustainable Behavioral Intervention to Optimize Opioid Use Following Traumatic Injuries	Principal investigator	280 000 CAD
2025/03	2031/04	Government of Canada - New Frontiers in Research Fund - Transformation	No	RE-MOVE: Restoring Movement, Removing Barriers to Optimize the Use of Neuromodulation Technologies	Co-investigator	24 000 000 CAD
2025/03	2028/04	CIHR - Project Grant	No	Optimizing Patient-Centered Outcomes Using Opioid Minimization Strategies (OPUS) Pilot Trial	Co-investigator	380 000 CAD
2025/03	2026/03	Quebec Pain Research Network	No	Perceptions of people living with chronic pain regarding deprescribing approaches	Co-investigator	15 000 CAD
2025/01	2027/01	<i>Réseau québécois de recherche en</i>	No	Description of the interested parties' perspective for	Principal investigator	25 000 CAD

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
		<i>soins palliatifs et de fin de vie (RQSPAL)</i>		optimizing pain relief in frail older adults with hip fracture receiving palliative and end-of-life care		
2024/08	2025/08	Quebec Pain Research Network - Pilot project	No	Interventions to improve pain management in older patients receiving palliative care: A scoping review	Principal investigator	15 000 CAD
2024/11	2025/10	<i>Fondation du CHU de Québec- Université Laval</i>	No	Establishment of a consensual definition of avoidable emergency room visits using the Delphi method and analysis of the situation at the CHU de Québec	Co-investigator	20 000 CAD
2024/07	2025/06	<i>Réseau québécois de recherche/ vieillissement - Pilot Project</i>	No	Elderly care pathway and alternatives to emergency: preferences, acceptability and patient decision-making needs, a pilot study using mixed methods	Co-investigator	30 000 CAD
2024/05	2028/04	FRQS and SPOR-Quebec - Research Career Award (Junior 2)	No	Sustainable interventions for optimizing opioid use and mental health in patients with traumatic injuries by combining evidence and interested parties' perspective	Principal investigator	335 000 CAD
2024/05	2027/04	<i>CIUSSS Centre-Sud-de-Montréal et Institut Universitaire des Jeunes en Difficultés - Operation Grant</i>	No	Evaluation of a targeted deterrence program in Montreal	Co-investigator	300 000 CAD

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
2024/04	2028/03	CIHR - Project Grant	No	Improving mental health practices in patients recovering from traumatic injuries: Identifying priorities based on knowledge to practice gaps and interested parties' needs and preferences	Principal investigator	560 000 CAD
2024/03	2029/02	CIHR-Project grant	No	BRAINapt TBI International Adaptive Platform Trial	Co-investigator	6 400 000 CAD
2024/01	2032/12	FRQS Thematic Network	No	Quebec Pain Research Network (Co-Director of the Consortium on Treatment Effectiveness and Safety)	Co-Investigator	7 200 000 CAD
2024/01	2025/02	Quebec Pain Research Network - Structuring project	No	Practice survey on gabapentinoids deprescription approaches	Co-investigator	10 000 CAD
2023/11	2024/11	CIHR - Catalyst Grant: SPOR Innovative Clinical Trials (iCT)	No	Expanding the Patient-Oriented Research Capacity of the Canadian Emergency Department Rapid Response Network to Enable Patient-Centered Adaptive Platform Trials and Ensure Health Crisis Preparedness	Co-investigator	199 935 CAD
2023/08	2024/08	Quebec Network on Nursing Intervention Research - Innovative and Structuring Project	No	On the road to proposing innovative solutions to improve the mental health of trauma patients: A systematic review of practice guides	Principal investigator	50 000 CAD

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
2023/08	2024/07	CIHR - Project Grant (bridge)	No	BRAINapt TBI Adaptive Platform Trial	Co-investigator	100 000 CAD
2023/03	2027/04	CIHR - Project grant	No	Reducing low-value practices in acute trauma care: a pragmatic cluster randomized controlled trial	Co-Principal investigator	608 176 CAD
2023/04	2027/04	CIHR - Project Grant	No	Validation and refinement of the QueBIC tool for patients with complex mild Traumatic brain injury	Co-investigator	590 000 CAD
2023/02	2024/03	Quebec Population Health Research Network - Mental Health Structuring Initiative	No	Mental health after traumatic injury: An exploration of current approaches by health professionals and opportunities for improvement	Principal investigator	15 000 CAD
2022/11	2023/05	Université Laval- Research program support	No	Portrait of resources to optimize the mental health of trauma patients	Principal investigator	7 500 CAD
2022/07	2024/07	CIHR - Strategy for Patient Oriented Research	No	Intraoperative pharmacologic opioid minimization strategies and patient-centered outcomes after surgery: a scoping review	Co-investigator	100 000 CAD
2022/05	2023/04	Université Laval - Research program support	No	Considerations in the Decision-Making Process and Provision of Palliative Care Following a Hip Fracture in the Terminally Ill Older Adults: A Scoping Review	Principal investigator	15 000 CAD

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
2021/11	2023/04	Quebec Pain Research Network	No	Success in pain management: Identifying pivotal moments and the support needed to make them happen	Principal investigator	20 000 CAD
2021/09	2022/09	Quebec Pain Research Network - Initiative on judicious use of opioids	No	Concomitant chronic pain disorders and opioid use: Perspectives to support research and clinical management	Co-investigator	15 000 CAD
2021/07	2022/03	Université Laval- Programme de soutien à la recherche	No	Patient's educational needs on pain during their care trajectories: a mixed-methods systematic review	Principal investigator	15 000 CAD
2021/04	2026/03	CIHR - Project Grant	No	Development of interdisciplinary strategies to prevent chronic opioid use in adult trauma patients	Principal investigator	375 000 CAD
2021/02	2025/01	CIHR - Project Grant	No	Improving the quality of Canadian pediatric injury care: identify priorities based on evidence, practice variations and stakeholder needs and preferences	Co-investigator	608 176 CAD
2020/12	2021/05	Université Laval - Programme de soutien à la recherche	No	Development of a clinical decision tool for the efficient deployment of interdisciplinary resources specialized in geriatric trauma	Principal investigator	15 000 CAD
2020/12	2022/03	Quebec Pain Research Network	No	Judicious use of opioids in geriatric trauma through the adaptation and implementation of clinical practice guidelines for	Principal investigator	10 000 CAD

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
				optimal pain management		
2020/06	2024/05	FRQS – Early Career Investigator Settlement Fund.	No	Development of interdisciplinary strategies to prevent chronic opioid use in adult trauma patients in Quebec	Principal investigator	97 000 CAD
2020/05	2024/05	FRQS and SPOR-Quebec - Research Career Award (Junior 1)	No	Selection of interdisciplinary strategies to prevent chronic opioid use in adult trauma patients	Principal investigator	356 000 CAD
2020/05	2022/05	Fondation CHU de Québec - Université Laval - Start-up Fund	No	Improving the judicious use of opioids in geriatric trauma patients through the adaptation of guidelines on optimal pain management	Principal investigator	75 000 CAD
2020/05	2022/05	Quebec Pain Research Network - Initiative on analgesics side effects	No	Description of pain management strategies and side effects of analgesics in the trauma care trajectory	Principal investigator	25 750 CAD
2020/05	2021/04	Quebec Pain Research Network – Early Career Investigator Fund	No	Development of interdisciplinary strategies to prevent chronic opioid use in adult trauma patients: a mixed-methods pilot study	Principal investigator	25 000 CAD
2020/04	2021/04	Quebec Pain Research Network - Opioids initiative	No	Development and initial validation of measures of cancer pain undertreatment	Co-investigator	15 000 CAD
2020/01	2024/04	CIHR - Project Grant	No	Managing Pain in Collaboration in the Intensive Care Unit (MPIC-ICU): Impact on clinical practices and patient outcomes	Co-investigator	684 674 CAD

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
2020/01	2021/02	Quebec Network on Nursing Research - Strategic and integrative project	No	Managing Pain in Collaboration in the Intensive Care Unit (MPIC-ICU): Impact on Clinical Practices and on Patient Outcomes	Co-investigator	90 000 CAD
2019/07	2020/06	Quebec Pain Research Network - Initiative on opioids	No	Cross-cultural adaptation of French-Canadian version of opioid-related self-report and clinician-administered instruments	Co-investigator	13 000 CAD
2019/04	2021/04	CIHR - Postdoctoral fellowship	No	Identification of the determinants and evaluation of the impact of low-value injury care on mortality, morbidity and costs	Principal applicant	120 000 CAD
2019/04	2020/05	Quebec Pain Research Network - New investigator award	No	Scoping review on strategies aimed at preventing chronic opioid use in trauma	Principal investigator	20 000 CAD
2019/01	2021/04	Fonds de recherche du Québec - Santé (FRQS) - Post-Doctoral Fellowship	No	Identification of the determinants and evaluation of the impact of low-value injury care on mortality, morbidity and costs	Principal investigator	90 000 CAD
2019/01	2020/04	Université Laval- Start-Up Fund	No	Strategies aimed at preventing chronic opioid use in trauma and acute care surgery: a scoping review.	Principal investigator	15 000 CAD
2018/05	2021/04	FRSQ - Consortium pour le développement de la recherche en trauma	No	Implementation of best pain management practices in the trauma intensive care unit:	Knowledge user	202 628 CAD

Start Date	End Date	Funds	Is this funding currently being requested ? (yes/no)	Title of the Project	Candidate's Role	Amount
				a team work		
2018/03	2019/04	Trauma Association of Canada - Operating grant	No	The tapering opioids prescription program for trauma patients at high risk of chronic use (TOPP-Trauma): A pilot randomized controlled trial	Principal investigator	10 000 CAD
2017/09	2022/09	CIHR	No	Targeting sleep to optimize brain recovery and slow degeneration	Knowledge user	1 200 000 CAD
2017/05	2020/04	FRSQ - <i>Consortium pour le développement de la recherche en trauma</i>	No	Importance of the acute rehabilitation phase in the functional recovery after a traumatic SCI	Knowledge user	187 325 CAD
2016/07	2022/06	CIHR - Foundation grant	No	Canadian Program for Monitoring Overuse in Injury Care	Co-investigator	800 247 CAD

## 2) Most significant contributions

### 1-Development and evaluation of high-value interventions in the field of substance use disorders

During the first four years of my research career, I developed a program to identify interdisciplinary strategies for preventing harmful and long-term opioid use in trauma patients, a problem affecting 20% of this population. As the prevention of opioid misuse following traumatic injury is an emerging field, I conducted a broad scoping review (66 studies and 20 guidelines) to identify the most promising strategies for clinical practice. Interest holders were then consulted through a practice survey and a consensus study to determine strategies that should be prioritized. Findings highlighted the need for interventions both to optimize patient behavior regarding opioid use and to strengthen mental health practices among health professionals.

This work was published in leading journals in trauma and pain research, including *BMC Musculoskeletal Disorders* and the *Canadian Journal of Anesthesiology and Pain Medicine*. My research on optimal opioid use also enabled me to build networks with renowned researchers and organizations at the national level (e.g., the Canadian Centre on Substance Use and Addiction, Choosing Wisely Canada) and international level (e.g., the Opioid Prescribing Engagement Network at the University of Michigan). As part of this program, I supervised five graduate students (three master's and two doctoral). Their work documented opioid use and alternative pain management strategies in trauma subpopulations (orthopaedics, neurotrauma, older patients), ensuring that diverse needs are considered in future interventions. One doctoral student is developing a behavioral intervention to prevent opioid misuse, while another is conducting a preliminary economic evaluation of it.

### 2-Development and evaluation of high-value interventions in the field of mental health

Informed by the results of my previous research on opioids and the burden of mental disorders in trauma patients, I initiated new research to improve mental health practices in trauma care. Studies have shown that healthcare professionals working in trauma settings, particularly those without specialized training in psychology, often feel unprepared to address patients' mental health needs. A growing body of research, along with several recognized associations, has identified mental health as a priority for improvement in trauma care. Within a year, I secured \$650,000 in funding from the CIHR and two FRQS research networks to optimize trauma-related mental healthcare. This pan-Canadian and international project recently led to the publication of a systematic review of clinical practice guideline recommendations for mental health in trauma in *JAMA Surgery*, the world's top-ranked trauma journal (impact factor 16).

- Bérubé, M., et al. (2025). Clinical practice guideline recommendations to improve the mental health of adult trauma patients: A systematic review. *JAMA Surgery*. doi:10.1001/jamasurg.2025.2226

This synthesis of 25 high-quality guidelines provides healthcare professionals and decision-makers with actionable recommendations for clinical implementation. It also highlights important knowledge gaps where further research is needed, particularly in clinician training, patient- and family-centered care, and healthcare equity.

### 3-Optimization of practices for the aging population

While trauma has traditionally affected mainly young adults, half of the patients sustaining traumatic injuries in Canada today are over 65 years of age. This aging population trend is also observed in several other high-income countries. In response to this shift, and in collaboration with the Trauma Association of Canada, I led a nationwide practice survey to assess the level of implementation of best practices for older patients in trauma centres. The results revealed that guideline recommendations for geriatric trauma management had not been widely adopted, and that multicenter prospective studies were needed to develop and evaluate knowledge translation initiatives to support their implementation. These findings were published in *Age & Ageing*, ranked #3 in the Geriatrics and Gerontology subject category:

- Bérubé, M., et al. (2020). Implementation of the best practice guidelines on geriatric trauma care: a Canadian perspective. *Age & Ageing*, 49, 227–232.

Building on these results and responding to growing global concern among trauma teams regarding the care of frail older patients with hip fractures, I initiated a research project aimed at optimizing palliative care for patients receiving conservative treatment. The first phase of this project involved a scoping review, also published in *Age & Ageing*, which identified strategies to improve end-of-life decision-making and palliative care for frail older adults with hip fractures. The review highlighted a lack of research and recommendations on pain management for this population and emphasized the importance of facilitating shared decision-making between healthcare teams, patients (when possible), and their families regarding the choice between surgery and conservative treatment combined with palliative care:

- Tremblay, A., ...Bérubé, M. (2023). *Strategies to improve end-of-life decision making and palliative care following hip fracture in frail older adults: a scoping review*. *Age & Ageing*, 2: afae134.

In parallel, I participated in a study comparing the profiles of frail hip fracture patients who received palliative care instead of surgery with a matched cohort who underwent surgery. Published in *BMC Musculoskeletal Disorders*, the study showed that frail older patients who underwent surgery experienced more serious complications than those who did not, while having a comparable survival time. I also supervised a cohort study on pain management in hip fracture patients receiving palliative care, which demonstrated that up to 70% of these patients experience pain during mobilization for basic care, and that many strategies could be optimized. This study was published in the *Journal of Pain and Symptom Management*. These findings have led to the mobilization of an international research team for a new study recently funded by the CIHR. The team includes members of the Frail Study Group in the Netherlands and decision-makers from globally recognized organizations such as the Fragility Fracture Network and the Orthopedic Trauma Association. This upcoming study aims to improve pain management for hip fracture patients receiving palliative care, thereby enhancing their quality of life and supporting shared decision-making in clinical settings. regarding surgical versus conservative treatment.

#### 4-Identification of needs and preferences of patients regarding pain education and treatments

Educational interventions are commonly used to help patients manage pain and reduce reliance on opioids. However, their impact has remained limited. One reason identified is that these interventions are often not grounded in an initial assessment of patients' needs and preferences. To address this gap, I conducted mixed-methods systematic reviews, integrating both quantitative and qualitative studies to gain a deeper understanding of patient perspectives. The first review, focused on acute pain, was published in *Pain*, a leading international journal in medicine and pain research:

- Bérubé, M., et al. (2024). Educational needs and preferences of adult patients with acute pain: a mixed-methods systematic review. *Pain*, 165: e162–e183.

The second review, examining needs and preferences in the context of chronic pain, was presented at the World Congress on Pain in Amsterdam (2024). The manuscript is currently being prepared for submission to *Pain*, in collaboration with the Australian research group EQUIpping the general Public to prevent and overcome chronic Pain. In response to the limited effectiveness of current pain treatments, I also led a study aimed at identifying factors that enable individuals to live well with chronic pain. Published in *The Journal of Pain*, the study emphasized the importance of enriching the social environment of affected individuals and offered a new perspective on the treatment of this widespread condition. These findings informed the strategic planning (2025–2026) of the Quebec Pain Research Network's Consortium on Treatment Effectiveness and Safety.

#### 5-Quality improvement and knowledge mobilization in trauma care

I have served as Principal Investigator in projects aimed at reducing low-value practices in trauma centres. These initiatives led to the identification and validation of indicators for assessing such practices within trauma systems. The findings were published in two articles in *JAMA Surgery*. In collaboration with a national authority responsible for evaluating quality of care and accreditation in trauma centres, I subsequently initiated a pragmatic cluster trial to support the de-implementation of previously identified practices through a multifaceted intervention. The process associated with the development of this intervention was recently published:

- Bérubé, M., et al. (2025). Development and usability testing of a multifaceted intervention to reduce low-value injury care. *BMC Health Services Research*, 25:37.

I have also been invited to contribute her expertise in trauma care to the development of several standards used to evaluate clinical quality of care. These include: a) Health Standards Organization – Canada (2024). Integrated People – Centred Spinal Cord Injury Rehabilitation Program, b) Institut National d'Excellence en santé et en services sociaux (INESSS) and Ontario Neurotrauma Foundations (2016, 2025). Canadian Clinical Practice Guideline for the Rehabilitation of Adults with Moderate Severe TBI.

In addition, I participated in the revision of national trauma quality indicators and served as an external expert for several INESSS reports and quality improvement tools, including: a) Traumatic and Non-Traumatic Spinal Cord Injury: A Comparative Analysis of the Characteristics and Organization of Rehabilitation Care and Services in Quebec, b) A Support Tool for Implementing Best Practices from the Action Plan for Knowledge Translation in Trauma.

### 3) Research contributions

#### a. Published refereed publications

Published manuscripts (supervised graduate students are underlined)-Last five years:

1. Moore, L., Yanchar, N.Y., Beno, S., Beaudin, M., **Bérubé, M.**, Tardif, P-A., et Freire, G. (2026). Validation of Quality Indicators for Pediatric Trauma. *Annals of Surgery*. 283:24-31. *Co-investigator. Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (5%).*
2. **Bérubé, M.**, Lapierre, A., Panenka, W., O'Donnell, M., Bradely, N., Moore, L., Bourque, L., Thebault, M., Archambault, P., Archambault, L., Turgeon, A., Macedo, T., Haagsma, J., Rao, J., Garraway, N., Menear, M., Perreault, M., Gagnon, M-A., Vasiliadis, H.M., Genest, C., Provencher, H., Stelfox, H.T. (2025). Clinical practice guideline recommendations to improve the mental health of adult trauma patients: A systematic review. *JAMA Surgery*. doi:10.1001/jamasurg2025.2226. *Principal Investigator: Concept and design of the study; acquisition, analysis and interpretation of data; writing and critical revision of the manuscript (80%).*
3. Sacchetti, A., Bellier, A., Pison, C., **Bérubé, M.** (2025). The potential of advanced practice nurses for frail patients receiving home care in rural France: a qualitative study. *European Journal of General Practice*. 31:2574872. *Supervisor: Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (30%).*
4. McGennis, M-E., Gagnon, M-A., Paquet, J., Turgeon, A., Macedo, T., Côté, C., Mwanack, M., Verret, M., Moore, L., Ricard-Denis, A., Guénette, L., Archambault, L., Duval, C., **Bérubé, M.** Pain Management Strategies and Adverse Effects of Opioids in Neurotrauma Patients with Acute and Chronic Pain. *Neurotrauma Reports*. 6: 686-697. *Supervisor: Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (30%).*
5. Lapierre, A., **Bérubé, M.**, Turcotte, V., Giroux, M., Severino, F., Boisvert, L., Williamson, D., Mercier, E., Richard-Denis, A., Moore, L. (2025). Perceived use, effectiveness and barriers of interprofessional interventions in an integrated Canadian trauma system: A practice survey. *Journal of Interprofessional Education & Practice*. 41: 100763. *Co-Supervisor: Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (30%).*
6. Lapierre A., Awlise C., Freire G, Yanchar NL, Zemek R, Beaudin M, Stang A, Weiss MJ, Carsen S, Gagnon I, Burstein B, **Bérubé M.**, Stelfox HT, Beno S, Labrosse E, Berthelot S, Klassen T, Haas B, Tillmann B W, Priestap F, Merritt N, Moore L. (2025). *Canadian Medical Association Journal*. 197: E1472-E-1478. *Co-investigator. Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (5%).*
7. Gnanvi J, Yanchar N, Freire G, Beaulieu E, Université Laval, Tardif P-A, **Bérubé M.**, Macpherson A, Pike I, Zemek R, Gagnon I, Carsen S, Gabbe JB, Soualio G, Duval C, Moore L. (2025). Social Determinants of Health and Disparities in Pediatric Trauma Care: A Systematic Review and Meta-Analysis. *Academic Pediatrics*. <https://doi.org/10.1016/j.acap.2025.103185>. *Co-investigator. Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (5%).*
8. Giroux, M., Sirois, M-J., Émond, M., **Bérubé, M.**, Morin, M., Moore, L. (2024). Identifying a set of quality indicators for older adults hospitalized after injury: an expert consensus study. *Journal of American Geriatric Society*. doi: 10.1111/jgs.70015. *Co-investigator. Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (5%).*
9. Ouellet, S., Gallani MC, Gélinas C, Mercier E, Fontaine G, Lapierre A., **Bérubé M.** (2025). Strategies to Improve the Quality of Nurse Triage in Emergency Departments: A Systematic Review. *International Emergency Nursing*. 81: 101639. *Supervisor: Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (30%).*
10. Severino, F., Gallani, M-C., Mercier, E., Ouellet, S., Tremblay-Roy, J-S., Lapierre, A., Malo, C., Boivin, A., **Bérubé, M.** (2025). The effect of strategies to improve interhospital transfers of critically ill patients on safety and costs: Protocol for a systematic review and meta-analysis. *BMJ Open*. 15:e094452. *Supervisor: Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (30%).*

11. Tremblay, A., Pelet, S., Morency, C., Belzile, E., Dion, N., Gauthier, L., Tapp, D., **Bérubé, M.** (2025). Pain Management frail older patients with non-operated hip fracture receiving palliative care. *Journal of Pain and Symptom Management*. 25: 00626-8. *Supervisor: Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (30%).*
12. **Bérubé, M.**, Guénette, L., Singer, L., Ngomo, S., Bourque, L., Hudon, A. (2025). Living successfully with pain: Identifying the pivotal conditions needed to make them happen. *The Journal of Pain*. 29: 105332. *Principal Investigator: Concept and design of the study; acquisition, analysis and interpretation of data; writing and critical revision of the manuscript (80%).*
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66. **B erub e, M.**, Pasquotti, T., Klassen, B., Brisson, A., Tze, N., Moore, L. (2020). Implementation of the best practice guidelines on geriatric trauma care: a Canadian perspective. *Age & Ageing*, 49, 227-232. *Principal investigator. Concept and design of the study; statistical analysis; acquisition, analysis and interpretation of data; and drafting of the manuscript (80%).*
67. Moore, L., Tardif, P-A., Lauzier F., **B erub e, M.**, Archambault, P., Lamontagne, F., et al. (2020). Low-Value Clinical Practices in Adult Traumatic Brain Injury: An Umbrella Review. *Journal of Neurotrauma*, 37:24. *Co-investigator. Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (10%).*
68. **B erub e, M.**, Moore, L., Lauzier, F., C ot e, C., Vogt, K., Tremblay, L., et al. (2020). Strategies aimed at preventing chronic opioid use in trauma and acute care surgery: a scoping review protocol. *BMJ Open*, 10, e035268. *Principal investigator. Concept and design of the study and drafting of the manuscript (80%).*
69. **B erub e, M.**, Moore, L., Leduc, S., Farhat, I., Lesieur, M., Lamontagne, J., et al. (2020). Low-value injury care in adult orthopaedic trauma population: A protocol for a rapid review. *BMJ Open*, 10, e0333453. *Principal investigator. Concept and design of the study and drafting of the manuscript (80%).*
70. Poirier, C., Martel, M-O., **B erub e, M.**, Boulanger A., G elinas, C., Gu enette, L., et al. (2020). French-Canadian Translation of a Self-Report Questionnaire to Monitor Opioid Therapy for Chronic Pain: The Opioid Compliance Checklist (OCC). *Canadian Journal of Pain*. *Co-investigator. Concept and design of the study; acquisition, analysis and interpretation of data; and critical revision of the manuscript for important intellectual content (10%).*

#### Publications in collective works and book chapters – Last five years

1. G elinas, C., Martorella, G., Arroyo-Novoa, CM., **B erub e, M.** Puntillo, KA. (2020). Assessment, Prevention, and Management of Pain. ICU liberation book. Society of Critical Care Medicine.

#### Thesis/Dissertation

1. Development and Preliminary Testing of a Hybrid Web-Based and In-Person Self-Management Intervention to Prevent Acute to Chronic Pain Transition After Major Lower Extremity Trauma (iPACT-E-Trauma). (2018). McGill University.

#### **b. Forthcoming contributions**

##### Accepted manuscripts

1. Laberge-S evigny M., Moore L, Gabbe B, Haagsma J, Wake E, Haas B, Skaff D., Green R, Trevino C, Finstad J, Gagnon M-A, Deziel P-L, **B erub e M.** (2025). Strategies fo Assessing Post-Hospitalization Outcomes in Trauma Survivors and their Feasibility of Implementation: A Scoping Review. *BMJ Open*.
2. Severino F., Gallani MC, Mercier E, Tremblay-Roy J-S, Ouellet S., Poulin-Moore LF, Bourque L, Lapierre A., Malo C, **B erub e M.** (2025). Interhospital Transfers from the Emergency Department: A Mixed-Methods Study with a View to Improve their Quality. *Canadian Journal of Emergency Medicine*.
3. Lapierre A., **B erub e M.** Giroux M, Turcotte V., Boisvert L, Williamson D, Mercier E, Richard Denis A, Moore L. (2025). Identifying Priorities for Interventions to Strengthen Interprofessional Collaboration across a Trauma Care System: A Qualitatively Enhanced Nominal Group Study. *Journal of Healthcare Management*.
4. Sacchetti A., **B erub e M.**, Pison C, Bellier A. (2025). Impact of advanced nurse practitioners in ambulatory primary care for patients with chronic diseases: a systematic review. *European Journal of General Medicine*.

Revision requested

1. Ouellet S, Gallani MC, St-Pierre S-E, Gagnon M-A, Mercier E, Archambault P, **Bérubé M.** (2025). Systematic Review of Clinical Practice Guidelines on the Canadian Triage Acuity Scale (CTAS). *International Emergency Nursing*.
2. Guénette L, Bérété Z, Cyrenne-Dussault M, Bélanger L, Massé O, **Bérubé M**, Dupuis L, McDonald E, Millecamps M, Pinard A-M, Tétrault P, Troncy E. (2025). Deprescribing gabapentinoids in the treatment of chronic pain: a scoping review of existing interventions. *Pain Medicine*.
3. Gagnon M-A, O'Connor S, Gerges P, Costerousse O, Abiala G, Zhang HX, Isaac C, Lauzier F, Rachanski R, Langis Francoeur C, Moore L, **Bérubé M**, English S, Lessard Bonaventure P, Turgeon-Fournier A. (2025). Prognostic value of ubiquitin carboxy-terminal hydrolase L-1 (UCHL-1) in patients with moderate or severe traumatic brain injury: A systematic review and meta-analysis. *BMJ Surgery, Interventions & Health Technologies*.
4. Belhumeur V, Nadeau A, Dubucs X, Malo C, Benhammed A, Blanchard P-G, Moore L, **Bérubé M**, Tardif P-A, Émond M, Mercier E. Incidence of concomitant Intracranial Hemorrhage or Cervical Spine Fracture in Older Adults with a Hip Fracture: A Multicenter Cohort Study. *Emergency Medicine Journal*.

Submitted (supervised graduate students are underlined)

1. **Bérubé M**, Macedo T, Bradely N, Rao J, Garraway N, Green R, Kureshi N, Clark D, Moore L, Stelfox HT, Laberge-Sévigny M, Skaff D, O'Donnell M, Haagsma J, Archambault P, Richard Denis A, Gagnon MA, Panenka, W. (2025). Structures to Improve Mental Health Practices in Adult Canadian Trauma Centres: A Practice Survey. *Injury*.
2. Sacchetti A, Bellier A, Pison C, **Bérubé M.** (2025). Implementation of a Home Visit Intervention by a Nurse Practitioner for Frail Patients: An International Francophone Consensus Study. *BMC Nursing*.
3. Mwanack M, Côté C, Archambault L, Belzile E, Haas B, Kidwell K, Verret M, Guénette L, Guertin J, Dupuis L, Perreault K, Martel M-O, Conombo B, Gagnon M-A, Turcotte V, **Bérubé M.** (2025). Follow-up interventions in trauma survivors to optimize pain management or opioid use and associated costs: a scoping review protocol. *Systematic Reviews*.
4. Ouellet, S., Gallani, M.C., St-Pierre, S-E., Archambault, P., Mercier, E., **Bérubé, M.** (2025). Environmental Scan of Quality Assessment Tools for Nurse Triage in Quebec Emergency Departments. *Canadian Journal of Emergency Nursing*.
5. Giroux, M., Sirois, M-J., **Bérubé, M.**, Morin, M., Belzile, E., Émond, M., Moore, L. (2025). Validation of a Set of Quality Indicators for Older Adults Hospitalized for Injury: a Retrospective Cohort Study in an Integrated Canadian Trauma System. *Annals of Surgery*.
6. Moore, L., Freire, G., Turgeon, A.F., **Bérubé, M.**, Malloum Boukar, K., Tardif P-A., Stefox, H.T., Beno, S., Lauzier, F., Beaudin, M., Zemek, R., Gagnon, I.J., Beaulieu, E., Weiss, M.J., Carsen, S., Gabbe, B., Stang, A., BenAbdeljelil, G.E., Yanchar, N. Adherence to clinical practice guideline recommendations for pediatric injury care in an organized trauma system: a retrospective cohort study. *JAMA Surgery*.  
BenAbdeljelil, G.E., Freire, G., Turgeon, A.F., **Bérubé, M.**, Malloum Boukar, K., Tardif P-A., Stefox, H.T., Beno, S., Lauzier, F., Beaudin, M., Zemek, R., Gagnon, I.J., Beaulieu, E., Weiss, M.J., Carsen, S., Gabbe, B., Stang, A., Moore, L. (2025). Practice variations in the management of children hospitalised with traumatic brain injury in Canada. *JAMA Surgery*

**c. Other refereed contributions**Published abstracts and notes (supervised graduate students are underlined)-Last five years

1. **Bérubé, M.**, Verret, M., Bourque, L., Côté, C., Guénette, L., Richard-Denis, A., Ouellet, S., Norris Singer, L., Gauthier, L., Gagnon, M-P., Gagnon, M-A., Martorella, G. (2024). Educational needs and preferences of adult patients with acute pain: a mixed-methods systematic review. *Canadian Journal of Pain*. 3:2366131
2. Archambault L, **Bérubé M**, Perreault M. Co-occurring opioid use disorders and chronic pain: Expert perspectives to support research and clinical management. (2024). *Canadian Journal of Pain*. 3:2366131
3. **Bérubé M**, Hudon A, Singer Norris L, Bourque L, Ngmo S, Guénette L. (2024). Success in pain management: Identifying pivotal moments and the support needed to make them happen. *Canadian Journal of Pain*. 3: 2366131

4. **Bérubé, M.**, Cloutier, S., Côté, C., Belzile, E., Dale, C., Guénette, L., Turcotte, V., Verret, M., Lauzier, F. (2022). Environmental scan and quality assessment of online continuing education modules offered to healthcare professionals for the judicious prescribing of opioids. *Canadian Journal of Pain*, 6, A60-A180.
5. Grzelak, S., **Bérubé, M.**, Gagnon, M.A., Côté, C., Turcotte, V., Pelet, S., Belzile, E. (2022). Implementation of pain management strategies and adverse effects of analgesics after orthopedic trauma: A Mixed-Methods Study with A View To Optimizing Practices. *Canadian Journal of Pain*, 6, A60-A180.
6. Gélinas, C., Richard-Lalonde, M., Ferland, C., **Bérubé, M.** (2022). What are the most frequent and distressful side effects for postoperative pain management as reported by hospitalized patients? *Canadian Journal of Pain*, 6, A60-A180.
7. **Bérubé, M.**, Leduc, S., Roy, I., Dupuis, S., Turcotte, V., Côté, C., Cléroux, S., Panic, S. (2020). Tapering opioids to prevent chronic use in high-risk trauma patients: Is it possible? *European Journal of Trauma and Emergency Surgery*. EJTES abstracts  
<https://link.springer.com/content/pdf/10.1007/s00068-020-01343-y.pdf> Dans le cadre des études
8. **Bérubé, M.**, Côté, C. (2020). Evidence-based strategies for the prevention of chronic pain after traumatic injuries. *European Journal of Trauma and Emergency Surgery*. EJTES abstracts,  
<https://link.springer.com/content/pdf/10.1007/s00068-020-01343-y.pdf>
9. Côté, C., **Bérubé, M.** (2020). Strategies aimed at preventing chronic opioid use after trauma: a scoping review. *European Journal of Trauma and Emergency Surgery*. EJTES abstracts,  
<https://link.springer.com/content/pdf/10.1007/s00068-020-01343-y.pdf>
10. Morris, J.L., Bernard, F., **Bérubé, M.**, Dubé, J-N., Houle, J., Laporta, D., et al. (2020). Determinants of Pain Assessment Documentation in Intensive Care Units. *Canadian Journal of Pain*, 4:A125.

Guest speaker presentation (supervised graduate students are underlined)-Last five years

1. **Bérubé M.** (2026). Trauma nurse driving research and evidence-based practice. World Trauma Congress and European Congress of Trauma and Emergency Surgery. Stockholm, Sweden.
2. **Bérubé M.** (2026). Treating pain today to prevent pain tomorrow. World Trauma Congress and European Congress of Trauma and Emergency Surgery. Stockholm, Sweden.
3. **Bérubé M.** (2025). Improving mental health after trauma: possible solutions based on an assessment of gaps between knowledge and practice. Australian & New Zealand Association for the Surgery of Trauma - 2025 Conference, Wellington, New Zealand.
4. **Bérubé M.** (2025). Sustainable interventions to improve care for patients with traumatic injuries. Faculty of Medicine and Pharmacy. Université Grenoble Alpes. Grenoble, France.
5. **Bérubé M.** (2024). Sustainable interventions to improve trauma care by combining the evidence and interested parties perspectives. Australian & New Zealand Association for the Surgery of Trauma - 2024 Conference, Brisbane, Australia.
6. **Bérubé M.** (2024). Challenges of managing and following trauma patients in rural and remote Canada. Australian & New Zealand Association for the Surgery of Trauma - 2024 Conference, Brisbane, Australia.
7. **Bérubé M.** (2024). Towards improving the mental health of patients with traumatic injuries: A systematic review of practice guidelines. Pheonix Australia-Australian National Centre of Excellence in Posttraumatic Mental Health. Melbourne, Australia.
8. **Bérubé M.** (2024). En route vers l'amélioration de la santé mentale des personnes avec blessures traumatiques: Une revue systématique de guides de pratique. Quebec Nursing Intervention Research Virtual Seminar.
9. **Bérubé M.** (2024). Palliative Care Strategies to Improve Pain Management in Older Patients: A Scoping Review. Quebec Pain Research Network, Consortium on Treatment Effectiveness and Safety Scientific Meeting.
10. **Bérubé, M.** (2023). Bien vivre avec la douleur. Des recherches qui changent nos vies dans le cadre des journées québécoises des lésions médullaires. Moelle épinière et motricité Québec.
11. **Bérubé, M.** (2023). Stratégies interdisciplinaires pour prévenir l'usage à long terme et nocive d'opioïdes à la suite de blessures traumatiques : Du processus des sélection vers celui de leur mise en œuvre. Colloque régional de traumatologie. CIUSSS du Saguenay-Lac Saint-Jean.
12. Huard, R., **Bérubé, M.** (2023). Mental health after a traumatic injury: A case analysis. Interdisciplinary Trauma Network of Canada scientific day. Edmonton, Canada.

13. **Bérubé, M.** (2023). Expérience-patient quant à la collaboration interdisciplinaire et l'intégration des services pour une utilisation judicieuse des opioïdes à la suite d'un traumatisme. Congrès annuel de traumatologie du CHU de Québec-Université Laval.
14. **Bérubé, M.** (2023). Design and feasibility assessment of a sustainable educational and follow-up program to prevent long-term non-beneficial opioid use in adult trauma patients. Canadian Traumatic Brain Injury Research Consortium, Lake Louise, Canada.
15. **Bérubé, M.,** Singer, L., Hudon, A., Guénette, L., Ngomo, S. (2023). Success in pain management: Identifying turning points and the support needed to achieve them. Quebec Pain Research Network
16. **Bérubé, M., Tremblay, A.** (2023). Optimizing palliative care after hip fracture in terminally ill patients. Réseau québécois de recherche en soins palliatifs et de fin de vie.
17. **Bérubé, M.** The Importance of a Coordinated Response (Trauma Team Activation) on Arrival Using CRM Principle. Trauma Association of Canada annual meeting. Montreal, Canada.
18. **Bérubé, M.** (2022). Trajectoire de services de haute valeur ajoutée dans le domaine de douleur à la suite de blessures traumatiques. Forum international francophone sur la douleur, Montreal, Canada.
19. **Bérubé M.** (2022). Interprofessional collaboration for an optimal use of opioids. Tri-Faculty continuing education session in pharmacotherapy (Medicine, Pharmacy, Nursing), Université Laval, Canada.
20. Turcotte, V., **Bérubé, M.** (2022). Violence in trauma : A case analysis. Interdisciplinary Trauma Network of Canada scientific day. Montreal, Canada.
21. **Bérubé, M.** (2022). Level of implementation and perceived effectiveness of strategies to prevent long-term opioid use after traumatic injury injury: A Canadian practice survey. Journée scientifique du Département d'anesthésiologie et de soins intensifs de l'Université Laval, Canada
22. **Bérubé, M.** (2021). Stratégies interdisciplinaires visant à prévenir l'usage à long-terme d'opioïdes chez les patients adultes ayant subi un traumatisme. Quebec Pain Research Network.
23. **Bérubé, M.** (2021). Description des stratégies de soulagement de la douleur et des effets indésirables des analgésiques dans la trajectoire de soins de traumatologie. Quebec Pain Research Network.
24. **Bérubé, M.** (2021). Preventing Long Term Opioid Use Following Trauma: Filling the Research Gap. Trauma Association of Canada virtual conference.
25. **Bérubé, M.** (2021). Prévenir la transition de la douleur aiguë à chronique chez les survivants des soins. Intensifs: est-ce possible? Première conférence virtuelle du Regroupement des Infirmières et Infirmiers en Soins Intensifs du Québec.
26. **Bérubé, M.** (2021). Développement de stratégies interdisciplinaires visant à prévenir l'usage à long terme d'opioïdes à la suite d'un traumatisme. Centre de recherche du CHU de Québec: Axe Santé des Populations et Pratiques Optimales en Santé.

Presentations (supervised graduate students are underlined)-Last five years

(Provincial: 5; national = 50, international = 30)

1. **Bérubé M,** Lapierre A, Bradley N, O'Donnell M, Bourque L, Thebaud M, Stelfox HT, Moore L, Garraway N, Haagsma J, Clark D, Green R, Rao J, Lakha N, Vasiliadis HM, Menear M, Archambault L, Provencher H, Gagnon M-A, Turgeon A, Kureshi N, Malo C, Genest C, Panenka W. (2025). Towards improving the mental health of individuals with traumatic injuries: A systematic review of practice guidelines. Trauma Association of Canada, Gatineau, Canada.
2. Côté C, **Bérubé M.** (2025). Barriers and facilitators to the optimization of opioid use by trauma patients. Trauma Association of Canada, Gatineau, Canada. Trauma Association of Canada, Gatineau, Canada.
3. Lapierre A, **Bérubé M,** Turcotte V, Severino F, Boisvert L, Williamson D, Mercier E, Richard-Denis A, Moore L. (2025). Perceived use, effectiveness and barriers of interprofessional interventions in an integrated Canadian trauma system: A practice survey. Trauma Association of Canada, Gatineau, Canada. Trauma Association of Canada, Gatineau, Canada.
4. Bosc A, **Bérubé M,** Roch G. (2025). Identifier les besoins d'apprentissage des proches de survivants de soins intensifs: un protocole d'une étude qualitative guidée par la théorie de gestion des symptômes. Secrétariat International des Infirmières et Infirmiers de la Francophonie, Lausanne, Switzerland.
5. Ouellet S, Gallani MC, **Bérubé M.** (2025). Renforcer la sécurité des triages infirmiers: Stratégies d'amélioration de la qualité issues d'une revue systématique. Secrétariat International des Infirmières et Infirmiers de l'Espace Francophone, Lausanne, Switzerland.

6. Côté C, **Bérubé M.** (2025). Élaboration d'une intervention de soutien à l'utilisation judicieuse des opioïdes après une blessure traumatique. Secrétariat International des Infirmières et Infirmiers de l'Espace Francophone, Lausanne, Switzerland.
7. **Bérube M**, Côté C, Verret M, Moore L, Belzile E, Archambault L, Martel MO, Hass B, Evans D, Turgeon A, Lauzier F, Choinière M. (2025). Optimizing Opioid Use in Trauma Patients: Barriers and Facilitators and How to Address Them. Society of Trauma Nurses annual conference, Kansas City, United States of America.
8. **Bérubé M**, Lapierre A, Bradley N, O'Donnell M, Bourque L, Thebaud M, Stelfox HT, Moore L, Garraway N, Haagsma J, Clark D, Green R, Rao J, Lakha N, Vasiliadis HM, Menear M, Archambault L, Provencher H, Gagnon M-A, Turgeon A, Kureshi N, Malo C, Genest C, Panenka W. (2024). Clinical Practice Guideline Recommendations to Improve the Mental Health of Adult Trauma Patients: A Systematic Review. Australian & New Zealand Trauma Society - Trauma 2024 Conference, Brisbane, Australia
9. Moore L, **Bérubé M**, Lapierre A, Lauzier F, A, Turgeon AF, Taljaard M, Fowler R, Yanchar N, Mercier E, Paquet J, Stelfox HT, Archambault P, Berthelot S, Guertin, JR, Haas B, Ivers N, Grimshaw J, Youngdong O, Sykes M, Witteman H, Lessard-Bonaventure P, Gabbe B, Moore L. (2024). Development and usability testing of a multifaceted intervention to reduce low-value injury care. International Audit & Feedback MetaLab Meeting, Rome, Italia.
10. Tremblay A, Pelet S, Belzile E, Morency C, Dion N, Boulet J, Tapp D, Gauthier L, **Bérubé M.** (2024). Pain management in frail patients with hip fracture and neurocognitive disorder receiving palliative care. World Congress on Pain, Amsterdam, Netherlands Conference.
11. Côté C, Gagnon MP, Bourque L, Martorella G, Richard-Denis A, Mwanack M, Verret M, Singer L, Gauthier M, **Bérubé M.** (2024). Educational needs and preferences of adult patients with chronic pain: a mixed-methods systematic review. World Congress on Pain, Amsterdam, Netherlands.
12. **Bérubé M**, McGennis M-E, Gagnon M-A, Paquet J, Verret M, Turcotte V, Guénette L, Duval C, Richard Denis A, Turgeon A. (2024). Use and adverse effects of opioids after neurotrauma in the transition from acute to chronic pain. World Congress on Pain, Amsterdam, Netherlands.
13. Tremblay A, Pelet S, Belzile E, Morency C, Dion N, Boulet J, Tapp D, Gauthier L, **Bérubé M.** (2024). Pain management in patients with hip fracture and neurocognitive disorder receiving palliative care. Canadian Orthopaedic Association, Halifax, Canada.
14. Ben Abdeljelil, A., Freire, G.C., Yanchar, N., Turgeon, A.F., Beno, S., **Bérubé, M.**, Stang, A., Stelfox, H.T., Zemek, R., Beaulieu, E., Gagnon, I., Gabbe, B., Lauzier, F., Labrosse, M., Tardif, P-A., Deshommes, T., Gnanvi, J., Moore, L. (2024). Pediatric Moderate and Severe Traumatic Brain Injury: A Systematic Review of Clinical Practice Guideline Recommendations. Trauma Association of Canada, Halifax, Canada
15. Moore, L., Ben Abdeljelil, A., Tardif, P-A., Zemek, R., Reed, N., Yeates, KO, Emery, C., Gagnon, IJ, Yanchar, N., **Bérubé, M.**, Dawson, J., Berthelot, S., Stang, A., Beno, S., Beaulieu, E., Turgeon, AF, Labrosse, M., Lauzier, F., Pike, I., Macpherson, A., Freire, GC. (2024). Clinical Practice Guideline Recommendations in Pediatric Mild Traumatic Brain Injury: A Systematic Review. Trauma Association of Canada, Halifax, Canada.
16. Moore L, Freire G, Turgeon AF, **Bérubé M**, Boukar KM, Tardif PA, Stelfox HT, Beno S, Lauzier F, Beaudin M, Zemek R, Gagnon IJ, Beaulieu E, Weiss MJ, Carsen S, Gabbe B, Stang A, Ben Abdeljelil A, Gnanvi E, Yanchar N. (2024). Effectiveness of pediatric trauma centers compared to adult or mixed trauma centers for improving outcomes in children admitted to hospital following trauma: a systematic review and metaanalysis. Trauma Association of Canada, Halifax, Canada.
17. **Bérubé M**, Belcaid A, Turgeon AF, Taljaard M, Fowler R, Yanchar N, Mercier É, Paquet J, Stelfox HT, Archambault P, Berthelot S, Guertin JR, Haas B, Ivers N, Grimshaw J, Lapierre A, Ouyang Y, Sykes M, Witteman H, Lessard-Bonaventure P, Gabbe B, Lauzier F, Moore L. (2024). Development and usability testing of a theory, evidence and interested parties-informed multifaceted intervention to reduce low-value injury care. Trauma Association of Canada, Halifax, Canada.
18. Giroux M, Sirois M-J, Emond M, **Bérube M**, Morin M, Moore L. Identifying a set of quality indicators for older adults hospitalized for injuries: an expert consensus study. (2024). Trauma Association of Canada, Halifax, Canada.
19. Duval C, Sirois C, **Bérube M**, Lapierre A, Williamson D, Lauzier F, Moore L. (2024). Low-value prescriptions for injury hospitalisations : a cohort study. Trauma Association of Canada, Halifax, Canada.

20. Moore L, Freire G, Beaudin M, Weiss MJ, Beaulieu E, Stang A, Gabbe JB, **Bérube M**, Stelfox HT, Macpherson A, Berthelot S, Yanchar N. (2024). Adherence to clinical practice guideline recommendations on pediatric trauma care in Canada: a retrospective cohort study. Trauma Association of Canada, Halifax, Canada.
21. Gnanvi J, Yanchar N, Freire G, Beaulieu E, Université Laval, Tardif P-A, **Bérube M**, Macpherson A, Pike I, Zemek R, Gagnon I, Carsen S, Gabbe JB, Soualio G, Duval C, Moore L. (2024). Social determinants of health and disparities in pediatric trauma care: systematic review and meta-analysis. Trauma Association of Canada, Halifax, Canada.
22. Lapierre A, **Bérube M**, Turcotte V, Mercier E, Richard Denis A, Razek T, Williamson D, Lamontagne M-E, Moore L. (2024). Structures that impact interprofessional collaboration and patient care in acute trauma settings: A scoping review. Trauma Association of Canada, Halifax, Canada.
23. **Bérubé, M.**, Verret, M., Bourque, L., Côté, C., Guénette, L., Richard-Denis, A., Ouellet, S., Norris Singer, L., Gauthier, L., Gagnon, M-P., Gagnon, M-A., Martorella, G. (2024). Educational needs and preferences of adult patients with acute pain: a mixed-methods systematic review. Canadian Pain Society, Ottawa, Canada.
24. Archambault L, **Bérubé M**, Perreault M. Co-occurring opioid use disorders and chronic pain: Expert perspectives to support research and clinical management. (2024). Canadian Pain Society, Ottawa, Canada.
25. **Bérubé M**, Hudon A, Singer Norris L, Bourque L, Nugmo S, Guénette L. (2024). Success in pain management: Identifying pivotal moments and the support needed to make them happen. Canadian Pain Society, Ottawa, Canada.
26. **Bérubé M.** (2024). Mental health following traumatic injury: Status report and solutions for the interdisciplinary team. Traumatologie Défi, Québec, Canada.
27. Severino F, **Bérubé M**, Mercier E, Gallani MC. (2024). Status of inter-hospital ambulance transfers from university hospital emergency departments. Traumatologie Défi, Québec, Canada.
28. Moore, L., **Bérubé, M.**, Belcaid, A., Turgeon, A.F., Taljaard, M., Fowler, R., Yanchar, N., Mercier, E., Paquet, J., Stelfox, H.T., Archambault, P., Berthelot, S., Guertin, J.R., Haas, B., Ivers, N., Grimshaw, J., Lapierre, A., Youngdong, O., Sykes M., Witteman, H., Lessard-Bonaventure, P., Gabbe, B., Lauzier, F. (2023). Evaluating the effectiveness of a multifaceted intervention to reduce low-value care in adults hospitalized following trauma: a protocol for a pragmatic cluster randomized controlled trial. Choosing Wisely Canada, Toronto, Canada.
29. **Bérubé, M.**, Khalfi, A., Turcotte, V., Archambault, L., Belzile, E., Charrette, Y., Genest, C., Hudon, A., Lamontagne, M-E., Martel, M-O., Perreault, K., Perreault, M., Provencher, H., Vasiliadis, H-M. (2023) Mental health after traumatic injury: An exploration of current approaches by health professionals and opportunities for improvement. Canadian Collaborative Mental Health Conference, Vancouver, Canada.
30. **Bérubé, M.**, Côté, C., Gagnon, M-A., Moore, L., Tremblay, L., Turgeon, AF., Evans, D., Berry, G., Turcotte, V., Belzile, E., Dale, C., Orrantia, E., Verret, M., Dercksen, J., Martel, M-O., Chatillon, C-E., Lauzier, F. (2023). Interdisciplinary Strategies to Prevent Long-Term, Non-Beneficial Opioid Use Following Trauma: A Consensus Study. Trauma Association of Canada, Edmonton, Canada.
31. Moore, L., Freire, G., Yanchar, N., **Bérubé, M.**, Tardif, P-A., Stelfox, H., Beaudin, M., Stang, A., Beno, S., Weiss, M.J., Labrosse, M., Gagnon, I., Beaulieu, E., Turgeon, A.F., Lauzier, F., Gabbe, B., Carsen, S. (2023). Clinical Practice Guideline Recommendations in Pediatric Orthopaedic Injury Care: A Systematic Review. Trauma Association of Canada, Edmonton, Canada.
32. Boulet, J., Belzile, E., Dion, N., Morency, C., **Bérubé, M.**, Tremblay, A., Beauchamp-Chalifour, P., Pelet, S. (2023). Palliative care in the setting of a hip fracture in the elderly population. Canadian Orthopaedic Association, Calgary, Canada.
33. Tremblay, A., **Bérubé, M.**, Belzile, E., Morency, C., Dion, N., Gauthier, L., Tapp, D., Pelet, S. (2023). Strategies to improve end-of-life decision and palliative care following hip fracture in patients with terminal illness: a scoping review. Canadian Orthopaedic Association, Calgary, Canada.
34. McGennis, M-E., **Bérubé, M.** (2023). Exploration des stratégies pharmacologiques et non pharmacologiques de soulagement de la douleur après un neurotraumatisme. Congrès annuel de traumatologie du CHU de Québec-Laval University, Québec, Canada.
35. Beaudoin, M., **Bérubé, M.** (2023). Évaluation de l'implantation des meilleures pratiques en matière de soulagement de la douleur et de mobilisation précoce dans l'objectif de prévenir le délirium chez la clientèle de traumatologie gériatrique. Congrès annuel de traumatologie du CHU de Québec-Laval University, Québec, Canada.

36. Boulet, J., Belzile, E., Dion, N., Morency, C., Tremblay, A., **Bérubé, M.**, Pelet, S. (2023). Soins palliatifs chez la population gériatrique avec fracture de la hanche, quel patient en bénéficierait le plus? Congrès international francophone de gérontologie et gériatrie, Montréal, Canada.
37. Severino, F., **Bérubé, M.**, Galliani, M.C. (2023). Évaluation des transferts interhospitaliers en ambulance au départ des unités d'urgence. International Council of Nurses, Montreal, Canada.
38. Gélinas, C., Wang, C., Richard-Lalonde, M., Houle, J., **Bérubé, M.** (2023) Persistent pain in adult survivors from the intensive care unit (ICU): How are they doing at 3 months post-discharge? International Council of Nurses, Montreal, Canada.
39. Audet, C., Bertrand, C., Martel, M-O., Pinard, A-M., **Bérubé, M.**, Lacasse, A. (2023). Breaking down silos of medical and non-medical cannabis: A Quebec study about use in people living with chronic pain. Canadian Consortium for the Investigation of Cannabinoids. Toronto, Canada.
40. Lacasse, A., Nguena Nguéack H.L., Sharif, R., **Bérubé, M.**, Audet, C., Julien, N. (2023). Real-world pain relief trajectories among persons using cannabis as a treatment for chronic pain. Canadian Pain Society, Banff, Canada.
41. Turcotte, V., Lévesque, P., **Bérubé, M.** (2022). Epidemiology of hospitalizations secondary to intentional injuries during the Covid-19 pandemic in Quebec. Canadian Injury Prevention Conference, Vancouver, Canada.
42. Boivin, A., **Bérubé, M.** (2022). Sélection de stratégies de transfert des connaissances pour la mise en oeuvre de stratégies non-pharmacologiques visant à prévenir le délirium en soins intensifs. Secrétariat international des infirmières et infirmiers de l'espace francophone, Ottawa, Canada.
43. Ouellet, S., Bélanger, G., **Bérubé, M.** (2022). Fiabilité inter-juges d'un outil mesurant la qualité des triages infirmiers dans le service des urgences. Le Secrétariat international des infirmières et infirmiers de l'espace francophone, Ottawa, Canada
44. Côté, C., **Bérubé, M.** (2022). L'intégration des services pour prévenir l'utilisation prolongée d'opioïdes à la suite blessures traumatiques. Le Secrétariat international des infirmières et infirmiers de l'espace francophone, Ottawa, Canada
45. Bosc, A., **Bérubé, M.**, Roch, G. (2022). Interventions infirmières visant l'humanisation des soins pour atténuer le syndrome post soins intensifs: protocole d'une revue réaliste. 89<sup>e</sup> congrès de l'Association canadienne française pour l'avancement des sciences (ACFAS), Québec, Canada.
46. Ouellet, S., **Bérubé, M.**, Gallani, M.C., Gélinas, C. (2022). Revue réaliste des stratégies visant à améliorer la qualité des triages infirmier dans les services d'urgences. 89<sup>e</sup> congrès de l'Association canadienne-française pour l'avancement des sciences (ACFAS), Québec, Canada.
47. Moore, L., **Bérubé, M.**, Tardif, P.A., Lauzier, F., Turgeon, A., Cameron P., Champion, H., Tanchar, N., Lecky, F., Kortbeek, J., Evans, D., Mercier, E., Archambault, P., Lamontagne, F., Gabbe, B., Stelfox, T. (2022). Low value practices in trauma care: An evidence-based consensus study. Trauma Association of Canada annual meeting, Montreal, Canada.
48. Jean Isaac, C., Moore, L., **Bérubé, M.**, Malo, C., Giroux, M., Belcaid, A., Dionne C. (2022). Predictors of adverse outcome in elders hospitalized for isolated orthopedic injuries: a multicenter cohort study. Trauma Association of Canada annual meeting, Montreal, Canada.
49. Charyk Steward T., Lakha, N., Milton, L., **Bérubé, M.** (2022). Current trauma team activation processes at Canadian trauma centres: a national survey. Trauma Association of Canada annual meeting, Montreal, Canada
50. Gagné, B., Gloaguen, G., Bouffard, M., Béland, S., Choinière, M., Gagliese, L., Pagé, G., **Bérubé M.**, Bouchard, M., Kroger, E., Kudrina, I., Lacasse, A., Martel, M-O., McGarragle, K., Panagopoulos, W., Peter, K., Perez, J., Schneider, C., Tapp, D., Gauthier, L.R. (2022). A scoping review of the definitions and measurement of cancer pain management adequacy. Canadian Pain Society annual meeting, Montreal, Canada.
51. **Bérubé, M.**, Côté, C., Moore, L., Turgeon, A.F., Dale, C., Berry, C., Choinière, M., Wood, D., Guénette, L., Dupuis, S., Tremblay, L., Turcotte, V., Martel, M.O., Perreault, M., Perreault, K., Lauzier, F. (2022). Current use and perceived effectiveness of strategies to prevent long-term opioid therapy following trauma: A Practice Survey. Trauma Association of Canada annual meeting, Montreal, Canada.
52. Olachodjoui, G., **Bérubé, M.**, Clément, J., Stelfox, T., Archambault, P., Lamontagne, F., Moore, L. (2022). Pre and post transfer computed tomography imaging in Canadian trauma centers: a multicenter retrospective cohort study. Trauma Association of Canada annual meeting, Montreal, Canada

53. Grzelak, S., **Bérubé, M.**, Gagnon, M.A., Côté, C., Turcotte, V., Pelet, S., Belzile. (2022). Implementation of pain management strategies and adverse effects of analgesics after orthopedic trauma: A Mixed-Methods Study with A View To Optimizing Practices. 23<sup>rd</sup> Annual Meeting of the European Federation of National Association of Orthopaedic and Traumatology, Lisbon, Portugal.
54. Moore, L., **Bérubé, M.**, Tardif, P.A., Lauzier, F., Turgeon, A., Cameron P., Champion, H., Tanchar, N., Lecky, F., Kortbeek, J., Evans, D., Mercier, E., Archambault, P., Lamontagne, F., Gabbe, B., Stelfox, T. (2022). Quality Indicators Targeting Low-Value Clinical Practices in Trauma Care: An Expert Consensus Study. 23<sup>rd</sup> Annual Meeting of the European Federation of National Association of Orthopaedic and Traumatology., Lisbon, Portugal.
55. Beaudoin M., **Bérubé M.** (2022). Évaluation de l'implantation des meilleures pratiques en matière de soulagement de la douleur et de mobilisation précoce dans l'objectif de prévenir le délirium chez la clientèle de traumatologie gériatrique. Secrétariat international des infirmières et infirmiers de l'espace francophone, Ottawa, Canada.
56. Beaudoin, M., **Bérubé, M.**, Racicot, M., Gagnon M-A., Trépanier, D., Malo, C., Belzile, E. (2022). Evaluation of the implementation of best practices for pain management to prevent delirium following geriatric trauma. World Congress on Pain, Toronto, Canada.
57. Kagie, R., Richard-Lalonde, M., Shahiri, T.S., **Bérubé, M.**, Gélinas, C. (2022). How does sex play into opioid consumption and satisfaction with pain treatment in ICU patients? World Congress on Pain, Toronto, Canada.
58. **Bérubé, M.**, Côté, C., Derksen, J., Turcotte, V., Dupuis, S., Martel, M-O. (2022). Selection of interdisciplinary strategies to prevent long-term opioid use following trauma: A consensus study. World Congress on Pain, Toronto, Canada.
59. **Bérubé, M.**, Côté, C., Moore, L., Turgeon, A.F., Belzile, E., Richard Denis, A., Dale, C., Berry, G., Choinière, M., Pagé, M., Evans, D., Wood, D., Guénette, L., Dupuis, S., Tremblay, L., Turcotte, V., Martel, M-O., Chatillon, C-E., Perreaultm K., Lauzier, F. (2022). Level of implementation and perceived effectiveness of strategies to prevent long-term opioid therapy following trauma: A Canadian practice survey. World Congress on Pain, Toronto, Canada.
60. Boivin, A., **Bérubé, M.** (2022). Selection of knowledge translation strategies to implement nonpharmacological recommendations to prevent delirium in the ICU. American Delirium Society annual meeting, Minneapolis, USA.
61. Gélinas, C., Richard-Lalonde, M., Ferland, C., **Bérubé, M.** (2022). What are the most frequent and distressful side effects for postoperative pain management as reported by hospitalized patients? Canadian Pain Society annual meeting, Montreal, Canada.
62. Kagie, R., Richard-Lalonde, M., **Bérubé, M.**, Choinière, M., Morin, S., Gélinas, C. (2022). Similar pain in female and male patients at discharge from the intensive care unit: A multi-site study. Canadian Pain Society 2022 annual meeting, Montreal, Canada.
63. **Bérubé, M.**, Cloutier, S., Côté, C., Belzile, E., Dale, C., Guénette, L., Turcotte, V., Verret, M., Lauzier, F. (2022). Environmental scan and quality assessment of online continuing education modules offered to healthcare professionals for the judicious prescribing of opioids. Canadian Pain Society annual Meeting, Montreal, Canada
64. Gélinas, C., Richard-Lalonde, M., Ferland, C., **Bérubé, M.** (2022) What are the most frequent and distressful side effects for postoperative pain management as reported by hospitalized patients? Canadian Pain Society annual Meeting, Montreal, Canada.
65. Grzelak, S., **Bérubé, M.**, Gagnon, M.A., Côté, C., Turcotte, V., Pelet, S., Belzile, E. (2022). Implementation of pain management strategies and adverse effects of analgesics after orthopedic trauma: A Mixed-Methods Study With A View To Optimizing Practices. Canadian Pain Society annual meeting, Montreal, Canada.
66. Isaac, C., Moore, L., Godwill, A., **Bérubé, M.**, Belcaïd, A., Dionne, C. (2022). Predictors of adverse outcomes in elders hospitalized for isolated orthopedic trauma: a multicenter cohort study. Critical Care Canada Forum, Toronto, Canada.
67. Beaudoin, M., **Bérubé, M.**, Racicot, M., Gagnon, M.A., Belzile, E. (2022). Evaluation of the implementation of best practices for pain management and early mobilization to prevent delirium following geriatric trauma. Trauma Association of Canada annual meeting, Montreal, Canada.

68. Isaac, C., Moore, L., Godwill, A., **Bérubé, M.**, Belcaïd, A., Dionne, C. (2022). Predictors of adverse outcomes in elders hospitalized for isolated orthopedic trauma: a multicenter cohort study. 39<sup>e</sup> conférence annuelle de l'Association des Médecins d'Urgence du Québec, Montréal, Canada.
69. Côté, C., **Bérubé, M.** (2021). Development of Interdisciplinary Strategies to Prevent Chronic Opioid Use in Adults Trauma Patients: A Mixed-Method Nominal Group Study. Canadian Traumatic Brain Injury Research Consortium. (Virtual conference)
70. Ouellet, S., **Bérubé, M.** (2021). Quality Indicators to Improve Patients Triage in the Emergency Department: A Scoping Review. Canadian Traumatic Brain Injury Research Consortium. (Virtual conference)
71. Côté, C., **Bérubé, M.** (2021). Strategies aimed at preventing long-term opioid use in trauma and orthopaedic surgery. Trauma Association of Canada. (Virtual conference)
72. Idriss-Hassen, A., **Bérubé, M.**, Belcaïd, A., Clément, J., Bourgeois, G., Rizzo, C., et al. (2021). Derivation and validation of actionable quality indicators targeting reductions in complications for injury admissions. Trauma Association of Canada. (Virtual conference)
73. Grzelak, S., **Bérubé, M.**, Gagnon, M.A., Pelet, S., Belzile, E. (2021). Pain Management Strategies after Orthopaedic Trauma in a Level 1 Trauma Center: A Descriptive Study with a View of Optimizing Practices. (Virtual conference). Trauma Association of Canada. (Virtual conference)
74. Brunet, L., Gerges, R.A., Costerousse, O., Lauzier, F., Zarychanski R., Moore, L., Francoeur C, English, S., **Bérubé, M.**, Turgeon, A.F. (2021). Predictive value of tau protein for prognosis in patients with moderate and severe traumatic brain injury: A systematic review and meta-analysis. Critical Care Canada Forum, Toronto, Canada.
75. Morris, J.L., Bernard, F., **Bérubé, M.**, Dubé, J.N., Houle, J., Laporta, D., et al. (2021). Determinants of Pain Assessment Documentation in Intensive Care Units. World Congress on Pain, IASP.
76. **Bérubé, M.**, Martorella, G., Gélinas, C., Côté, C., Feeley, N., Choinière, M., Parent, S., Streiner, DL. (2021). The effect of psychological interventions on the prevention of chronic pain: a systematic review and meta-analysis. World Congress on Pain, IASP. (Virtual conference)
77. Shahiri, S., Bernard, F., **Bérubé, M.**, Choinière, M., Dubé, J.N., Houle, J., et al. (2021). Predictors of Pain Intensity in Critically Ill Adults at their Discharge from the Intensive Care Unit. World Congress on Pain, IASP. (Virtual conference)
78. Isaac C, Moore L, Godwill A, **Bérubé M**, Belcaïd A, Dionne C. (2021). Predictors of adverse outcomes in elders hospitalized for isolated orthopedic trauma: a multicenter cohort study. Journées de la recherche de la faculté de médecine de l'Université Laval, Québec, Canada.
79. Hassan, I.A., **Bérubé, M.**, Belcaïd, A., Clément, J., Bourgeois, G., Rizzo, C., Soltana, K., Neveu, X., Moore, L. (2020). Derivation and validation of quality indicators targeting reductions in complications for injury admissions. 79<sup>th</sup> Annual Meeting of AAST and Clinical Congress of Acute Care Surgery. (Virtual conference)
80. **Bérubé, M.**, Moore, L., Leduc, S., Lesieur, M., Lamontagne, J., Pelet, S., Berry, G., Tardif, P-A., Côté, C., Paquet, J. (2020). Low-value initial diagnostic imaging in the adult orthopaedic trauma population: a comprehensive evidence map. Trauma Association of Canada annual meeting. (Virtual conference)
81. **Bérubé, M.**, Leduc, S., Roy, I., Dupuis, S., Turcotte, V., Côté, C., Cléroux, S., Panic, S. (2020). Tapering opioids to prevent chronic use in high-risk trauma patients: Is it possible? Trauma Association of Canada annual meeting. (Virtual conference)
82. Gagnon, M-A., Moore, L., **Bérubé, M.** (2020). Low-value hospitalizations following injury: a multi-center cohort study. Trauma Association of Canada annual meeting. Trauma Association of Canada annual meeting. (Virtual conference)
83. **Bérubé, M.** (2020). Evidence-based strategies for the prevention of chronic pain after traumatic injuries. European Congress of Trauma and Emergency Surgery. Oslo, Norway.
84. Côté, C., **Bérubé, M.** (2020). Strategies aimed at preventing chronic opioid use after trauma: a scoping review. European Congress of Trauma & Emergency Surgery, Oslo, Norway.
85. Morris, J., Bernard, F., **Bérubé, M.**, Dubé, J.N., Houle, J., Laporta, D., Moring, S.N., Perreault, M., Williamson, D., Gélinas C. (2020). Determinants of Pain Assessment Documentation in Intensive Care Units. Canadian Pain Society annual meeting. (Virtual conference)

**d. Non-refereed contributions**Research and government reports-Last five years

1. (2023 and 2016). Canadian Clinical Practice Guideline for the Rehabilitation of Adults with Moderate to Severe TBI. Ontario Neurotrauma Foundation.
2. (2023). Provincial Nursing Competency Framework for All Nurses Working Within the Continuum of Care. Trauma Services British Columbia.
3. (2023). Integrated People-Centered Spinal Cord Rehabilitation Program Standard. Health Standard Organization, Canada.
4. (2023). Modèle d'organisation de la prise en charge des blessures médullaires. Institut National d'Excellence en Santé et en Services Sociaux.
5. (2020). Mise à jour des indicateurs de qualité et de performance en traumatologie. Institut National d'Excellence en Santé et en Services Sociaux.

**e. Creative outputs**

1. Online training modules for healthcare professionals: *Approche multimodale pour la gestion de la douleur en soins critiques. Formation Continue Partagée*. McGill University Health Centre. <https://fcp.rtss.qc.ca>
2. Interview with a patient about interdisciplinary collaboration and integration of services for the judicious use of opioids in care trajectory (2021). [https://f.io/ibAv\\_hQ8](https://f.io/ibAv_hQ8)

#### 4. Leadership

##### Participation in larger intellectual activities

###### *Leadership in setting standards for disabled populations with Canadian associations:*

- Since 2017, I have played a key strategic role on the executive committee of the Interdisciplinary Trauma Network of Canada (ITNC), a national organization that brings together clinical decision-makers from trauma programs, healthcare professionals across disciplines, and researchers from multiple Canadian universities. In recognition of her leadership and ability to foster collaboration across sectors, I was elected President of the ITNC for the 2023–2025 term. The organization’s core values (teamwork, system integration, open communication, and a commitment to the health and well-being of trauma patients) are deeply aligned with my research vision and her dedication to advancing evidence-based, patient-centred care across trauma systems.
- I was invited to serve on the Board of Directors of the Trauma Association of Canada (TAC) for two consecutive terms (2023–2025 and 2025–2027), a testament to my recognized expertise and influence in the field of trauma care. The TAC Board is composed of medical directors of trauma centres, researchers, and members of interdisciplinary trauma teams, and is responsible for setting national priorities and guiding policy actions to improve trauma system practices across Canada. I am notably the first nurse researcher from Quebec to be appointed to the TAC Board in its 40-year history, reflecting both my pioneering role and the esteem in which I am holding with my peers. My involvement with TAC has enabled me to build a broad and strategic network of collaborators across the country, facilitating the implementation of my research projects in multiple provinces. These collaborations have led to several impactful scientific contributions, including: a) a national practice survey on the implementation of clinical guideline recommendations for geriatric trauma care, published in *Age & Ageing*; b) a practice survey on trauma team activation upon the arrival of severely injured patients, published in *Injury*; c) the development of a competency framework for nurses working across the trauma continuum of care, in collaboration with Trauma Services British Columbia. Through my strategic engagement with national organizations and my ability to translate research into practice, I demonstrate a leadership that is both visionary and grounded in system-level transformation.

###### *Leadership in Canadian research projects, networks and professional associations:*

- I am a co-investigator on the REMOVE project, a major interdisciplinary initiative that was recently awarded \$24 million CAD through the Government of Canada’s New Frontiers in Research Fund – Transformation Program. The project aims to restore movement, remove barriers, and optimize the use of neuromodulation technologies by integrating knowledge, tools, and approaches from multiple disciplines. Its goal is to enable real-time, user-controlled neuromodulation with somatosensory restoration, allowing for the natural control of paralyzed muscles. The team also seeks to develop socially acceptable technologies and a comprehensive regulatory framework, co-designed with individuals with lived experience, clinicians, ethicists, regulatory experts, and industry partners. I bring a distinctive expertise to this initiative, grounded in my deep understanding of patient-centered care, trauma systems, and implementation science. I am responsible for assessing the needs and preferences of patients, healthcare professionals, and industry interest holders regarding the targeted technologies, and for identifying barriers and facilitators to their adoption in clinical settings. My contribution ensures that the technological innovations developed are not only scientifically sound, but also clinically relevant, ethically informed, and socially acceptable. A dedicated budget of \$800,000 CAD has been allocated to my research laboratory to support this critical component of the project.
- I was appointed director of the Quebec Pain Research Network's (QPRN) initiative on the adverse effects of analgesics for the 2020-2024 term. I was also invited to join the initiative's scientific committee on the judicious use of opioids. My activities within the QPRN have broadened my pain research skills and strengthened my network in this field. Emeritus researchers from this network, as well as other renowned for their work in pain research and opioid use problems, are involved in my research projects. My collaborations with these researchers have led to the development of several projects, including: a) the French-Canadian validation of measurement tools to assess opioid misuse, published in the *Canadian Journal of Psychiatry* and the *Canadian Journal of Pain*; b) the evaluation of the adverse effects of analgesics on care trajectories, published in *Pain Reports*, the *Journal of Pain Research*, and *Neurotrauma Reports*; c) an evaluation of the safety profiles of cannabis use for pain relief based on big data, published in the *Clinical Journal of Pain* in collaboration with Strainprint Technologies. I won the first prize in the 2022 QPRN Gather, Achieve, and

Reach research competition for a project aimed at understanding the factors involved in living well with chronic pain. The project was published in the *Journal of Pain*. I also participated as a co-investigator in the \$7.2 million CAD network renewal application to the *Fond de recherche du Québec-Santé* (FRQS) for the 2024–2032 term, which was funded. I was subsequently appointed co-director of the Effectiveness and Safety of Treatments Consortium for this research network.

- I have been a member of the Canadian Pain Society's Equity, Diversity, and Inclusion (EDI) Committee since 2022. The committee establishes EDI priorities for the society and ensures that its activities, policies, procedures, and communications reflect these principles. Participating in the committee has enabled me to expand her network of pain experts and incorporate key social determinants and EDI principles into her research projects and team composition.

*Leadership and involvement in the scientific community:*

- Since 2020, I am a member of the CIHR College of Reviewers Panel for the Project Funding Program and have reviewed applications for the Fall and Spring Competitions. CIHR has notably honored me in recognition of my excellent work as a peer reviewer in the Spring 2022 Project Grant competition (Health Services, Evaluation, and Intervention Committee) and the Spring 2024 Project Grant competition (Knowledge Translation Research Committee). Similarly, I have been participating as a reviewer since 2022 to the prestigious New Frontiers in Research Fund-Transformation competition of the Government of Canada. The objective of this funding program is to support large-scale, Canadian-led interdisciplinary research projects that address a major challenge with the potential to realize real and long-lasting change. Projects are expected to be world-leading, drawing on global expertise.

*International leadership and expansion potential:*

My internationally recognized expertise in disability care, opioid use disorders, mental health, aging populations, as well as health service optimization has positioned me as a key figure in global health research. My leadership is reflected in the strong and sustained partnerships I have built with renowned researchers across multiple countries. These collaborations go beyond academic exchange: they serve as strategic platforms for joint grant development, methodological innovation, and the co-construction of interdisciplinary research programs. During my sabbatical year (2024–2025), I visited several of her international collaborators in person, further strengthening these strategic relationships and expanding the scope of future joint initiatives. These efforts underscore not only my capacity to lead large-scale, but also my commitment to building inclusive, globally connected infrastructures that will shape the future of learning health systems:

- In September 2024, I visited the Health Technology Assessment and Implementation Research Laboratory at Erasmus University in Rotterdam, the Netherlands, where I met with Juanita Haagsma. Dr. Haagsma's work consists of a unique combination of health economic, epidemiological, and behavioral research, as well as methodological development and implementation research. This multifaceted approach contributes to the evidence-based efficiency of curative and preventive care, including mental healthcare. Dr. Haagsma is one of the co-investigators of a project aimed at improving health professionals' mental health practices, for which I received funding from the CIHR. Dr. Haagsma is also participating in the preparatory phases of creating a database to evaluate services received by vulnerable populations and their long-term health and economic outcomes.
- During my visit to the Netherlands, I also met with Michael Verhofstad and Esther van Lieshout at the Rotterdam Medical Center. They are the principal investigators of the FRAIL-HIP and Non-Operative Management study groups. These two researchers are co-investigators in a recently funded CIHR project I led, which aims to optimize pain management in older patients with non-operated hip fractures receiving palliative care. In addition to my work with researchers in the Netherlands, I have established a collaboration with Peter Cram, an internist specializing in end-of-life care following hip fracture. Dr. Cram is based at the University of Texas and leads the International Health Systems Research Collaborative. This organization aims to compare treatment approaches and outcomes for older adults in developed countries with advanced healthcare systems. This collaborative research project brings together researchers from Canada, the United States, the Netherlands, Israel, England, Switzerland, South Korea, and Australia. It could significantly leverage my work and future funding in the field of hip fractures in frail older patients.

- In November 2024, I visited Meaghan O'Donnell at the University of Melbourne in Australia. Dr. O'Donnell is the research lead of the Australian National Centre of Excellence in Posttraumatic Mental Health (Phoenix Australia). Dr. O'Donnell developed and implemented the Skills for Life Adaptation and Resilience (SOLAR) program in Australia and Europe. This program provides early psychological support to trauma survivors. Professor Bérubé is adapting the program for the Canadian healthcare system. Dr. O'Donnell is also a co-investigator on my CIHR-funded project to improve mental health practices in the context of trauma. During my visit to Australia, I also established research links with Belinda Gabbe. Dr. Gabbe is the co-head of the Clinical and Health Data Outcomes, Innovation, and Research division and the head of the Prehospital, Emergency, and Trauma Research Unit at Monash University. Due to her expertise with trauma registries, Dr. Gabbe will assist me in creating a database for the long-term follow-up of trauma patient outcomes.
- In 2025, I had the opportunity to establish collaborative links with Dr. Kelley Kidwell and Dr. Chad Brummett at the University of Michigan. Dr. Kidwell directs the Patient-Centered Outcomes Research Institute laboratory. She primarily focuses on designing and analyzing sequential, multiple-assignment, randomized trials (SMART) for treating mental disorders, chronic pain, and substance use disorders. Dr. Brummett is the co-director of the Michigan Opioid Prescribing Engagement Network (MOPEN). MOPEN aims to prevent the opioid epidemic by promoting appropriate prescribing practices in surgery and emergency medicine. Dr. Kidwell's and Dr. Brummett's expertise will be essential in preparing the pragmatic clinical trial on optimal opioid use based on a SMART design.

To strengthen my international leadership and enhance the global visibility of Université Laval, the Faculty of Nursing, and the CHU de Québec–Université Laval Research Centre, I have strategically joined several influential international associations and committees, and initiated collaborations with leading research teams. My recent appointments include the Fellowships, Grants, and Awards Committee of the International Association for the Study of Pain, and the *Réseau francophone pour l'amélioration de la qualité des soins de santé*, where I contribute to shaping research and policy directions in pain and quality improvement. I also serve as a member-at-large on the International Committee and as an associate member of the Research Committee of the Society of Trauma Nurses (USA).

I have further expanded her international reach through active collaboration with the Australian research group EQUIpping the General Public to Prevent and Overcome Chronic Pain. This group works with communities to co-design and evaluates an educational campaign on the science of pain, with the goal of improving health outcomes and access to care. In Europe, I recently visited the Clinical Investigation Centre, jointly operated by Grenoble Alpes University Hospital and Grenoble Alpes University (UGA), and established new ties with the Injury Prevention and Outcomes following Trauma research team at Oslo University Hospital in Norway. These initiatives are part of a broader effort to expand the scope of my work in geriatric trauma care and to consolidate international efforts for long-term data collection on trauma patients.

These strategic affiliations and collaborations bring together key interest holders involved in the care of vulnerable populations worldwide. By integrating international perspectives and expertise, I position myself as a central force in the transformation of healthcare delivery, with a strong emphasis on patient-, family-, and society-centered outcomes across care trajectories.

#### Improved ability of the institution to obtain additional research resources

Hiring of 7 Highly Qualified Personnel (HQP) since the beginning of her research career in 2019:

2025-	Giada Giorgini (full-time)
2022-2023	Virginie Deschênes (part-time)
2021-	Laurence Bourque (full-time)
2021-2022	Amal Khalfi (part-time)
2020-	Marc-Aurèle Gagnon (full-time)
2019-	Pier-Alexandre Tardif (part-time)
2019-2020	Oussama Salmane (part-time)

## 5. Training and supervision experience

Supervisory experience (†received a scholarship):

Student	Program	Period	Research project	# Articles
1-Imane Labzagui (Co-Supervisor)	MSc Clinical Epidemiology	2025/09-	Palliative approach to hip fractures in frail elderly patients – Current perceptions and clinical practices of physicians in Canada	-
2-Mickael Th�baud† (Supervisor)	MSc Nursing	2024/09-	Description of mental health practices in burn patients and avenues for improvement from the perspective of interested parties	1
3- Brinly Holt† (Supervisor)	MSc Nursing (professional)	2023/09-	Development of a mobilization protocol for frail patients with non-operated hip fracture	-
4-Fabian Severino† (Supervisor)	MSc Nursing	2022/09-2025-08	Evaluation of inter-hospital transfers of critically ill patients	3
5-Amal Khalfi† (Supervisor)	MSc Nursing	2022/01-	Description of mental health practices in trauma and avenues for improvement from the perspective of persons with lived experience	2
6-Alexandra Tremblay† (Supervisor)	MSc Nursing	2021/09-2024/05	Assessment of pain management practices in frail older adults with hip fractures receiving palliative care	3
7-Marie-�ve McGennis† (Supervisor)	MSc Nursing	2019/09-2025-08	Implementation of pain management strategies and adverse effects of analgesics in neurotrauma patients: A descriptive study	1
8-Anick Boivin† (Supervisor)	MSc Nursing	2019/09-2022/12	Selection of knowledge translation strategies for the implementation of nonpharmacological recommendations to prevent delirium in the ICU	1
9-Maryline Beaudoin† (Supervisor)	MSc Nursing	2019/09-2022/10	Level of implementation of pain management and early mobilization strategies to prevent delirium in geriatric trauma patients: a mixed-methods study	1
10-Sonia Grzelack† (Supervisor)	MSc Nursing	2019/09-2021/05	Implementation of pain management strategies and adverse effects of analgesics after orthopedic trauma: A Mixed-Methods Study with a View to Optimizing Practices	2
11-Abakar Idriss-Hassan† (Co-Supervisor)	MSc Epidemiology	2019/09-2021/05	Derivation and validation of actionable quality indicators targeting reductions in complications for injury admissions	1
12-Marc-Aur�le Gagnon (Co-Supervisor)	MSc Epidemiology	2019/09-2021/05	Low-value injury admissions in an integrated Canadian trauma system: a multicenter cohort study	6
13-Myriam Rivest (Co-Supervisor)	PhD Anthropology	2026/01-	From fragmented pathways to individual solutions: access to comprehensive mental and physical health care	-
14-Marylie Laberge-Sevigny† (Supervisor)	PhD Public/Community Health	2025/01-	Development of post-hospital follow-up strategies for survivors of traumatic injuries based on the evidence and the perspective of interested parties	2

15-Sandrine Linsotan <sup>†</sup> (Supervisor)	PhD Nursing	2025/01-	Selection of palliative care strategies to improve the management of pain in trauma patients	1
16-Matina Mwanack <sup>†</sup> (Supervisor)	PhD Public/ Community Health	2023/09-	Economic evaluation of follow-up interventions aimed at reducing pain and opioid use problems after discharge from hospital	2
17-Valérie Turcotte <sup>†</sup> (Supervisor)	PhD Public/ Community Health	2022/09-	Preventing physical injuries resulting from violence: identifying priorities based on the perspective of stakeholders	8
18-Ariane Sachetti <sup>†</sup> (Co-Supervisor)	PhD Health Sciences	2022/09- 2025/08	Development and feasibility assessment of a nurse practitioner homecare intervention aimed at improving the quality of life of people with chronic illnesses	3
19-Simon Ouellet <sup>†</sup> (Supervisor)	PhD Nursing	2020/09- 2026/03	Development and validation of an audit and feedback tool to measure the quality of nursing triage in the Emergency Department	5
20-Caroline Côté <sup>†</sup> (Supervisor)	PhD Nursing	2019/09-	Development and feasibility assessment of an adaptative support intervention aimed at preventing long-term, harmful opioid use in trauma patients	7
21-Ann Bosc <sup>†</sup> (Co-Supervisor)	PhD Nursing	2019/09-	Development of a support intervention to reduce the impact of the Post-Intensive Care Syndrome on caregivers	-
22-Diana Skaff (Supervisor)	Post-doctoral fellow	2026/01-	Development of quality indicators for the medical emergency response in disaster settings	1
23-Tassia Macedo <sup>†</sup> (Supervisor)	Post-doctoral fellow	2025/12-	Assessment of interested parties' needs and preferences for improving mental health practices in patients with traumatic brain injury	2
24-Alexandra Lapierre <sup>†</sup> (Co-Supervisor)	Post-doctoral trainee	2023/09- 2025/09	Development of quality indicators on interprofessional collaboration in trauma	6

Supervisory experience for research internship: Céline Szczepaniak (Université Libre de Bruxelles-2023), Laura Labbé (University of Ottawa-2021), Sara Cloutier (Université Laval-2021)

## 6. Other contributions

### Recognitions

2025/03	Best oral presentation: Towards improving the mental health of individuals with traumatic injuries: A systematic review of practice guidelines. Trauma Association of Canada annual meeting
2024/09	Peer reviewer excellence CIHR's College of reviewers-Project grant competition
2022/09	Peer reviewer excellence CIHR's College of reviewers-Project grant competition
2022/06	Best scientific poster award – Polytrauma, lower limb injuries, varia: Pain Management Strategies Following Orthopaedic Trauma: A Mixed-Methods Study with a View to Optimizing Practices European Federation of National Associations of Orthopaedic and Traumatology annual meeting
2022/06	Best scientific poster award: Selection of knowledge translation strategies for the non-pharmacological prevention of delirium in the intensive care unit American Delirium Association annual meeting
2022/04	Best oral presentation: Strategies to prevent long-term opioid use following trauma: A Canadian practice survey Trauma Association of Canada annual meeting
2021/11	First place - Gather, Achieve and Reach research competition - 20 000 CAD Quebec Pain Research Network Title: Success in pain management: Identifying pivotal moments and the support needed to make them happen.
2021/11	Early Career Researcher of the year 2021 Université Laval
2019/5	1 <sup>st</sup> place - Post-doctoral fellowship award – 50 000 CAD Fonds de recherche du Québec - Santé (FRQS)
2019/2	Best scientific poster award: Implementation of best practice guidelines on geriatric trauma management: A Canadian perspective - 500 CAD Trauma Association of Canada annual meeting
2018/5	Travel award to attend the Canadian Student Health Research Forum - 1 000 CAD Canadian Institutes of Health Research
2018/4	Top 5% doctoral students in health sciences McGill University
2018/2	First place – Dragon Den's competition – 10 000 CAD Trauma Association of Canada Title: Tapering Opioid Prescription Program for Trauma Patients (TOPP-Trauma)
2016/11	Nursing leader: Montréal-Laval region Order of Nurses of Quebec
2014/11	Gilles-Hudon excellence award. This award aimed at honoring exceptional individuals or acknowledging innovative projects that contributed to improve care safety <i>Fédération des médecins spécialistes du Québec</i>

2014/9 - 2017/8	Elileen Peters award. This award is given to students pursuing graduate studies in the McGill Faculty of Medicine/School of Nursing based on demonstrated academic abilities and the potential for leadership in the profession. 36 000 CAD McGill University
2014/5 - 2015/4	1 <sup>st</sup> place - Doctoral fellowship award – 40 000 CAD <i>Fonds de recherche du Québec - Santé (FRQS)</i>
2013/9 - 2014/5	Graduate Student Excellence Fellowship award in recognition of academic excellence in the PhD Nursing program at McGill University – 40 000 CAD McGill University
2013/6	40 <sup>th</sup> University of Montreal affiliation anniversary celebration - recognition of a nurse who has significantly contributed to research activities <i>Hôpital du Sacré-Cœur de Montréal</i>
2012/9 - 2013/9	Graduate Student Excellence Fellowship in recognition of academic excellence at the admission in the PhD Nursing program at McGill University – 40 000 CAD McGill University
2011/11	Emilie Gamelin prize given annually to a health professional, who, by her/his commitment, has significantly contributed to the organization <i>Hôpital du Sacré-Coeur de Montréal</i>
2009/5	Human Resources Initiative prize for the Nursing Critical Care Residency program - 5 000 CAD <i>Association Québécoise des établissements en services de santé et des services sociaux</i>
2006/9	Study grant award for the post-master's acute care nurse practitioner program - 8 000 CAD <i>Hôpital du Sacré-Coeur de Montréal</i>
2005/5	Florence distinction attributed to recognize the exceptional contribution of a young nurse who stood out in her studies and her work, while having a positive influence on her peers Order of Nurses of Quebec
2001/11	Academic performance prize. Master's of science program. - 500 CAD <i>Université de Montréal</i>
1999/11	Alice Girard prize. Academic performance, undergraduate studies in nursing. <i>Université de Montréal</i>
1998/9	Undergraduate studies award – 3 000 CAD Order of Nurses of Quebec

#### Article evaluation:

Age & Ageing (3); Annals of Surgery (2); BMJ Open (7); Canadian Journal of Anesthesia (3); Canadian Medical Association Journal (2); Critical Care (2); European Journal of Pain (1); Implementation Science (4); Journal of Evaluation in Clinical Practice (2); Journal of Medical Internet Research (5); Journal of Pain (3); Journal of Pain Research (4); MethodsX (2); Nursing Research & Health (2); Orthopaedics & Traumatology: Surgery & Research (3); Pain Management (3); Physical Medicine & Rehabilitation: The journal of injury, function and rehabilitation (5); Pilot & Feasibility Studies (3); Physical Therapy (1); Psychology, Health & Medicine (2); Scientific Reports (1); Systematic Reviews (4); Value in Health (3)

#### Conference and professional development sessions:

- Co-Director, Scientific program of the Trauma Association of Canada annual meeting (2025-ongoing)
- Trauma-Informed Care: Moderator of the Nursing Stream, Trauma Association of Canada (2024)
- Canadian Collaborative Mental Health Care conference: Moderator-Learning systems session (2023)
- TAC conference: Co-chair of the scientific committee-interdisciplinary stream (2022-2023)
- ITNC: Co-chair of the seminar on advanced nursing practice in trauma (2023)
- Interprofessional trauma conference: Member of the scientific committee (2006-2018)

- Pre-conference day of the ITNC: Member of the scientific committee (2018-ongoing)
- TAC conference: Moderator-Research abstracts and Trauma team activation sessions (2019, 2022)
- Traumatologie Défi annual conference: Member of the scientific committee (2019-ongoing)
- Université Laval – Tri-faculty educational session on pharmacotherapy: Co-chair of the organizing committee for the event “Interprofessional collaboration for judicious use of opioids” (2022)

#### Committee memberships:

- Society of Trauma Nurse: Associate member of the research committee (2025-ongoing)
- Society of Trauma Nurses: Member at large of the International committee (2025-ongoing)
- International Association for the Study on Pain: Reviewer for the grants and awards committee (2025-ongoing)
- CIHR: Reviewer for post-doctoral scholarships (2025)
- CIHR: College of reviewers (Project Grant Program) Health Services Evaluation & Intervention Research committee (2021-2023) and Knowledge Translation Research committee (2020, 2021, 2023, 2024)
- New Frontiers in Research Fund/Tri-Agency Institutional Programs: Reviewer for the Multidisciplinary and Multisectorial review panel (2022, 2023, 2024, 2025)
- CIHR: Reviewer -Research Chair in Sex and Gender Sciences (2020)
- FRQS: Reviewer for post-doctoral scholarships (2021, 2022, 2023, 2024)
- Centre d’expertise/Brûlures graves de l’Ouest du Québec: Reviewer for research grants (2020-2022)
- McGill University, School of Nursing: Reviewer for collaborative research grants (2020-2022)
- QPRN : Co-Director, Consortium on Treatment Effectiveness and Safety (2024-ongoing)
- ITNC: President (2023-2025)
- TAC: Member of the board of Directors (2023-ongoing)
- Canadian Pain Society: Member for the committee on the Person with lived experience award (2023)
- Centre de recherche du CHU de Québec: Member of the committee on the recruitment of high-performing students (2023-ongoing)
- Canadian Pain Society: Member of the EDI committee (2022-ongoing)
- Réseau Québécois de recherche en Soins Palliatifs et de Fin de Vie: Reviewer- masters and doctoral scholarships (2019)
- CHU de Québec-Université Laval: Member of the Nursing Council (2019-2023)
- ITNC: Member of the executive board and President elect (2017-2022)
- Quebec Ministry of Health: Member of the committee on trauma registry indicators (2018-2020, 2023)
- Quebec Network on Nursing Intervention Research: Member (2012-ongoing)
- QPRN: Director of the Initiative on the adverse effects of analgesics (2020-2023)
- QPRN: Member of scientific committee of the Initiative on judicious use of opioids (2019-2023)
- Quebec Population Health Research Network: Member (2022-ongoing)
- Réseau Québécois de recherche en Soins Palliatifs et de Fin de Vie : Member (2022-ongoing)

#### Consulting activities:

- Health Standards Organization (HSO) Spinal Cord Injury Technical Committee: Clinical Expert for the development of Canadian Health standards (2021-2023)
- Tory Trauma Program – Sunnybrook Health Sciences Centre: Expert for the development of a Core outcome set to Evaluate Bite Blocks/Props in the Intensive Care Unit (2023)
- Trauma British Columbia: Expert for the development of a competency framework for nurses working in trauma systems (2023)
- University Hospitals Birmingham NHS Foundation Trust: Expert for the development of patient-centred textbook outcomes for emergency surgery and trauma (2022-2023)
- CISSS Chaudière-Appalaches : Expert for a consensus study on improvement of emergency regional trauma services (2019)
- Oxford Major Trauma Center, UK: Adaptation of iPACT-E-Trauma to improve pain management self-management skills in patients consulting the trauma outpatient clinic (2019-2020)
- CHU de Québec: Expert for a consensus study on geriatric trauma in the emergency (2019)

- FRQS: Consortium pour le développement de la recherche en trauma: Expert for the development of the strategic plan (2012-2016)
- Ontario Neurotrauma Foundation: Expert for the development of guidelines on the rehabilitation of patients with moderate and severe traumatic brain injury (2014-2016, 2022-ongoing)
- Institut national d'excellence en santé et services sociaux: Expert for the provincial trauma quality assurance program (2011-ongoing)

Knowledge translation:

- American Spinal Injury Association: Expert for the development of a e-health module for healthcare professionals on the management of pain following spinal cord injury (2020-2021)
- Managing Pain in Collaboration in the Intensive Care Unit project: Expert for the development on best practices e-learning modules for health care professionals (2018-2022)
- QPRN: Popularized publication-Psychological interventions for the prevention of chronic pain (2022)