

<b>McGill SPOT 2021 Reported Research Faculty Publications</b>
Duclos, C., Maschke, C., Mahdid, Y., Berkun, K., Da Silva Castanheira, J., Tarnal, V., Picton, P., Vanini, G., Golmirzaie, G., Janke, E., Avidan, M., Kelz, M., Liuzzi, L., Brookes, M., Mashour, G. & Blain-Moraes, S.* (2021) "Differential classification of states of consciousness using envelope- and phase-based functional connectivity". <i>NeuroImage</i> . 237:118171 Doi:10.1016/j.neuroimage.2021.118171.
Motta-Ochoa, R., Leibing, A., Bresba, P.°, William, M.°, Shaffer, S.°, Julien, O.°, Racine, E. & Blain-Moraes, S.* (2021) "You're Part of Us and We're Happy to Have You Here": Practices of Social Inclusion in a Community-Based Organization for Persons with Dementia". <i>Clinical Gerontology</i> . 44(4): 471-480. Doi.org/10.1080/07317115.2021.1891170
Motta-Ochoa, R., Incio-Serra, N. §, Frantz, A.§ & Blain-Moraes, S.* (2021) "Enacting agency: Movement, dementia and interaction". <i>Arts and Health</i> . doi.org/10.1080/17533015.2021.1894464
Gaid, D., Ahmed, S., Thomas, A., & Bussières, A. (2020). Profiling Knowledge Brokers in the Rehabilitation sector across Canada: A descriptive study.
Zomahoun, H. T. V., Visca, R., George, N., & Ahmed, S. (2021). Effectiveness and harms of clinical decision support systems for referral within chronic pain practice: protocol for a systematic review and meta-analysis. <i>Systematic reviews</i> , 10(1), 1-7.
Rajabiyazdi F, Alam R, Pal A, Montanez J, Law S, Pecorelli N, Watanabe Y, Chiavegato LD, Falconi M, Hirano S, Mayo NE, Lee L, Feldman LS, Fiore JF Jr. Understanding the Meaning of Recovery to Patients Undergoing Abdominal Surgery. <i>JAMA Surg</i> . 2021 Aug 1;156(8):758-765. doi: 10.1001/jamasurg.2021.1557. PubMed PMID: 33978692; PubMed Central PMCID: PMC8117063.
Duclos, C. §, Nadin, D. §, Mahdid, Y., Tarnal, V., Picton, P., Vanini, G., Golmirzaie, G., Janke, E., Avidan, M.S., Kelz, M.B., Mashour, G.A. & Blain-Moraes, S.* (2021) "Brain network motifs are markers of loss and recovery of consciousness". <i>Scientific Reports</i> . 11:3892. doi.org/10.1038/s41598-021-83482-9.
Motta-Ochoa, R. §, Incio-Serra, N. §, Boulet, A.°, Fu, D., Frantz, A., Williams, M. & Blain-Moraes, S.* (2021) "Mouvement de passage: Creating connections through movement among persons with dementia". <i>Dementia</i> . 20(7): 2573-2596. Doi.org/10.1177/14713012211004009.
Huels, E., Kim, H., Lee, U., Bel-Behar, T., Colmenero, A., Nelson, A., Blain-Moraes, S., Mashour, G.A., Harris, R.E.* (2021) "Neural correlates of the shamanic state of consciousness". <i>Frontiers in Human Neuroscience</i> . Doi:10.3389/fnhum.2021.610466
Rokos, A., Mah, R., Boshra, R., Harrison, A., Choy, T.L., Blain-Moraes, S.* § & Connolly, J.F. § "Eliciting and recording event related potentials (ERPs) in behaviorally unresponsive populations: a reflective commentary on critical factors". <i>Brain Sciences</i> . Doi:10.3390/brainsci11070835.
Mashour, G.A.* , Palanca, B., Basner, M., Li, D., Maier, K., Wang, W., Blain-Moraes, S., Lin, N., Muench, M., Tarnal, V., Vanini, G., Ochroch, E., Schwartz, M., Maybrier, H., Hardie, R., Janke, E., Golmirzaie, G., Picton, P., McKinstry-Wu, A., Avidan, M.S. § & Kelz, M.B. §. (2021) "Recovery of consciousness and cognition after general anesthesia in humans". <i>eLIFE</i> . Doi:10.7554/eLife.59525.
Lewandowski, A.J., Raman, B., Bertagnolli, M., Mohamed, A., Williamson, W., Pelado, J.L., McCance, A., Lapidaire, W., Neubauer, S., & Leeson, P. (2021). Association of Preterm Birth With Myocardial Fibrosis and Diastolic Dysfunction in Young Adulthood. <i>Journal of the American College of Cardiology (JACC)</i> . 78(7):683-692.
Azinheira Nobrega Cruz, N., Stoll, D., Casarini, D.E., & Bertagnolli, M. (2021). Role of ACE2 in pregnancy and potential implications for COVID-19 susceptibility. <i>Clinical Science</i> . 135(15):1805-1824.
Huckstep, O.J., Burchert, H., Williamson, W., Telles, F., Tan, C.M.J., Bertagnolli, M., Arnold, L., Mohamed, A., McCormick, K., Hanssen, H., Leeson, P., & Lewandowski, A.J. (2021). Impaired myocardial reserve underlies reduced exercise capacity and heart rate recovery in preterm-born young adults. <i>European Heart Journal Cardiovascular Imaging</i> . 22(5):572-580.
Jama, H.A., Muralitharan, R.R., Xu, C., O'Donnell, J.A., Bertagnolli, M., Broughton, B.R.S., Head, G.A., Marques, F.Z. (2021). Rodent models of hypertension. <i>British Journal of Pharmacology</i> . Online ahead of print.

Benizri, N., Marc, C., Achille, A., Raguema, N., Pepin, É., Lavoie, J.L., & Bertagnolli, M. (2021). Ultrasound imaging of remodeling in fetal mouse heart and the programming of cardiomyopathy in offspring of superimposed preeclampsia. <i>Hypertension</i> , 77(5):e47-e49.
Tan, C.M.J., Lewandowski, A.J., Williamson, W., Huckstep, O.J., Yu, G.Z., Fischer, R., Simon, J.N., Alsharqi, M., Mohamed, A., Leeson, P., & Bertagnolli, M. (2021). Proteomic signature of dysfunctional circulating endothelial colony-forming cells of young adults. <i>Journal of the American Heart Association</i> . e021119.
KHANAFER S., SVEISTRUP H., LEVIN M.F., CRESSMAN E.K. (2021). Age related changes in upper limb coordination in a complex reaching task. <i>Experimental Brain Research</i> , 239(7):2285-2294.
FRENKEL-TOLEDO S., SOLOMON J.S., BANIÑA M.C., BERMAN B., SOROKER N., LIEBERMANN D.G., LEVIN, M.F. (2021). Tonic stretch reflex threshold as a measure of spasticity after stroke: Reliability, minimal detectable change and responsiveness. <i>Clinical Neurophysiology</i> . 132(6):1226-1233.
FELDMAN A.G., LEVIN M.F., GAROFOLINI A., PISCITELLI D., ZHANG L. (2021). CPG and human locomotion in the context of indirect, referent control of motor actions. <i>Clinical Neurophysiology</i> , 132(11):2879-2889.
ANABY D., RYAN M., PALISANO R.J., LEVIN M.F., GORTER J.W., AVERY L., CORMIER I., TEPLICKY R., COULTER J., HANES J. (2021) Participation during a Pandemic: Forging New Pathways. <i>Physical and Occupational Therapy in Pediatrics</i> , 41(2):115-119.
MOLAD R., ALOUCHE S.R., DEMERS M., LEVIN M.F. (2021). Development of a comprehensive outcome measure for motor coordination: Step 2: reliability and construct validity in chronic stroke patients. <i>Neurorehabilitation and Neural Repair</i> , 35(2):194-203.
ALOUCHE S.R., MOLAD R., DEMERS M., LEVIN M.F. (2021). Development of a comprehensive outcome measure for motor coordination: Step 1: three phase content validity process. <i>Neurorehabilitation and Neural Repair</i> , 35(2):185-193.
MULLICK A.A., BANIÑA M.C., TOMITA Y., FUNG J., LEVIN M.F. (2021). Motor-cognitive interaction during reaching from standing in patients with mild chronic stroke. <i>Neurorehabilitation and Neural Repair</i> , 35(10):915-928.
HASANBARANI F., PIQUÉ-BATALLA M.A, FELDMAN A.G., LEVIN M.F. (2021) Mild stroke affects pointing movements made in different frames of reference. <i>Neurorehabilitation and Neural Repair</i> , 35(3):207-219.
NOROUZI-GHEIDARI N., ARCHAMBAULT P.S., MONTE-SILVA K., KAIRY D., SVEISTRUP H., TRIVINO M., LEVIN M.F. MILOT M.H. (2021). Feasibility and effectiveness of a combined virtual reality, robotics and electrical stimulation intervention in upper extremity stroke rehabilitation. <i>Journal of Neuroengineering and Rehabilitation</i> , 18(1):61.
LACKRITZ H., PARMET Y., FRENKEL-TOLEDO S., BANINA M.C., SOROKER N., SOLOMON J.M., LIEBERMANN D.G., LEVIN M.F., BERMAN S. (2021). Effect of post-stroke spasticity on voluntary movement of the upper limb. <i>Journal of Neuroengineering and Rehabilitation</i> , 18(1):81.
Joshi, H. B., Cybis, W., Kehayia, E., Archambault, P.S., & Lamontagne, A. (2021). Gaze behavior during pedestrian interactions in a community environment: a real-world perspective. <i>Experimental Brain Research</i> , 239(7), 2317-2330. doi: 10.1007/s00221-021-06145-1
Lebrasseur, A., Lettre, J., Routhier, F., Archambault, P. S., & Campeau-Lecours, A. . (2021). Assistive robotic arm: Evaluation of the performance of intelligent algorithms. <i>Assistive Technology</i> , 33(2), 95-104. doi: 10.1080/10400435.2019.1601649
Gefen, N., Rigbi, A., Archambault, P.S., & Weiss, P. L. (2021). Comparing children's driving abilities in physical and virtual environments. <i>Disabil Rehabil Assist Technol</i> , 16(6), 653-660. doi: 10.1080/17483107.2019.1693644
Sorrento, G., Archambault, P.S., & Fung, J. (2021). Walking with robot-generated haptic forces in a virtual environment: a new approach to analyze lower limb coordination. <i>Journal of NeuroEngineering and Rehabilitation</i> , 18, 136.

Norouzi-Gheidari, N., Archambault, P.S., Monte-Silva, K., Kairy, D., Sveistrup, H., Trivino, M., . . . Milot, M.H. (2021). Feasibility and preliminary efficacy of a combined virtual reality, robotics and electrical stimulation intervention in upper extremity stroke rehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 18, 61.
Yan, H., & Archambault, P.S. (2021 ). Augmented Feedback for Manual Wheelchair Propulsion Technique Training in a Virtual Reality Simulator. <i>Journal of NeuroEngineering and Rehabilitation</i> , 18, 142. doi: 10.1186/s12984-021-00936-x
Filiatrault, J. F., Boucher, N., Archambault, P., Croteau, C., Gélinas, I., Le Bouëdec, M., & Garcia, V. (2021). Training, Use and Experience of Regular Collective Transport in Montréal by Peoples With Motor Functional Limitations. <i>Canadian Journal of Disability Studies</i> , 10(3), 196-224. doi: 10.15353/cjds.v10i3.822
Allegue, D. R., Kairy, D., Higgins, J., Archambault, P.S., Michaud, F., Miller, W., . . . Tousignant, M. (2021). A personalized home-based rehabilitation program using exergames combined with a telerehabilitation application in a chronic stroke survivor: a mixed-methods case study. <i>JMIR Serious Games</i> , 31(9), 3. doi: 10.2196/26153
Wang, N., Christen, M., & Hunt, M. (2021). Ethical Considerations Associated with "Humanitarian Drones": A Scoping Literature Review. <i>Science and engineering ethics</i> , 27(4), 1-21.
Hunt, M., Clarke, S., & Lencucha, R. (2021). When a patient's choices entail risks for others: third-party risks, relational ethics, and responsibilities of rehabilitation professionals. <i>Disability and rehabilitation</i> , 43(6), 870-876.
Hunt, M., Ponnusamy, R., Goulet, A., Anthonypillai, C., Muthukaruppan, S. S., Bharathwaj, A., ... & Krishna, D. (2021). An integrated knowledge translation project to develop, implement, and evaluate a train-the-trainer program at a community rehabilitation program in Tamil Nadu, India. <i>Disability and rehabilitation</i> , 43(26), 3868-3877.
Nouvet, E., Bezanson, K., Hunt, M., Kouyaté, S., Schwartz, L., Diallo, F. B., ... & Diallo, P. (2021). Dying in honour: experiences of end-of-life palliative care during the 2013-2016 Ebola outbreak in Guinea. <i>Journal of International Humanitarian Action</i> , 6(1), 1-17.
Orozco, T., Laliberté, M., Mazer, B., Hunt, M., Williams-Jones, B., & Feldman, D. E. (2021). Making Decisions about Service Provision for Clients with Low Back Pain: Perspectives of Canadian Physiotherapy Professionals. <i>Physiotherapy Canada</i> , 73(1), 47-55.
Tao, L. X., Carboni-Jimenez, A., Turner, K. A., Ostbo, N., Aguila, K., Boruff, J., ... & Kwakkenbos, L. (2021). Perceived barriers and facilitators of using synchronous telerehabilitation of physical and occupational therapy in musculoskeletal disorders: A scoping review.
Janaudis-Ferreira, T., Harrison, S. L., Ahmed, S., Bourbeau, J., Goodridge, D., Vasiliadis, H. M., ... & Wald, J. (2021). Canadian consensus recommendations for a research agenda in pulmonary rehabilitation post-acute exacerbation of COPD: a meeting report. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , 5(1), 43-50.
Gaid, D., Ahmed, S., Alhasani, R., Thomas, A., & Bussièrès, A. (2021). Determinants that influence knowledge brokers' and opinion leaders' role to close knowledge practice gaps in rehabilitation: a realist review. <i>Journal of Evaluation in Clinical Practice</i> , 27(4), 836-846.
Ahmed, S., Zidarov, D., Eilayyan, O., & Visca, R. (2021). Prospective application of implementation science theories and frameworks to inform use of PROMs in routine clinical care within an integrated pain network. <i>Quality of Life Research</i> , 30(11), 3035-3047.
Alhasani, R., Radman, D., Auger, C., Lamontagne, A., & Ahmed, S. (2021). Clinicians and individuals with acquired brain injury perspectives about factors that influence mobility: creating a core set of mobility domains among individuals with acquired brain injury. <i>Annals of medicine</i> , 53(1), 2365-2379.
AlKhalidi, M., James, N., Chattu, V.K. et al. Rethinking and strengthening the Global Health Diplomacy through triangulated nexus between policy makers, scientists and the community in light of COVID-19 global crisis. <i>glob health res policy</i> 6, 12 (2021)

Engler K, Vicente S, Ma Y, Hijal T, Cox J, Ahmed S, Klein M, Achiche S, Pant Pai N, de Pokomandy A, Lacombe K, Lebouché B. Implementation of an electronic patient-reported measure of barriers to antiretroviral therapy adherence with the Opal patient portal: Protocol for a mixed method type 3 hybrid pilot study at a large Montreal HIV clinic. PLoS One. 2021 Dec 30;16(12):e0261006. doi: 10.1371/journal.pone.0261006. PMID: 34969046; PMCID: PMC8717992
Eilayyan, O., Thomas, A., Hallé, M. C., Tibbles, A. C., Jacobs, C., Ahmed, S., ... & Bussieres, A. (2022). Promoting the use of a self-management strategy among novice chiropractors treating individuals with spine pain: A mixed methods pilot clustered-clinical trial. PloS one, 17(1), e0262825.
Alkhalidi, M., Al Basuoni, A., Matos, M., Tanner, M., & Ahmed, S. (2021). Health Technology Assessment in High, Middle, and Low-income Countries: New Systematic and Interdisciplinary Approach For Sound Informed-policy Making: Research Protocole. Risk Management and Healthcare Policy, 14, 2757.
Cachecho, S., Boruff, J., Wong, T., Lacombe, F., & Dahan-Oliel, N. (2021). Psychosocial wellbeing among children and adults with arthrogyryposis: a scoping review. Health and quality of life outcomes, 19(1), 263. <a href="https://doi.org/10.1186/s12955-021-01896-5">https://doi.org/10.1186/s12955-021-01896-5</a>
Chhina, H., Klassen, A. F., Kopec, J. A., Oliffe, J., Iobst, C., Dahan-Oliel, N., Aggarwal, A., Nunn, T., & Cooper, A. P. (2021). What matters to children with lower limb deformities: an international qualitative study guiding the development of a new patient-reported outcome measure. Journal of patient-reported outcomes, 5(1), 30.
Lambert, G., Alos, N., Bernier, P., Laverdière, C., Kairy, D., Drummond, K., Dahan-Oliel, N., Lemay, M., & Veilleux, L. N. (2021). Home-Based Telehealth Exercise Intervention in Early-On Survivors of Childhood Acute Lymphoblastic Leukemia: Feasibility Study. JMIR cancer, 7(2), e25569.
Gagnon, M., Marino Merlo, G., Yap, R., Collins, J., Elfassy, C., Sawatzky, B., Marsh, J., Hamdy, R., Veilleux, L. N., & Dahan-Oliel, N. (2021). Using Telerehabilitation to Deliver a Home Exercise Program to Youth With Arthrogyryposis: Single Cohort Pilot Study. Journal of medical Internet research, 23(7), e27064.
Latypova X, Creadore SG, Dahan-Oliel N, Gustafson AG, Wei-Hung Hwang S, Bedard T, Shazand K, van Bosse HJP, Giampietro PF, Dieterich K. (2021). A Genomic Approach to Delineating the Occurrence of Scoliosis in Arthrogyryposis Multiplex Congenita. Genes (Basel);12(7):1052.
Dahan-Oliel N, Dieterich K, Rauch F, Bardai G, Blondell TN, Gustafson AG, Hamdy R, Latypova X, Shazand K, Giampietro PF, van Bosse H. (2021). The Clinical and Genotypic Spectrum of Scoliosis in Multiple Pterygium Syndrome: A Case Series on 12 Children. Genes (Basel);12(8):1220.
Lambert, G., Alos, N., Bernier, P., Laverdière, C., Drummond, K., Dahan-Oliel, N., Lemay, M., Veilleux, L. N., & Kairy, D. (2021). Patient and Parent Experiences with Group Telerehabilitation for Child Survivors of Acute Lymphoblastic Leukemia. International journal of environmental research and public health, 18(7), 3610.
Leemans, L., Elma, O., Nijs, J., Wideman, T.H., Siffain, C., den Bandt, H., Van Laere, S., Beckwée, D. (2021). Transcutaneous electrical nerve stimulation and heat to reduce pain in a chronic low back pain population: a randomized controlled clinical trial. Brazilian Journal of Physical Therapy, 25(1), 86-96.
Woznowski-Vu, A., Aternali, A., Gervais, A., Pavilanis, A., Nijs, J., Sullivan, M., Wideman, T.H. (2021). The prospective prognostic value of biopsychosocial indices of sensitivity to physical activity among people with back pain. Clin J Pain, 37(10), 719-729.
Uddin, Z., Woznowski-Vu, A., Flegg, D., Aternali, A., Wideman, T.H. (2021). A cumulative impact of psychological and sensitization risk factors on pain-related outcomes. Pain Pract, 21(5), 523-535.
Meilloux, C., Beaulieu, L., Wideman, T.H., Massé-Alarie, H. (2021). Within-session test-retest reliability of pressure pain threshold and mechanical temporal summation in healthy subjects. PLoS ONE, 16(1), e0245278.
Vader, K., Bostick, G., Carlesso, L., Hunter, J., Mesaroli, G., Perreault, K., Tousignant-Laflamme, Y., Tupper, S., Walton, D., Wideman, T.H., Miller, J. (2021). The revised IASP definition of pain and accompanying notes: Considerations for the physiotherapy profession. Physiother Can, 73(2), 103-106.

Vader, K., Bostick, G., Carlesso, L., Hunter, J., Mesaroli, G., Perreault, K., Tousignant-Laflamme, Y., Tupper, S., Walton, D., Wideman, T.H., Miller, J. (2021). La définition révisé de la douleur de d'IASP et les notes complémentaires: les considerations pour la profession de la physiothérapie. <i>Physiother Can</i> , 73(2), 106-109.
Edwards, J. D., Black, S. E., Boe, S., Boyd, L., Chaves, A., Chen, R., Dukelow, S., Fung, J., Kirton, A., Meltzer, J., Moussavi, Z., Neva, J., Paquette, C., Ploughman, M., Pooyania, S., Rajji, T. K., Roig, M., Tremblay, F., & Thiel, A. (2021). Canadian Platform for Trials in Noninvasive Brain Stimulation (CanStim) Consensus Recommendations for Repetitive Transcranial Magnetic Stimulation in Upper Extremity Motor Stroke Rehabilitation Trials. <i>Neurorehabilitation and neural repair</i> , 35(2), 103-116.
Mullick, A. A., Baniña, M. C., Tomita, Y., Fung, J., & Levin, M. F. (2021). Obstacle Avoidance and Dual-Tasking During Reaching While Standing in Patients With Mild Chronic Stroke. <i>Neurorehabilitation and neural repair</i> , 35(10), 915-928.
Langlois J Vincent-Toskin S Duchesne P Soares de Vilhena B Shashoua D Calva V de Oliveira A Nedelec B Fear-avoidance beliefs and behaviors of burn survivors: a mixed methods approach. <i>Burns</i> 47(1):175-189, 2021
Robillard AS Gane C Royea C Lacasse L Calva V de Oliveira A Nedelec B Cross-cultural translation, adaptation and validation of the Burnt Hand Outcome Tool (BHOT) from English to French Canadian. <i>Burns</i> 47(10):175-189, 2021
Edger-Lacoursière Z Nedelec B Marois-Pagé E de Oliveira A Couture MA Calva V Correa JA Systematic Quantification of Hypertrophic Scar in Adult Burn Survivors. <i>European Burn Journal</i> , 2(3), 88-105, 2021
Teel, E. F., Caron, J. G., & Gagnon, I. J. (2022). Higher parental stress is significantly related to longer clinical recovery times in concussed children: A mixed-methods study. <i>Journal of science and medicine in sport</i> , 25(2), 108-114.
Crampton, A., Teel, E., Chevignard, M., & Gagnon, I. (2021). Vestibular-ocular reflex dysfunction following mild traumatic brain injury: A narrative review. <i>Neurochirurgie</i> , 67(3), 231-237
Sorek, G., Katz-Leurer, M., Gagnon, I., Chevignard, M., Stern, N., Fadida, Y., Kalderon, L., Shaklai, S. & Schneider, K. (2021). The development and the inter-rater agreement of a treatment protocol for vestibular/oculomotor rehabilitation in children and adolescents post-moderate-severe TBI. <i>Brain Injury</i> , 1-10.
Caplan, B., Bogner, J., Brenner, L., Malec, J., Alarie, C., Gagnon, I., ... & Swaine, B. (2021). Physical Activity Interventions for Individuals With a Mild Traumatic Brain Injury:: A Scoping Review. <i>Journal of head trauma rehabilitation</i> , 36(3), 205-223.
Çinar, E., Grilli, L., Friedman, D., & Gagnon, I. (2021). Tracking postural stability of children and adolescents after a concussion: sport-related versus non-sport-related concussion. <i>Turkish journal of pediatrics</i> , 63(3).
Alarie, C., Gagnon, I., Gagnon, S., Gendron, D., Girard, C., Maranda-Lévesque, X., & Swaine, B. (2021). Physical Activity Interventions in Rehabilitation Programs for Outpatients With Mild Traumatic Brain Injury. <i>Research Quarterly for Exercise and Sport</i> , 1-10.
Ledoux, A. A., Tang, K., Gagnon, I., Osmond, M. H., Yeates, K. O., Healey, K., ... & Pediatric Emergency Research Canada (PERC) Concussion Team. (2021). Association between preinjury symptoms and postconcussion symptoms at 4 weeks in youth. <i>The Journal of Head Trauma Rehabilitation</i> . April 30
Dupont, D., Beaudoin, C., Désiré, N., Tran, M., Gagnon, I., & Beauchamp, M. H. (2021). Report of Early Childhood Traumatic Injury Observations & Symptoms: Preliminary Validation of an Observational Measure of Postconcussive Symptoms. <i>The Journal of Head Trauma Rehabilitation</i> . April 30
Osmanliu, E., Gagnon, I., Weber, S., Bach, C. Q., Turnbull, J., & Seguin, J. (2021). The Waiting Room Assessment to Virtual Emergency Department pathway: Initiating video-based telemedicine in the pediatric emergency department. <i>Journal of telemedicine and telecare</i> . Oct 12 1357633X211044038.
Romeas, T., Greffou, S., Allard, R., Forget, R., McKerral, M., Faubert, J., & Gagnon, I. (2021). Dynamic visual stimulations produced in a controlled virtual reality environment reveals long-lasting postural deficits in children with mild traumatic brain injury. <i>Frontiers in neurology</i> , 12.

Cinar E, Saxena S, McFadyen BJ, Lamontagne A, Gagnon I. (2021). A Prediction Model of Multiple Resource Theory for Dual-Task Walking (Epub: Oct 26, 2021). <i>Theoretical Issues in Ergonomics Science</i> . 1-24.
Deblock-Bellamy A, Lamontagne A, Blanchette AK. (2021). Virtual reality-based assessment of cognitive-locomotor interference in healthy young adults. <i>Journal of Neuroengineering and rehabilitation</i> . 18(53): 1-10.
Keshner E, Lamontagne A (2021). The Untapped Potential of Virtual Reality in Rehabilitation of Balance and Gait in Neurological Disorders. <i>Front Virtual Real</i> . 2021 March ; 2: . doi:10.3389/frvir.2021.641650.
Ghai S, Dal Maso F, Ogourtsova T, Porxas AX, Villeneuve M, Penhune V, Boudrias MH, Baillet S, Lamontagne A. (2021). Neurophysiological changes induced by music supported therapy for recovering upper-extremity function after stroke: A case series. <i>Brain Sciences</i> . 5(11): 1-15.
Dannenbaum E, Begin CL, Daigneault-Bourgeois E, Kwon Pak Yin N, Laferrière-Trudeau C, Mazer B, Moreau V, Salvo L, Villeneuve M, Lamontagne A. (2022). Feasibility and preliminary effects of a 1-week vestibular rehabilitation day camp in children with DCD (online ahead of print). <i>Physical &amp; Occupational Therapy in Pediatrics</i> . Epub May 26 2021: 1-18.
Thomas, A. & Bussi�eres, A. (2021). Leveraging Knowledge Translation and Implementation Science in the Pursuit of Evidence Informed Health Professions Education. <i>Advances in Health Sciences Education</i> .
Halle, M.C., Bussi�eres, A., Asseraf-Pasin, L., Storr, C., Mak, S., Root, K., & Thomas, A. (2021). Building evidence-based practice competencies among rehabilitation students: A qualitative exploration of faculty and preceptors' perspectives. <i>Advances in Health Sciences Education</i> , 26(4), 1311-1338.
Thomas, A., Chin-Yee, B., & Mercuri, M. Thirty years of teaching evidence-based medicine: have we been getting it all wrong? Published online in <i>Advances in Health Sciences Education</i> on September 24th, 2021.
Thomas, A., & Ellaway, R. (2021). Rethinking Implementation Science for Health Professional Education: A manifesto for change. <i>Perspectives on Medical Education</i> , 10(6):362-368.
Rochette, A., Roberge-Dao, J., Roche, L., Kehayia, E., M�enard, L., Robin, J-P., Sauv�e, M., Shikako-Thomas, K., St-Onge, M., Swaine, B., Thomas, A., Vall�ee-Dumas, C., Fougeyrollas, P. (2021). Advancing social inclusion of people with disabilities through awareness and training activities: a collaborative process between community partners and researchers. <i>Patient Education and Counseling</i> , 23: S0738-3991(21)00387-6. Advance online publication.
Gaid, D., Mate, K., Ahmed, S., Thomas, A., Bussi�eres A. (2021). Nationwide Environmental Scan of Knowledge Brokers Training. <i>Journal of Continuing Education in the Health Professions</i> .
Ruest, M., L�eonard, G., Thomas, A., Desrosiers, J., Guay, M. Lessons on integrated knowledge translation through Algo's utilization in homecare services: a multiple-case study (2021). <i>JBH Evidence Implementation</i> .
Ataman, R., Zaccagnini, M., George, C., Roberge-Dao, J. & Thomas, A. (2021). Introducing Scientific Paradigms: A primer for graduate students. <i>Medical Education</i> , Really good stuff series, 55(5):647.
Zaccagnini, M. Bussi�eres, A. Nugus, P. West, A. Thomas, A. (2021). Exploring the professionalization of respiratory therapy in Canada. <i>Canadian Journal of Respiratory Therapy</i> .
Augeard, N., Bostick, G., Miller, J., Walton, D., Tousignant-Laflamme, Y., Hudon, A., Bussi�eres, A., Cooper, L., McNiven, N., Thomas, A., Singer, L., Fishman, S., Hoeger Bement, M., Hush, J., Sluka, K., Watt-Watson, J., Carlesso, L., Sinead D., Fletcher, R., Harman, K., Hunter, J., Ngomo, S., Pearson, N., Perreault, K., Shay, B., Stilwell, P., Tupper, S., & Wideman, T. (2021). Development of a National Pain Management Competency Profile for Entry-level Physiotherapy Training. <i>Canadian Journal of Pain</i> .
Heirsh, L., Shah, P. S., Khurshid, F., Masse, E., Murphy, K., McDonald, S. D., Carson, G., Barrett, J., Melamed, N; Canadian Preterm Birth Network Investigators, the Canadian Neonatal Network Investigators. (2021). Mode of delivery and neonatal outcomes in extremely preterm Vertex/nonvertex twins. <i>American Journal of Obstetrics and Gynecology</i> , 224(6), 613.E1-613.E10
Dharel, D., Singhal, N., Wood, C., Cieslak, Z., Bacchini, F., Shar, P. S., Ye, X. Y., Alshaikh, B.; Canadian Neonatal Network (CNN), Canadian Preterm Birth Network (CPTBN) Investigators. (2021). Rates and determinants of mother's own milk feeding in infants born very preterm. <i>Journal of Pediatrics</i> , 236, 21-27.e4.

Melamed, N., Murphy, K., Barrett, J., Asztalos, E., McDonald, S. D., Yoon, E. W., Shah, P. S. (2021) Canadian Neonatal Network (CNN), Canadian Preterm Birth Network (CPTBN) Investigators. Benefit of antenatal corticosteroids by year of birth among preterm infants in Canada during 2003-2017: a population-based cohort study. <i>BJOG</i> , 128(3), 521-531
Ogourtsova, T., O'Donnell, M., Filliter, J. H., Wittmeier, K., BRIGHT Coaching group, Majnemer, A. (2021) Patient engagement in an online coaching intervention for parents of children with suspected developmental delays. <i>Developmental Medicine &amp; Child Neurology</i> , 63(6), 668-674
Majnemer, A., McGrath, P., Baumbusch, J., Camden, C., Fallon, B., Lunsy, Y., Miller, S., Sansone, G., Stainton, T., Thomson, D., Zwicker, J., Sumarah, J. (2021). Time to be Counted: COVID-19 and Intellectual and Developmental Disabilities. <i>FACETS</i> , 6, 1337-1389.
Shikako, K., Mogo, E. R. I, Grand-Maison, V., Simpson, R., Pritchard-Wiart, L., Majnemer, A., Jooy App Research Group. (2021). Designing User-Centered Mobile Health Initiatives to Promote Healthy Behaviors for Children With Disabilities: Development and Usability Study. <i>JMIR Formative Research</i> , 5(9):e23877
Rios, J. D., Shah, P. S., Beltempo, M., Louis, D., Mukerji, A., Premji, S., Shah, V. (2021). Canadian Preterm Birth Network Investigators, the Canadian Neonatal Network Investigators. Costs of neonatal Intensive Care for Canadian Infants with Preterm Birth. <i>Journal of Pediatrics</i> , 229, 161-167.e12.
L'Espérance, A., O'Brien, N., Grégoire, A., Abelson, J., Canfield, C., Del Grande, C., Dogba, M. J., Fancott, C., Lévasseur, M. A., Loignon, C., Majnemer, A., Pomey, M-P., Rasiah, J., Salsberg, J., Santana, M., Tremblay, M-C., Urquhart, R., Boivin, A. (2021). Developing a Canadian evaluation framework for patient and public engagement in research: Study protocol. <i>Research Involvement and Engagement</i> , 7(1). 1-12.
Ogourtsova, T., O'Donnell, M., Chung, D., Gavin, F., Bogossian, A., & Majnemer, A. FATHERS MATTER: Enhancing healthcare experiences among fathers of children with developmental disabilities. <i>Frontiers in Rehabilitation Sciences</i> , 2: 709262
de Almeida, R. G., Mobayyen, F., Antal, C., Kehayia, E., Nair, V. P., & Schwartz, G. (2021). Category-specific verb-semantic deficits in Alzheimer's disease: Evidence from static and dynamic action naming. <i>Cognitive Neuropsychology</i> , 38(1), 1-26.
Reidel, K., Abriel, S., Tavares, R., Roark, M., McLellan, R., & Kehayia, E. (2021). Transitional Employment Programs within Clubhouses as a Means of Promoting Recovery for Individuals Living with Mental Illness: Reviewing the Case for Québec. <i>Canadian Journal of Community Mental Health</i> . 1-34
Colucci, E., Nadeau, S., Higgins, J., Kehayia, E., Poldma, T., Saj, A., & de Guise, E. (2021). COVID-19 lockdowns' effects on the quality of life, perceived health and well-being of healthy elderly individuals: A longitudinal comparison of pre-lockdown and lockdown states of well-being. <i>Archives of gerontology and geriatrics</i> , 99, 104606. Advance online publication
Wittich, W., Pichora-Fuller, M. K., Johnson, A., Joubert, S., Kehayia, E., Bachir, V., ... & Phillips, N. (2021). Effect of Reading Rehabilitation for Age-Related Macular Degeneration on Cognitive Functioning: Protocol for a Nonrandomized Pre-Post Intervention Study. <i>JMIR Research Protocols</i> , 10(3), e19931.
Bernaerts S, De Witte NAJ, Van der Auwera V, Bonroy B, Muraru L, Bamidis P, Frantzidis C, Kourtidou-Papadeli C, Azevedo N, Gareatea J, Muñoz I, Almeida R, Losada R, Fung J, Kehayia E, Lamontagne A, de Guise E, Duclos C, Higgins J, Nadeau S, Beaudry L, Konstantinidis on behalf of the VITALISE consortium E. Rehabilitation supported by technology: Protocol for an international co-creation and user experience study. <i>JMIR Research Protocols</i> . 22/12/2021:34537
Santonen T, Petsani D, Julin M, Garschall M, Kropf J, Van der Auwera V, Bernaerts S, Losada R, Almeida R, Garatea J, Muñoz I, Nagy E, Kehayia E, de Guise E, Nadeau S, Azevedo N, Segkouli S, Lazarou I, Petronikolou V, Bamidis P, Konstantinidis E. Cocreating a Harmonized Living Lab for Big Data-Driven Hybrid Persona Development: Protocol for Cocreating, Testing, and Seeking Consensus. <i>JMIR Res Protoc</i> 2022;11(1):e34567
Petsani D, Ahmed S, Petronikolou V, Kehayia E, Alastalo M, Santonen T, Merino-Barbancho B, Cea G, Segkouli S, Stavropoulos T, Billis A, Doumas M, Almeida R, Nagy E, Broeckx L, Bamidis P, Konstantinidis E Digital

Biomarkers for Supporting Transitional Care Decisions: Protocol for a Transnational Feasibility Study JMIR Research Protocols. 04/11/2021:34573
Cloutier, S., Chertkow, H., Kergoat, M-J, Gélinas, I., Gauthier, S., Belleville, S. (2021) Trajectories of decline on instrumental activities of daily living prior to dementia in persons with mild cognitive impairment. <i>International Journal of Geriatric Psychiatry</i> , 36: 314-323
Naglie G, Byszewski A, Gélinas I, Mariano C, Sandhu H, Stasiulis E, Tymianski D, Vrkljan B, Rapoport MJ. (2021) Exploring Nurse Practitioners' Preferences for Learning about Dementia and Driving Cessation. <i>Journal of the American Geriatrics Society</i> , April 2021, Volume 69, Issue S1, Pages S125-S126
Filiatrault, JF., Boucher, N., Archambault, P., Croteau, C., Gélinas, I., Le Boueded, M., Garcia, V. (2021) Formation, utilisation et expérience du transport en commun régulier à Montréal par des personnes ayant des limitations fonctionnelles motrices. <i>Canadian Journal of Disability Studies</i> , 10 (3) :196-224
Demers, C., Brochu, A., Higgins, J., Gélinas, I. (2021) Behavioural interventions targeting physical activity and diet behaviours in pediatric oncology: A Scoping Review. <i>Pediatric Blood and Cancer</i> , 68 (8): 1-9
Mazer, B., Chen, Y-T., Vrkljan, B., Marshall, S.C., Charlton, J.L., Koppel, S., Gélinas, I. (2021) Comparison of Older and Middle-Aged Drivers' Driving Performance in a Naturalistic Setting. <i>Accident Analysis and Prevention</i> , 161:1-8
Unsworth, C., Dickerson, A., Gélinas, I, Harries, P., Margot-Cattin, I., Mazer, B., Stapleton, T., Swanepoel, L., Timmer, A., Van Niekerk, L., Vrkljan, B. (2021) Linking people and activities through community mobility: an international comparison of the mobility patterns of older drivers and non-drivers. <i>Ageing and Society</i> , 1-26
Routhier F, Lettre J, Bouffard J, Archambault P, Lemay M, Gélinas I. (2021) Impacts of a robotic arm on people with upper limbs disabilities due to neuromuscular disorder. <i>Journal of Prosthetics and Orthotics</i> , September 24:1-12
Brouillette MJ, Koski L, Forcellino L, Gasparri J, Brew BJ, Fellows LK, Mayo NE, Cysique LA. Predicting occupational outcomes from neuropsychological test performance in older people with HIV. <i>AIDS</i> . 2021 Sep 1;35(11):1765-1774. doi: 10.1097/QAD.0000000000002927. PubMed PMID: 33927088.
Balvardi S, Pecorelli N, Castelino T, Niculiseanu P, Alhashemi M, Liberman AS, Charlebois P, Stein B, Carli F, Mayo NE, Feldman LS, Fiore JF Jr. Impact of Facilitation of Early Mobilization on Postoperative Pulmonary Outcomes After Colorectal Surgery: A Randomized Controlled Trial. <i>Ann Surg</i> . 2021 May 1;273(5):868-875. doi: 10.1097/SLA.0000000000003919. PubMed PMID: 32324693.
Quigley A, Brouillette MJ, Fellows LK, Mayo N. Action for better brain health among people living with HIV: protocol for a randomized controlled trial. <i>BMC Infect Dis</i> . 2021 Aug 20;21(1):843. doi: 10.1186/s12879-021-06540-7. PubMed PMID: 34416849; PubMed Central PMCID: PMC8377450.
Dumitra T, Ganescu O, Hu R, Fiore JF Jr, Kaneva P, Mayo N, Lee L, Liberman AS, Chaudhury P, Ferri L, Feldman LS. Association Between Patient Activation and Health Care Utilization After Thoracic and Abdominal Surgery. <i>JAMA Surg</i> . 2021 Jan 1;156(1):e205002. doi: 10.1001/jamasurg.2020.5002. Epub 2021 Jan 13. PubMed PMID: 33146682; PubMed Central PMCID: PMC7643038.
Mozafarinia M, Rajabiyazdi F, Brouillette MJ, Fellows LK, Mayo NE. Development and usability of a feedback tool, "My Personal Brain Health Dashboard", to improve setting of self-management goals among people living with HIV in Canada. <i>Qual Life Res</i> . 2021 Nov;30(11):3199-3211. doi: 10.1007/s11136-020-02555-w. Epub 2020 Jun 18. PubMed PMID: 32556825.
Askari S, Fellows LK, Brouillette MJ, Mayo NE. Development and validation of a voice-of-the-patient measure of cognitive concerns experienced by people living with HIV. <i>Qual Life Res</i> . 2021 Mar;30(3):921-930. doi: 10.1007/s11136-020-02679-z. Epub 2020 Oct 26. PubMed PMID: 33104940.



<p>Sprangers MAG, Sajobi T, Vanier A, Mayo NE, Sawatzky R, Lix LM, Oort FJ, Sébille V. Response shift in results of patient-reported outcome measures: a commentary to The Response Shift-in Sync Working Group initiative. <i>Qual Life Res.</i> 2021 Dec;30(12):3299-3308. doi: 10.1007/s11136-020-02747-4. Epub 2021 Jan 22. PubMed PMID: 33481193; PubMed Central PMCID: PMC8602228.</p>
<p>Ow N, Appau A, Matout M, Mayo NE. What is QOL in children and adolescents with physical disabilities? A thematic synthesis of pediatric QOL literature. <i>Qual Life Res.</i> 2021 May;30(5):1233-1248. doi: 10.1007/s11136-021-02769-6. Epub 2021 Feb 7. Review. PubMed PMID: 33550543.</p>
<p>Vanier A, Oort FJ, McClimans L, Ow N, Gulek BG, Böhnke JR, Sprangers M, Sébille V, Mayo N. Response shift in patient-reported outcomes: definition, theory, and a revised model. <i>Qual Life Res.</i> 2021 Dec;30(12):3309-3322. doi: 10.1007/s11136-021-02846-w. Epub 2021 Apr 28. PubMed PMID: 33909187; PubMed Central PMCID: PMC8602159.</p>
<p>Mayo NE, Brouillette MJ, Nadeau L, Dendukuri N, Harris M, Smaill F, Smith G, Thomas R, Fellows LK. A longitudinal view of successful aging with HIV: role of resilience and environmental factors. <i>Qual Life Res.</i> 2021 Aug 30;. doi: 10.1007/s11136-021-02970-7. [Epub ahead of print] PubMed PMID: 34460077.</p>
<p>Koski L, Brouillette MJ, Mayo NE, Scott SC, Fellows LK, Sookman D. A Short-term Psychological Intervention for People Living with HIV During the First Wave of COVID-19. <i>Int J Cogn Ther.</i> 2021 Nov 12;;1-21. doi: 10.1007/s41811-021-00127-5. [Epub ahead of print] PubMed PMID: 34804328; PubMed Central PMCID: PMC8589225.</p>
<p>Ai M, Morris TP, Ordway C, Quinoñez E, D'Agostino F, Whitfield-Gabrieli S, Hillman CH, Pindus DM, McAuley E, Mayo N, de la Colina AN, Phillips S, Kramer AF, Geddes M. The Daily Activity Study of Health (DASH): A pilot randomized controlled trial to enhance physical activity in sedentary older adults. <i>Contemp Clin Trials.</i> 2021 Jul;106:106405. doi: 10.1016/j.cct.2021.106405. Epub 2021 May 1. PubMed PMID: 33945886.</p>
<p>Ow N, Kuspinar A, Mayo NE. Longitudinal analysis of disability outcomes among young people with MS. <i>Mult Scler Relat Disord.</i> 2021 Jul;52:102966. doi: 10.1016/j.msard.2021.102966. Epub 2021 Apr 20. PubMed PMID: 33934012.</p>
<p>Timurtas E, Inceer M, Mayo N, Karabacak N, Sertbas Y, Polat MG. Technology-based and supervised exercise interventions for individuals with type 2 diabetes: Randomized controlled trial. <i>Prim Care Diabetes.</i> 2021 Dec 16;. doi: 10.1016/j.pcd.2021.12.005. [Epub ahead of print] PubMed PMID: 34924318.</p>
<p>Kaur N, Fellows LK, Brouillette MJ, Mayo N. Development and Validation of a Cognitive Reserve Index in HIV. <i>J Int Neuropsychol Soc.</i> 2021 Jun 4;;1-9. doi: 10.1017/S1355617721000461. [Epub ahead of print] PubMed PMID: 34085627.</p>
<p>Kaur N, Aubertin-Leheudre M, Fellows LK, Brouillette MJ, Mayo N. Feasibility and potential benefits of a structured exercise program on cognitive performance in HIV. <i>AIDS Care.</i> 2021 Dec;33(12):1627-1635. doi: 10.1080/09540121.2020.1867307. Epub 2021 Jan 6. PubMed PMID: 33401957.</p>
<p>Brouillette MJ, Koski L, Scott S, Austin-Keiller A, Fellows LK, Mayo NE. Factors Influencing Psychological Distress During the COVID-19 Pandemic in People Aging with HIV. <i>AIDS Res Hum Retroviruses.</i> 2021 Dec 10;. doi: 10.1089/AID.2021.0024. [Epub ahead of print] PubMed PMID: 34714115.</p>
<p>Ow N, Mozafarinia M, Mayo NE. Quality of life measures in pediatric multiple sclerosis: a systematic review and meta-analysis. <i>Dev Med Child Neurol.</i> 2021 Sep;63(9):1051-1058. doi: 10.1111/dmcn.14870. Epub 2021 Mar 26. PubMed PMID: 33769574.</p>
<p>Thomas A, Al Zoubi F, Mayo NE, Ahmed S, Amari F, Bussières A, Letts L, MacDermid JC, Polatajko HJ, Rappolt S, Salbach NM, Valois MF, Rochette A. Individual and organizational factors associated with evidence-based practice among physical and occupational therapy recent graduates: A cross-sectional national study. <i>J Eval Clin Pract.</i> 2021 Oct;27(5):1044-1055. doi: 10.1111/jep.13518. Epub 2020 Dec 13. PubMed PMID: 33314562.</p>
<p>Kokorelias KM, Ripat J, Jones CA, Mayo NE, Salbach NM, Barclay R. Moving Through COVID-19: Perspectives of Older Adults in the Getting Older Adults Outdoors Study. <i>J Aging Phys Act.</i> 2021 Dec 17;;1-11. doi: 10.1123/japa.2021-0098. [Epub ahead of print] PubMed PMID: 34920416.</p>

de Mello Monteiro CB, Dawes H, Mayo N, Collett J, Magalhães FH. Assistive Technology Innovations in Neurological Conditions. <i>Biomed Res Int.</i> 2021;2021:6846120. doi: 10.1155/2021/6846120. eCollection 2021. PubMed PMID: 33728341; PubMed Central PMCID: PMC7935582.
Kuate Defo A, Chalati MD, Labos C, Fellows LK, Mayo NE, Daskalopoulou SS. Association of HIV Infection and Antiretroviral Therapy With Arterial Stiffness: A Systematic Review and Meta-Analysis. <i>Hypertension.</i> 2021 Aug;78(2):320-332. doi: 10.1161/HYPERTENSIONAHA.121.17093. Epub 2021 Jun 28. PubMed PMID: 34176289.
Fernandez Cruz AL, Chen CM, Sanford R, Collins DL, Brouillette MJ, Mayo NE, Fellows LK. Multimodal neuroimaging markers of variation in cognitive ability in older HIV+ men. <i>PLoS One.</i> 2021;16(7):e0243670. doi: 10.1371/journal.pone.0243670. eCollection 2021. PubMed PMID: 34314416; PubMed Central PMCID: PMC8315526.
Hum S, Fellows LK, Lourenco C, Mayo NE. Are the Items of the Starkstein Apathy Scale Fit for the Purpose of Measuring Apathy Post-stroke?. <i>Front Psychol.</i> 2021;12:754103. doi: 10.3389/fpsyg.2021.754103. eCollection 2021. PubMed PMID: 34950086; PubMed Central PMCID: PMC8688540.
Zeidan, J., Joseph, L., Camden, C., Shevell, M., Oskoui, M., Lamotte, P., & Shikako-Thomas, K. (2021). Look around me: environmental and socio-economic factors related to community participation for children with cerebral palsy in Québec. <i>Physical &amp; Occupational Therapy In Pediatrics</i> , 41(4), 429-446.
Lopes, P. B., Shikako-Thomas, K., Cardoso, R., & Simões Matsukura, T. (2021). Social participation: the perspectives of adolescents with cerebral palsy and their mothers. <i>International Journal of Developmental Disabilities</i> , 67(4), 263-272.
Shikako-Thomas, K., El Sherif, R., Cardoso, R., Zhang, H., Lai, J., Mogo, E., & Schuster, T. (2021). Applying Behaviour Change Models to Policymaking: Development and Validation of the Policymakers' Information Use Questionnaire (POLIQ).
Lai, J., Luo, O. D., Klag, M., & Shikako-Thomas, K. (2021). Caregiver perceptions of care of a medical-dental community clinic for adults with autism and intellectual disabilities: Implementing a program evaluation. <i>Journal of Intellectual &amp; Developmental Disability</i> , 46(4), 306-318.
Brossard-Racine, M. & Limperopoulos, C. (2021) Cerebellar injury in premature neonates: imaging findings and relationship with outcome. <i>Seminar in Perinatology</i> 45(7), 151470.
Caccese, C., Lee Jones, S., Yu, A., Brossard-Racine, M., Nguyen, T.V. (2021) Role of testosterone-cortisol ratio in age- and sex-specific cortico-hippocampal development and cognitive performance. <i>J Dev Orig Health Dis.</i> 31,1-11.
Teel, E.F., Brossard-Racine, M., Corbin-Berrigan, L.A., & Gagnon, I.J. (2020). Perceptual cognitive training does not improve concussion symptoms at 4 and 12-weeks post-injury in children and adolescents: A randomized controlled trial. <i>Journal of Head Trauma Rehabilitation.</i> 36(2), E97-E107.
Rodakowski, J., Mroz, T-M., Ciro, C., Lysack, C-L., Womack, J-L., Chippendale, T., Cutchin, M., Fritz, H., Fields, B., Niemiec, S-L-S., Orellano-Col, E-M., Rotenberg, S., Toto, P-E., Lee, D., Jewell, V-D., McDonald, M-V., Arthanat, S., Somerville, E., Park, M., and Piersol, C-V. (2021). Forum Proceeding: Stimulating Research to Enhance Aging in Place, <i>OTJR: Occupation, Participation and Health</i> , 41(4), pp. .
Lee, K. & Park, M. (2021). Keeping care fully alive - An ethnography of Moving-with carers and persons living with dementia. <i>Journal of Aging Studies</i> , 57, 100927.
Pita, L, S. R., Quintas, J. L., Trindade, I. O. A., Belchior, P., Gameiro, K. S. D., Gomes, C. M., Nóbrega, O. T., Camargos, E. (2021). Older drivers are at increased risk of fatal crash involvement: Results of a systematic review and meta-analysis. <i>Archives of Gerontology and Geriatrics</i> , 9, 104414
Taylor, B., Yann, A., Belchior, P., & Marsiske, M. (2021). Videogame and Computer Intervention Effects on Older Adults' Mental Rotation Performance. <i>Games for Health Journal</i> , 10 (3)
Anaby D., Ryan M.*, Palisano RJ., Levin MF., Gorter JW., Avery L., Cormier I., Teplicky R., Coulter J., Hanes J. (2021). Participation during a Pandemic: Forging New Pathways. <i>Physical and Occupational Therapy in Pediatrics</i> , 41 (2), 115-119.

Anaby D., Khetani M., Piskur B., van der Holst M., Bedell G., de Kloet A., Schakel F., Simeonsson R., Imms C. (2021). Towards a paradigm shift in pediatric rehabilitation: Accelerating the uptake of evidence on participation into routine clinical practice. <i>Disability &amp; Rehabilitation</i> (Published online on April 8th, 2021).
Tomas V., Srinivasan R., Kulkarni V., Teplicky R., Anaby D., Khetani M. (2021). A guiding process for culturally adapting assessments for participation-focused pediatric practice: The case of Participation and Environment Measures (PEM). <i>Disability &amp; Rehabilitation</i> . (Published online ahead-of-print on August 19th, 2021).
Camden, C., Campbell, W., Missiuna, C., Berbari, J., Héguay, L., Gauvin, C., Dostie, R., Ianni, L.*, Rivard, L., GOLD Research Team, Anaby, D. (2021). Implementing Partnering for Change in Québec: Occupational therapy activities and stakeholders' perceptions. <i>Canadian Journal of Occupational Therapy</i> , 88 (1), 71-82.
Shabat T*, Fogel-Grinvald H., Anaby D., Golos A. (2021). Participation profile of children and youth, aged 6-14, with and without ADHD, and the impact of environmental factors. <i>International Journal of Environmental Research and Public Health</i> ,18 (2), 537. Published online January 11th, 2021.
Srinivasan R., Kulkarni V., Smriti S, Teplicky R., Anaby D. (2021). Cross-Cultural Adaptation and Evaluation of The Participation and Environmental Measure for Children and Youth to the Indian Context- A Mixed-Methods Study. <i>International Journal of Environmental Research and Public Health</i> , 18 (4), 1514. (Published online on February 5th, 2021).
Ippersiel, P., Preuss, R., Fillion, A., Jean-Louis, J., Woodrow, R., Zhang, Q., Robbins, S.M. (2021). Inter-joint coordination and the flexion-relaxation phenomenon among adults with low back pain during bending. <i>Gait &amp; Posture</i> , 85, 164-170.
Ippersiel, P., Robbins, S.M., Dixon, P.C. (2021). Lower-limb coordination and variability during gait: The effects of age and walking surface. <i>Gait &amp; Posture</i> , 85, 251-257.
Robbins, S.M., Pelletier, J.P., Abram, F., Boily, M., Antoniou, J., Martineau, P.A., Morelli, M., Martel-Pelletier, J. (2021). Gait risk factors for disease progression differ between non-traumatic and post-traumatic knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 29(11),1487-1497.
Robbins, S.M., Renaud, P.J., MacInnis, N., Pearsall, D.J. (2021). The relationship between trunk rotation and shot speed when performing ice hockey wrist shots. <i>Journal of Sports Sciences</i> , 39(9), 1001-1009.
Chan, M., Dyck, M., Thevasagiyam, G., Yap, R., Ouellet, J., Robbins, S.M. (2021). Inter-rater reliability of the McKenzie Method of Mechanical Diagnosis and Therapy for the provisional classification of low back pain in adolescents and young adults. <i>Journal of Manual &amp; Manipulative Therapy</i> , 29(4), 255-261.
Robbins, S.M., Bodnar, C., Donatien, P., Mirza, R., Zhao, Z.Y., Hoeber, S., Naidu, D., Redelmeier, A., Steele, R.J., Shrier, I. (2021). The influence of time on injury rates and the epidemiology of Canadian football injuries. <i>Clinical Journal of Sports Medicine</i> , 31(6),e435-e459.
Croteau, F., Robbins, S.M., Pearsall, D.J. (2021). Hand-held shoulder strength measures correlate with isokinetic dynamometry in elite water polo players. <i>Journal of Sports Rehabilitation</i> , 30(8),1233-1236.
Croteau, F., Brown, H., Pearsall, D.J., Robbins, S.M. (2021). Prevalence and mechanisms of injuries in water polo: A systematic review. <i>BMJ Open Sport &amp; Exercise Medicine</i> , 7(2),e00108.
Croteau, F., Paradelo, D., Pearsall, D.J., Robbins, S.M. (2021). Risk factors for shoulder injuries in water polo: A cohort study. <i>International Journal of Sports Physical Therapy</i> , 16(4), 1135-1144.
Bussièrès, A., Cancelliere, C., Ammendolia, C., Comer, C.M., Al Zoubi, F., Châtillon, C.E., Chernish, G., Cox, J.M., Gliedt, J.A., Haskett, D., Jensen, R.K., Marchand, A.A., Tomkins-Lane, C., O'Shaughnessy, J., Passmore, S., Schneider, M.J., Shipka, P., Stewart, G., Stuber, K., Yee, A., Ornelas, J. (2021). Non-surgical interventions for lumbar spinal stenosis leading to neurogenic claudication: A clinical practice guideline. <i>J Pain</i> 22(9), 1015-1039.
De Carvalho, D., Bussièrès, A., French, S.D., Wade, D., Brake-Patten, D., O'Keefe L., Elliott, B., Budgell, K., O'Reilly S, To, D., Hall, A. (2021). Knowledge of and adherence to radiographic guidelines for low back pain: a survey of chiropractors in Newfoundland and Labrador, Canada. <i>Chiropr Man Therap</i> ,1;29(1), 4.

<p>Côté, P., Hartvigsen, J., Axén, I., Leboeuf-Yde, C., Corso, M., Shearer, H., Wong, J., Marchand, A. A., Cassidy, J. D., French, S., Kawchuk, G. N., Mior, S., Poulsen, E., Srbely, J., Ammendolia, C., Blanchette, M. A., Busse, J. W., Bussièrès, A., Cancelliere, C., Christensen, H. W., ... Yu, H. (2021). The global summit on the efficacy and effectiveness of spinal manipulative therapy for the prevention and treatment of non-musculoskeletal disorders: a systematic review of the literature. <i>Chiropr Man Therap</i>, 29(1), 8.</p>
<p>Wong, J.J., Hogg-Johnson, S., Bussièrès, A.E., French, S., Mior, S.A. (2021). The association between chiropractors' view of practice and patient encounter-level characteristics in Ontario, Canada: a cross-sectional study. <i>Chiropr Man Therap</i>, 29(1), 41.</p>
<p>Hallé, M.C., Bussièrès, A., Asseraf-Pasin, L., Storr, C., Mak, S., Root, K., Thomas, A. Building evidence-based practice competencies among rehabilitation students: A qualitative exploration of faculty and receptors' perspectives. (2021). <i>Adv in Health Sci Educ</i> 26(4),1311-1338.</p>
<p>Dubé, C., Jin, Y., Powers, B.G., Li, G., Labelle, A., Rivers, M.S., Gumboc, I.V., Bussièrès, A.E. (2021). Vision Evaluation Tools for Adults With Acquired Brain Injury: A Scoping Review. <i>Can J Occup Ther</i>, 88(4), 340-351.</p>
<p>Rosen, E., kasali, B., Corcoran, K., Massell, k., Laird, L., Saper, R., Alford, D., Cohen, E., Lisi, A., Atlas, S., Bean, J., Bussièrès, A., Evans, R. (2021). Doctors of chiropractic working with or within integrated health care delivery systems: a scoping review protocol. <i>BMJ Open</i>,11,e043754.</p>
<p>Yamaguchi, S., Lencucha, R., &amp; Brown, T. G. (2021). Multiple Locations of Alcohol Use in the Narratives of the Peruvian Andean Highland and Population with Problem Drinking. <i>Health communication</i>, 1-9.</p>
<p>Motta-Ochoa, R., Lencucha, R., Xu, J., &amp; Park, M. (2021). A matter of time: grappling with everyday ethical tensions at the confluence between policy and practice in a psychiatric unit. <i>Journal of medical ethics</i>, 47(3), 179-184.</p>
<p>Lencucha, R., &amp; Bandara, S. (2021). Trust, risk, and the challenge of information sharing during a health emergency. <i>Globalization and Health</i>, 17(1), 1-7.</p>
<p>Yamaguchi, S., Lencucha, R., &amp; Brown, T. G. (2021). Control, power, and responsibility: a qualitative study of local perspectives on problem drinking in Peruvian Andean highlands. <i>Globalization and Health</i>, 17(1), 1-16.</p>
<p>Lencucha, R., &amp; Drope, J. (2021). How does tobacco growing impact advancement in demand reduction measures?. <i>Tobacco prevention &amp; cessation</i>, 7.</p>
<p>Thow, A. M., Lencucha, R. A., Rooney, K., Colagiuri, S., &amp; Lenzen, M. (2021). Implications for farmers of measures to reduce sugars consumption. <i>Bulletin of the World Health Organization</i>, 99(1), 41.</p>
<p>Nguenha, N., Cunguara, B., Bialous, S., Drope, J., &amp; Lencucha, R. (2021). An Overview of the Policy and Market Landscape of Tobacco Production and Control in Mozambique. <i>International journal of environmental research and public health</i>, 18(1), 343.</p>
<p>Cristini, J., Weiss, M., De Las Heras, B., Medina-Rincón, A., Dagher, A., Postuma, R.B., Huber. R., Carrier, J., Roig, M. (2021) The effects of exercise on sleep quality in persons with Parkinson's Disease: a systematic review with meta-analysis. <i>Sleep Medicine Reviews</i>. 55:101384.</p>
<p>Hung, A., Roig, M., Sabiston, C.M., Swardfager, W., Cheng, J. (2011). Aerobic fitness does not modify exercise effects on motor skill learning. <i>Nature Scientific Reports</i>. 8:11:5366.</p>
<p>De Las Heras, B., Rodrigues, L., Cristini, J., Prats-Puig, A., Roig, M. (2011). Does the brain-derived neurotrophic factor Val66Met genotype modulate the effects of exercise on cognition? <i>Neuroscientist</i>. 10.</p>
<p>Moncion, K., Rodrigues, L., MacKay-Lyons, M., Eng, J., Billinger, S., Ploughman, M., Bailey, D., Thiel, A., Trivino, M., Roig, M., Tang, A. (2021). COVID-19 pandemic: guidance for current and future aerobic exercise-based stroke rehabilitation. <i>Neurorehabilitation &amp; Neural Repair</i>. 36:1:3-16.</p>
<p>Noguchi, K.S., Moncion, K., Wiley, E., McDonnald, M.J., Richardson, J., Roig, M., Tang, A. (2021). The effect of acute aerobic exercise on arterial stiffness in individuals with chronic stroke. <i>Frontiers of Physiology</i>. 12:666171.</p>

Loprinzi P, Roig M, Etnier J, Tomporowski PD, Voss M. (2021). Acute and chronic exercise on human memory: what we know and where to go from here. <i>Journal of Clinical Medicine</i> . 10(21): 4812.
A. Xifra-Porxas, A. Ghosh, G.D. Mitsis & M.H. Boudrias (2021). Estimating brain age from structural MRI and MEG data: Insights from dimensionality reduction technique. <i>Neuroimage</i> . Vol. 231, 1 May
A. Znaty, Z. Legault, S. Smith & M.H. Boudrias. (2021). Yoga Interventions used for the Rehabilitation of Stroke, Parkinson's Disease, and Multiple Sclerosis: A Scoping Review of Clinical Research. <i>The Journal of Alternative and Complementary Medicine</i> . Dec;27(12), 1023-1057.
X. Yan, G.D. Mitsis & M.H. Boudrias. (2021). Identification of Beta Oscillatory Patterns During a Hand Grip Motor Task: A Comparative Analysis pre- and post-Exercise. <i>Annu Int Conf IEEE Eng Med Biol Soc 2021</i> , pp. 993-996.
Janaudis-Ferreira T, Tansey CM, Mathur S, Maia N, Blydt-Hansen T, Räkel A, Bussi�eres, Ahmed S, Boruff J. The effects of exercise training in adult solid organ transplant recipients: a systematic review and meta-analysis. <i>Transpl Int</i> . 2021 May;34(5):801-824.
Janaudis-Ferreira T. Physical and social isolation during COVID-19 - how did it impact the functional status of people with advanced respiratory disease? (2021) <i>Chronic Respiratory Disease Journal</i> ; Jan-Dec; 18:14799731211051730.
Selzer A, Jourdain T, Wald J, Sedeno M, Janaudis-Ferreira T, Goldstein R, Bourbeau J, Stickland MK. Evaluation of an enhanced pulmonary rehabilitation program: a randomized controlled trial. <i>Ann Am Thorac Soc</i> . 2021 Oct; 18 (10):1650-1660.
Bednarczyk C, Fontaine S, Baker S, Laberge E, Mathur S, Lambert H, Janaudis-Ferreira T. Community-based exercise program for solid organ transplant recipients: views of exercise professionals and patients. (2021). <i>McGill Journal of Medicine</i> ;19(1).
Raje UA, Saumur T, de Souza FP*, Mathur S, Janaudis-Ferreira T. (2021) Quality of exercise training description in solid organ transplant recipients: a systematic review. <i>McGill Journal of Medicine</i> ; 19(1).
Fonseca AA, Figueiredo PHS, Costa, HS, Mota LTC, de Deus FA, Cardoso RF, Fonseca SF, Janaudis-Ferreira T, Lacerda ACR, Lima VP. (2021). Cardiorespiratory and metabolic demand of the 6-minute pegboard and ring test in health young adults. <i>Journal of Bodywork and Movement Therapies</i> . Epub ahead of print.
Beauchamp MK, Janaudis-Ferreira T, Wald J, Acheron R, Bhutani M, Bourbeau J, Books D, Dechman G, Goldstein R, Goodridge D, Hernandez P, Marciniuk D, Penz E, Ryerson CJ, Saey D, Stickland MK, Weatherald J. Canadian Thoracic Society position statement on rehabilitation for COVID-19 and implications for pulmonary rehabilitation. (2021). <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> . Published online: 23 Nov.
Mathur S, Janaudis-Ferreira T, Hemphill J, Cafazzo J. Hart D, Holdsworth S, Lovas M, Wickerson L. User-centred design features for digital health applications to support physical activity behaviours in solid organ transplant recipient: a qualitative study. (2021). <i>Clinical Transplantation</i> . Epub 2021 Sep 23