

**Douglas Paul Gross***Department of Physical Therapy, Faculty of Rehabilitation Medicine*

2-50 Corbett Hall, University of Alberta

Edmonton, Alberta, Canada T6G 2G4

phone: 780-492-2690 | email: [dgross@ualberta.ca](mailto:dgross@ualberta.ca)website: <https://apps.ualberta.ca/directory/person/dgross>**EDUCATIONAL BACKGROUND***Degrees*

- 2003 Ph.D. in Rehabilitation Science, University of Alberta (Dr. Michele Crites Battié, supervisor)  
 1997 Bachelor of Science in Physical Therapy, University of Alberta

*Other Training Activities:*

- 2018 Certificate in Pragmatic Clinical Trials: Leadership in Patient-Oriented Research, Alberta SPOR Support Unit  
 2009 Diploma in Work Disability Prevention Research, Canadian Institutes of Health Research Strategic Training Program, Université de Sherbrooke (Dr. Patrick Loisel, supervisor)  
 2003 Fellow of the Alberta Provincial Canadian Institutes of Health Research Strategic Training Program in Bone and Joint Health, University of Alberta

**PROFESSIONAL EMPLOYMENT HISTORY**

- 2023 – Present Chair, Department of Physical Therapy, University of Alberta  
 2014 – Present Professor, Department of Physical Therapy, University of Alberta  
 2012 – Present Director, Rehabilitation Research Centre, Faculty of Rehabilitation Medicine, University of Alberta  
 2014 – 2016 Interim Chair, Department of Physical Therapy, University of Alberta  
 2009 – 2014 Associate Professor, Department of Physical Therapy, University of Alberta  
 2003 – 2013 Research Affiliate, Workers' Compensation Board-Alberta Millard Health  
 2003 – 2009 Assistant Professor, Department of Physical Therapy, University of Alberta  
 2000 – 2002 Sessional Instructor, Department of Physical Therapy, University of Alberta  
 1997 – 2003 Physical Therapist, Workers' Compensation Board-Alberta Millard Health  
 1997 (summer) Physical Therapist, Canadian Forces Base Greisbach  
 1992 – 1994 Research Assistant, Vision Perception Lab, Department of Psychology, University of Alberta

**HONOURS AND AWARDS**

- 2023 Best Oral Presentation Award at the 2023 International Conference of the Prevention of Work-Related Musculoskeletal Disorders (PREMUS) Scientific Committee of the International Commission on Occupational Health (ICOH). Brehon K, Niemeläinen R, Hall M, Bostick G, Brown CA, Wieler M, Gross DP. *Characteristics and Prognostic Factors for Return-to-Work in Workers Living With Long COVID Undergoing Rehab: A Historical Cohort Study*. Bengaluru, India, September 20-26, 2023.  
 2022 Innovative Teaching Award (Rehabilitation Science), Faculty of Rehabilitation Medicine, University of Alberta.  
 2020 McCalla Professorship, University of Alberta  
 2018 Great Supervisor Award, University of Alberta Faculty of Graduate Studies and Research  
 2017 Award for Research Excellence at the Canadian Institute for the Relief of Pain and Disability Conference: Safe, Healthy, and Productive Workplaces: Learning from Research and Practice. **Gross DP** and Park J, *Motivational Interviewing complements work rehabilitation practice with injured workers*. June 1-3, 2017, Vancouver, British Columbia.  
 2014 Liberty Mutual Work Disability Award for Best Presentation at the 2014 International Conference of the Work Disability Prevention and Integration (WDPI) Scientific Committee of the International Commission on Occupational Health (ICOH): Implementing Work Disability Prevention Knowledge, **Gross DP**, Asante AK, Miciak M, Battié MC, Carroll LJ, Sun A, Mikalsky M, Huellstrung R, Niemeläinen R. *Are Performance-Based*

*Functional Assessments Superior to Semi-Structured Interviews for Enhancing Return-To-Work Outcomes?*  
Sept. 28-Oct. 1, 2014, Toronto, Ontario.

- 2003 Graduate Student Teaching Award – University of Alberta
- 2003 Jim Vargo Graduate Scholarship in Rehabilitation (\$500)
- 2003 Fellow of the 2003 Summer Institute in Interdisciplinary Health Research of the Canadian Institutes of Health Research (\$2,000)
- 2002 Canadian Institutes of Health Research / Physical Medicine Research Foundation Fellowship (\$153,000 over 3 years)
- 2002 Honourary Izaak Walton Killam Memorial Scholarship (\$2,000 research allowance plus tuition)
- 2002 Mary Louise Imrie Graduate Student Award (\$800)
- 2001 Province of Alberta Graduate Fellowship (\$11,000)
- 1999 University of Alberta Graduate Traineeship (\$26,000 over 2 years plus tuition supplement)
- 1993 Louise McKinney Post-Secondary Scholarship (\$3,000)
- 1989 University of Lethbridge Entrance Scholarship (\$750)

## PUBLICATIONS

Total Citations = 12,586, *h*-index = 46, *i10*-index 109 (as per [Google Scholar](#) November 15, 2023)

### Articles in Peer-Reviewed Journals (Trainees underlined)

157. Brehon K, Miciak M, Hung P, Chen S-P, Perreault K, Hudon A, Wieler M, Hunter S, Hoddinott L, Hall M, Churchill K, Brown DA, Brown CA, Bostick G, Skolnik K, Lam G, Weatherald J, Gross DP. “None of us are lying”: an interpretive description of the search for legitimacy and the journey to access quality health services by individuals living with Long COVID. *BMC Health Serv Res*, 2023;23(1):1396. <https://doi.org/10.1186/s12913-023-10288-y>
156. Meneley AR, Firouzeh P, Ferguson AF, Baird M, **Gross DP**. Evaluation of a reflection-based program for health professional continuing competence. *Discov Health Systems*, 2023; 2, 41. DOI: [10.1007/s44250-023-00058-2](https://doi.org/10.1007/s44250-023-00058-2)
155. Cancelliere C, Yu H, Southerst D, Connell G, Verville L, Bussi  res A, **Gross DP**, Pereira P, Mior S, Tricco AC, Cedraschi C, Brunton G, Nordin M, Shearer HM, Wong JJ, Hayden JA, Ogilvie R, Wang D, C  t   P, Hincapi   CA. Improving Rehabilitation Research to Optimize Care and Outcomes for People with Chronic Primary Low Back Pain: Methodological and Reporting Recommendations from a WHO Systematic Review Series. *J Occup Rehabil*. 2023 Nov 22. doi: [10.1007/s10926-023-10140-4](https://doi.org/10.1007/s10926-023-10140-4).
154. Southerst D, Hincapi   CA, Yu H, Verville L, Bussi  res A, **Gross DP**, Pereira P, Mior S, Tricco AC, Cedraschi C, Brunton G, Nordin M, Wong JJ, Connell G, Shearer HM, DeSouza A, Mu  oz Laguna J, Lee JGB, To D, Lalji R, Stuber K, Funabashi M, Hofstetter L, Myrtos D, Romanelli A, Guist B, Young JJ, da Silva-Oolup S, Stupar M, Wang D, Murnaghan K, Cancelliere C. Systematic Review to Inform a World Health Organization (WHO) Clinical Practice Guideline: Benefits and Harms of Structured and Standardized Education or Advice for Chronic Primary low back pain in Adults. *J Occup Rehabil*. 2023 Nov 22. doi: [10.1007/s10926-023-10120-8](https://doi.org/10.1007/s10926-023-10120-8).
153. Yu H, Wang D, Verville L, Southerst D, Bussi  res A, **Gross DP**, Pereira P, Mior S, Tricco AC, Cedraschi C, Brunton G, Nordin M, Shearer HM, Wong JJ, Connell G, Myrtos D, da Silva-Oolup S, Young JJ, Funabashi M, Romanelli A, Lee JGB, Stuber K, Guist B, Mu  oz Laguna J, Hofstetter L, Murnaghan K, Hincapi   CA, Cancelliere C. Systematic Review to Inform a World Health Organization (WHO) Clinical Practice Guideline: Benefits and Harms of Needling Therapies for Chronic Primary Low Back Pain in Adults. *J Occup Rehabil*. 2023 Nov 22. doi: [10.1007/s10926-023-10125-3](https://doi.org/10.1007/s10926-023-10125-3).
152. Verville L, Ogilvie R, Hincapi   CA, Southerst D, Yu H, Bussi  res A, **Gross DP**, Pereira P, Mior S, Tricco AC, Cedraschi C, Brunton G, Nordin M, Connell G, Wong JJ, Shearer HM, Lee JGB, Wang D, Hayden JA, Cancelliere C. Systematic Review to Inform a World Health Organization (WHO) Clinical Practice Guideline: Benefits and Harms of Structured Exercise Programs for Chronic Primary Low Back Pain in Adults. *J Occup Rehabil*. 2023 Nov 22. doi: [10.1007/s10926-023-10124-4](https://doi.org/10.1007/s10926-023-10124-4).

151. Verville L, Hincapié CA, Southerst D, Yu H, Bussi res A, **Gross DP**, Pereira P, Mior S, Tricco AC, Cedraschi C, Brunton G, Nordin M, Connell G, Shearer HM, Wong JJ, Hofstetter L, Romanelli A, Guist B, To D, Stuber K, da Silva-Oolup S, Stupar M, Myrtos D, Lee JGB, DeSouza A, Mu oz Laguna J, Murnaghan K, Cancelliere C. Systematic Review to Inform a World Health Organization (WHO) Clinical Practice Guideline: Benefits and Harms of Transcutaneous Electrical Nerve Stimulation (TENS) for Chronic Primary Low Back Pain in Adults. *J Occup Rehabil*. 2023 Nov 22. doi: [10.1007/s10926-023-10121-7](https://doi.org/10.1007/s10926-023-10121-7).
150. Cancelliere C, Verville L, Southerst D, Yu H, Hayden JA, Ogilvie R, Bussi res A, **Gross DP**, Pereira P, Mior S, Tricco AC, Cedraschi C, Brunton G, Nordin M, Wong JJ, Shearer HM, Connell G, Hincapi  CA. Systematic Review Procedures for the World Health Organization (WHO) Evidence Syntheses on Benefits and Harms of Structured and Standardized Education/Advice, Structured Exercise Programs, Transcutaneous Electrical Nerve Stimulation (TENS), and Needling Therapies for the Management of Chronic Low Back Pain in Adults. *J Occup Rehabil*. 2023 Nov 22. doi: [10.1007/s10926-023-10156-w](https://doi.org/10.1007/s10926-023-10156-w).
149. Johnston D, Pritchard L, Branton E, **Gross DP**, Thompson-Hodgetts S. A pattern of visual-motor integration, visual perception and fine motor coordination abilities in children being assessed for fetal alcohol spectrum disorder. *Journal of Developmental & Behavioral Pediatrics*. 2023; 44:e463–e469. doi: [10.1097/DBP.0000000000001200](https://doi.org/10.1097/DBP.0000000000001200). Online ahead of print. PMID: 37459379
148. Brown CA, Wilson DM, Carr E, **Gross DP**, Miciak M, Wallace JE. Older adults and companion animal death: A survey of bereavement and disenfranchised grief. *Human–Animal Interactions*. 2023; 11:1. Doi: <https://doi.org/10.1079/hai.2023.0017>
147. Six Dijkstra MWMC, Soer R, Bieleman HJ, **Gross DP**, Reneman MF. Predictive value of heart rate variability measurements and the brief resilience scale for workability and vitality. *Work*. 2023;76(3):1007-1017. doi: [10.3233/WOR-220366](https://doi.org/10.3233/WOR-220366).
146. Quinn KL, Lam GY, Walsh JF, Bh reur A, Brown AD, Chow CW, Chung CKY, Cowan J, Crampton N, D cary S, Falcone EL, Graves L, **Gross DP**, Hanneman K, Harvey PJ, Holmes S, Katz GM, Parhizgar P, Sharkawy A, Tran KC, Wasserman S, Zannella VE, Cheung AM. Cardiovascular Considerations in the Management of People with Suspected Long COVID. *Can J Cardiol*. 2023 Jun;39(6):741-753. doi:[10.1016/j.cjca.2023.04.003](https://doi.org/10.1016/j.cjca.2023.04.003). PMID: 37030518.
145. Yang L, Armijo-Olivo S, **Gross DP**. Single-Case Experimental Design in Rehabilitation: Basic Concepts, Advantages, and Challenges. *American Journal of Physical Medicine and Rehabilitation*, 2023: 102(5):454-460. doi:[10.1097/PHM.0000000000002215](https://doi.org/10.1097/PHM.0000000000002215).
144. Roberts R, Slade T, Voaklander D, Straube S, Dennett L, Cancelliere C, Guptill C, Miller L, Lemay D, De Leon M, **Gross DP**. The Effectiveness of Workplace Musculoskeletal Injury Risk Factor Screening Tools for Reducing Injury: A Systematic Review. *International Journal of Environmental Research and Public Health*, 2023, 20(3): 2762. <https://doi.org/10.3390/ijerph20032762>
143. Krebs B, Nataraj A, McCabe E, Clark S, Sufiyan Z, Yamamoto S, Za ane O, **Gross DP**. Developing a Triage Predictive Model for Access to a Spinal Surgeon Using Clinical Variables and Natural Language Processing of Radiology Reports, *European Spine Journal*, 2023; Published online Feb 6. doi: [10.1007/s00586-023-07552-4](https://doi.org/10.1007/s00586-023-07552-4).
142. Bakaa N, **Gross DP**, Carlesso LC, MacDermid J, Thomas K, Slomp F, Rushton A, Miciak M, Smeets R, Rampersaud R, Nataraj A, Drew B, Markian P, Guha D, Cenic A & Macedo L. Pre-surgical rehabilitation program for patients with symptomatic lumbar spinal stenosis: a pilot randomized controlled trial protocol, *Canadian Journal of Pain*, 2022; 6:4, 2137009. DOI: [10.1080/24740527.2022.2137009](https://doi.org/10.1080/24740527.2022.2137009)
141. Six Dijkstra MWC, Soer R, Bieleman A, Reneman MF, **Gross DP**. Exploring the Arena of Work Disability Prevention Model for Stay at Work Factors Among Industrial Workers: A Scoping Review. *Occupational Health Science*, 2023, Published online, p1-32. DOI: [10.1007/s41542-022-00125-9](https://doi.org/10.1007/s41542-022-00125-9)

140. Brehon K, Niemeläinen R, Hall M, Bostick G, Brown CA, Wieler M, **Gross DP**. Return-to-Work Following Occupational Rehabilitation for Long COVID: Descriptive Cohort Study. *JMIR Rehabilitation and Assistive Technologies*. 2022;9(3):e39883. DOI: [10.2196/39883](https://doi.org/10.2196/39883)
139. Negrini S, Borg K, Cusick A, Ferriero G, Frontera WR, **Gross DP**, Heinemann A, Machalicek W, Moore AP, Nudo RJ, Pérennou D, Stam H, Kiekens C. Global statements to produce and implement evidence in the post-COVID-19 era provide a path forward for rehabilitation: a joint initiative of Cochrane Rehabilitation and the leading journals in the field. *Ann Phys Rehabil Med*. 2022;65(5):101688. doi: [10.1016/j.rehab.2022.101688](https://doi.org/10.1016/j.rehab.2022.101688). Simultaneously published in: *American Journal of Physical Medicine & Rehabilitation, Developmental Neurorehabilitation, European Journal of Physical and Rehabilitation Medicine, Journal of Occupational Rehabilitation, Journal of Rehabilitation Medicine, Musculoskeletal Science, & Neurorehabilitation and Neural Repair*.
138. **Gross DP**, Racher GS, Krebs BK, Yamamoto SS, Dick BD, Brown CA, Asmundson GJG, Straube S, Els C, Jackson TD, Brémault-Phillips S, Voaklander D, Stastny J, Berry T. Risk Factors for Developing Concurrent Posttraumatic Stress Injury After Work-Related Musculoskeletal Injury: A Case-Control Study. *J Occup Environ Med*. 2022; 64(9): e579-e584. doi: [10.1097/JOM.0000000000002621](https://doi.org/10.1097/JOM.0000000000002621).
137. Branton E, Thompson-Hodgetts S, Johnston D, **Gross DP**, Pritchard L. Motor skills and intelligence in children with fetal alcohol spectrum disorder. *Dev Med Child Neurol*. 2022 2022;64:965–970. doi: [10.1111/dmcn.15175](https://doi.org/10.1111/dmcn.15175)
136. Sullivan V, Wilson MN, **Gross DP**, Jensen OK, Shaw WS, Steenstra IA, Hayden JA. Expectations for Return to Work Predict Return to Work in Workers with Low Back Pain: An Individual Participant Data (IPD) Meta-Analysis. *J Occup Rehabil*. 2022; 32: 575-590. doi: [10.1007/s10926-022-10027-w](https://doi.org/10.1007/s10926-022-10027-w)
135. Shearer A, Guptill C, McKillop A, **Gross DP**. Ethical and Methodological Considerations for The Clinician-Scientist: a Call for Reflexivity. *Clinical Ethics*. 2022;17(4):352-357. <https://doi.org/10.1177/14777509211052470>
134. Jean LMY, **Gross DP**, Chiu LZF. Knee Extensor Strength in Anterior Cruciate Ligament-Deficient Individuals Following Normal and Modified Squats, *Journal of Strength and Conditioning Research*. 2021; 36(1):47-54. doi: [10.1519/JSC.0000000000004165](https://doi.org/10.1519/JSC.0000000000004165)
133. McCabe EM, Miciak M, Roduta Roberts M, Sun HL, **Gross DP**. An Investigation of the Measurement Properties of the Physiotherapy Therapeutic Relationship Measure in Patients with Musculoskeletal Conditions. *European Journal of Physiotherapy*. 2023; 25:2, 114-126. doi: [10.1080/21679169.2021.2005138](https://doi.org/10.1080/21679169.2021.2005138).
132. McCabe EM, Miciak M, Roduta Roberts M, Sun HL, **Gross DP**. Measuring therapeutic relationship in physiotherapy: conceptual foundations. *Physiother Theory Pract*. 2022 38:13, 2339-2351. doi: [10.1080/09593985.2021.1987604](https://doi.org/10.1080/09593985.2021.1987604)
131. Wilson DM, Underwood L, Carr E, **Gross DP**, Kane M, Miciak M, Wallace JE, Brown CA. Older women's experiences of companion animal death: impacts on well-being and aging-in-place. *BMC Geriatr*. 2021;21(1):470. <https://doi.org/10.1186/s12877-021-02410-8>
130. Mehrabani G, **Gross DP**, Aminian S, and Manns PJ. Comparison of Fitbit One and ActivPAL3TM in Adults With Multiple Sclerosis in a Free-Living Environment. *Journal for the Measurement of Physical Behaviour*. 2021, 4, 257-265. doi: [10.1123/jmpb.2020-0066](https://doi.org/10.1123/jmpb.2020-0066)
129. Manaseer T, Whittaker JL, Isaac C, Schneider K, and **Gross DP**. The Functional Assessment of Balance in 1 Concussion (FAB-C) Battery. *International Journal of Sports Physiotherapy Therapy*. 2021;16(5):1250-1259. doi: [10.26603/001c.28157](https://doi.org/10.26603/001c.28157)
128. Yu H, Côté P, Wong JJ, Shearer HM, Mior S, Cancelliere C, Randhawa K, Ameis A, Carroll LJ, Nordin M, Varatharajan S, Sutton D, Southerst D, Jacobs C, Stupar M, Taylor-Vaisey A, **Gross DP**, Brison RJ, Paulden M, Ammendolia C, Cassidy JD, Marshall S, Bohay RN, Stapleton J, Lacerte M. Non-invasive management of soft tissue disorders of the shoulder: A clinical practice guideline from the Ontario Protocol for Traffic Injury Management (OPTiMa) Collaboration. *Eur J Pain*, 2021, 25 (8): 1644-1667. doi: [10.1002/ejp.1788](https://doi.org/10.1002/ejp.1788)

127. McCabe E, Brown CA, Tan MC, **Gross DP**, Wilson DM, Carr E, Wallace JE, Miciak M. Does Fido have a Foot in the Door? Social Housing Companion Animal Policies and Policy Decision-Making. *Housing and Society*, 2021; 48(3):292-313. <https://doi.org/10.1080/08882746.2021.1881745>
126. **Gross DP**, Ranchor GS, Yamamoto SS, Dick BD, Brown C, Senthilselvan A, Straube S, Els C, Jackson T, Brémault-Phillips S, Voaklander D, Stastny J, Berry T. Characteristics and Prognostic Factors for Return to Work in Public Safety Personnel with Work-Related Posttraumatic Stress Injury Undergoing Rehabilitation. *J Occup Rehabil*, 2021; 31:768–784. doi: [10.1007/s10926-021-09963-w](https://doi.org/10.1007/s10926-021-09963-w)
125. McCabe EM, Miciak M, Roberts MR, Sun L, Kleiner M, Holt C, **Gross DP**. Development of the Physiotherapy Therapeutic Relationship Measure. *European Journal of Pain*, 2022; 24:5, 287-296. DOI: 10.1080/21679169.2020.1868572
124. **Gross DP**, Asante A, Pawluk J, Niemeläinen R. A Descriptive Study of the Implementation of Remote Occupational Rehabilitation Services Due to the COVID-19 Pandemic Within a Workers' Compensation Context. *J Occup Rehabil*, 2021, 31(2): 444-453. doi: [10.1007/s10926-020-09934-7](https://doi.org/10.1007/s10926-020-09934-7)
123. Hutting N, Boucault R, **Gross DP**, Heerkens YF, Johnston V, Skamagki G, Stigmar K. Work-Focused Health Care: The Role of Physical Therapists. *Physical Therapy*, 2020, 100(12):2231-2236. doi: [10.1093/ptj/pzaa166](https://doi.org/10.1093/ptj/pzaa166)
122. Slade T, **Gross DP**, Niwa L, McKillop AB, Guptill C. Sex and gender demographic questions: Improving methodological quality, inclusivity, and ethical administration. *International Journal of Social Research Methodology*, 2020, 24:6, 727-738. <https://doi.org/10.1080/13645579.2020.1819518>
121. **Gross DP**, Steenstra IA, Harrell FE, Bellinger C, Zaiane O. Machine Learning for Work Disability Prevention: Introduction to the Special Series. *J Occup Rehabil*, 2020, 30(3):303-307. doi: [10.1007/s10926-020-09910-1](https://doi.org/10.1007/s10926-020-09910-1)
120. Holt CJ, McKay CD, Truong LK, Le CY, **Gross DP**, Whittaker JL. Sticking to it: A Scoping Review of Adherence to Exercise Therapy Interventions in Children and Adolescents with Musculoskeletal Conditions. *Journal of Orthopedic and Sport Physical Therapy*, 2020, 50(9):503-515. doi: [10.2519/jospt.2020.9715](https://doi.org/10.2519/jospt.2020.9715)
119. Dolgoy N, Brose J, Godwin T, Suderman K, Culos-Reed SN, Ho C, **Gross DP**, McNeely ML. Functional, Work-Related Rehabilitative Programming for Cancer Survivors Experiencing Cancer-Related Fatigue. *British Journal of Occupational Therapy*, Special Cancer Specific 2020, 84(4):212-221. <https://doi.org/10.1177/0308022620927351>
118. Six Dijkstra MWC, Siebrand E, Dorrestijn S, Salomons EL, Reneman MF, Oosterveld FGJ, Soer R, **Gross DP**, Bieleman A. Ethical considerations of using machine learning for decision support in occupational health: An example involving periodic workers' health assessments. *Journal of Occupational Rehabilitation*, 2020, 30:343-353. <https://doi.org/10.1007/s10926-020-09895-x>
117. Shearer HM, Carroll LJ, Côté P, Randhawa K, Southerst D, Varatharajan S, Wong JJ, Yu H, Sutton D, van der Velde G, Nordin M, **Gross DP**, Mior S, Stupar M, Jacobs C and Taylor-Vaisey A. The course and factors associated with recovery of whiplash-associated disorders: an updated systematic review by the Ontario Protocol for Traffic Injury Management (OPTIMA) Collaboration. *European Journal of Physiotherapy*, 2021, 23:5, 279-294. <https://doi.org/10.1080/21679169.2020.1736150>
116. Fong J, Ocampo R, **Gross DP**, Tavakoli M. Intelligent Robotics Incorporating Machine Learning Algorithms for Improving Functional Capacity Evaluation and Occupational Rehabilitation. *Journal of Occupational Rehabilitation*, 2020, 30(3):362-370. doi: [10.1007/s10926-020-09888-w](https://doi.org/10.1007/s10926-020-09888-w)
115. Suman A, Armijo-Olivo S, Deshpande S, Marietta-Vasquez J, Dennett L, Miciak M, Reneman MF, Werner E, Straube S, Buchbinder R, **Gross DP**. A systematic review of the effectiveness of mass media campaigns for the management of low back pain. *Disability and Rehabilitation*, 2021, 43(24):3523-3551. doi: [10.1080/09638288.2020.1743777](https://doi.org/10.1080/09638288.2020.1743777)
114. Rowe E, Hassan E, Carlesso L, Wilson JA, **Gross DP**, Fisher C, Hall H, Manson N, Thomas K, McIntosh G, Drew B, Rampersaud R, Macedo L. Predicting recovery after lumbar spinal stenosis surgery: A protocol for a historical cohort study using data from the Canadian Spine Outcomes Research Network (CSORN). *Canadian Journal of Pain*, 2020, 4(4):19-25. doi: [10.1080/24740527.2020.1734918](https://doi.org/10.1080/24740527.2020.1734918)



113. Edelaar MJA, Oesch PR, **Gross DP**, James CL, Reneman MF. Functional Capacity Evaluation Research: Report from the Fourth International Functional Capacity Evaluation Research Meeting. *Journal of Occupational Rehabilitation*, 2020, 30(3):475-479. doi: [10.1007/s10926-020-09876-0](https://doi.org/10.1007/s10926-020-09876-0)
112. Manaseer T, Whittaker JL, Isaac C, Schneider K, Roduta-Roberts, **Gross DP**. The Reliability of Clinical Balance Tests Under Single-Task and Dual-Task Testing Paradigms in Uninjured Active Youth and Young Adults. *International Journal of Sports Physiotherapy Theory and Practice*, 2020, 15(4):487-500. doi: [10.26603/ijspst20200487](https://doi.org/10.26603/ijspst20200487)
111. Lentz L, **Gross DP**, Guptill CA, Senthilselvan A, Voaklander D. A description of musculoskeletal injuries in a Canadian police service. *International Journal of Occupational Medicine and Environmental Health*, 2020, 33(1):59–66. doi: [10.13075/ijomeh.1896.01454](https://doi.org/10.13075/ijomeh.1896.01454)
110. Lentz L, Randall JR, Guptill CA, **Gross DP**, Senthilselvan A, Voaklander D. The association between fitness test scores and musculoskeletal injury in police officers. *International Journal of Environmental Research and Public Health*, 2019, 16(23):4667. doi: [10.3390/ijerph16234667](https://doi.org/10.3390/ijerph16234667)
109. Karpman J, **Gross DP**, Manns PM, Tomkins-Lane C. Do Wearable Fitness Devices Correlate With Performance-Based Tests of Work-Related Functional Capacity? *WORK: A Journal of Prevention, Assessment & Rehabilitation*, 2020, 66(1):201-211. doi: [10.3233/WOR-203164](https://doi.org/10.3233/WOR-203164)
108. Manaseer T, **Gross DP**, Mrazik M, Schneider K, Whittaker JL. Re-conceptualizing postural control assessment in sport-related concussion: Transitioning from the Reflex/ Hierarchical Model to the Systems Model. *Journal of Physiotherapy Theory and Practice*, 2021, 37(7): 763-774, doi: [10.1080/09593985.2019.1648624](https://doi.org/10.1080/09593985.2019.1648624)
107. **Gross DP**, Steenstra IA, Shaw WS, Yousefi P, Bellinger C, Zaïane O. Validation of the Work Assessment Triage Tool for Selecting Rehabilitation Interventions for Injured Workers. *Journal of Occupational Rehabilitation*, 2020, 30(3):318-330. doi: [10.1007/s10926-019-09843-4](https://doi.org/10.1007/s10926-019-09843-4)
106. Johnston D, Branton E, Rasmuson L, Schell S, **Gross DP**, Pritchard-Wiart L. Accuracy of Motor Assessment in the Diagnosis of Fetal Alcohol Spectrum Disorder. *BMC Pediatrics*. 2019, 19(1):1-9. <https://doi.org/10.1186/s12887-019-1542-3>
105. McCabe EM, Lightbody TK, Mummery C, Coloumbe A, GermAnn K, Lent B, Black L, Graham K, **Gross DP**, Miciak M. Implementing a Clinical Pathway for Paediatric Mental Health Care in the Emergency Department. *Canadian Journal of Community Mental Health*, 2019, 38(4):1-18. <https://doi.org/10.7870/cjcmh-2019-015>
104. Fong J, Ocampo R, **Gross DP**, Tavakoli M. A Robot with an Augmented-Reality Display for Functional Capacity Evaluation and Rehabilitation of Injured Workers. *Proceedings of 2019 IEEE-RAS-EMBS International Conference on Rehabilitation Robotics (ICORR)*. 2019:181-186. doi: [10.1109/ICORR.2019.8779417](https://doi.org/10.1109/ICORR.2019.8779417)
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### Abstracts in Peer-Reviewed Journals

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8. **Roberts R, Slade T, Cancelliere C, Golabchi A, Guptill C, Hrynychuk C, Lemay D, Miller L, Roberts M, Straube S, Gross D.** Effective use of musculoskeletal injury risk factor screening tools – a systematic review. *Safety and Health at Work*, 2022, 13: S290-S291. ISSN 2093-7911, <https://doi.org/10.1016/j.shaw.2021.12.1660>.
7. **McCabe E, Miciak M, Sun L, Roduta Roberts M, Gross DP.** Developing a Measure of Therapeutic Relationship for the Physiotherapy Care of Patients with Hemophilia. Abstracts. *Haemophilia Journal Supplement*. 2020; 26(S4) p124.
6. **Williams-Whitt K, Cullen K, Gross DP, Steenstra I, Shaw WS, Young A, Nieuwenhuijsen K.** Stakeholder Perspectives Of Return-To-Work Success. *Occup Environ Med*, 2018;75(Suppl 2):A553. <https://doi.org/10.1136/oemed-2018-ICOHabstracts.1564>
5. **McCabe E, Gross DP, Miciak M, Mulder K.** Assessment of Therapeutic Relationship in Haemophilia Care. *Haemophilia*. 2017;23 (Suppl 2), 59.
4. **Fuhr D, Gervais P, Chiu LZF, Gross DP, Kennedy M.** Whole Body Kinematic Compensatory Mechanisms Are Magnified As Runners Fatigue Over 10 Km At Race Pace. *Medicine & Science in Sports & Exercise*, 2012, 44, 773-773.
3. **Fuhr D, Gervais P, Chiu LZF, Gross DP, Kennedy M.** Temporal Changes in Female Lower Body Running Mechanics during a Simulated 10 km Race. *Medicine & Science in Sports & Exercise*, 2011, 43(5), 688-689. <https://doi.org/10.1249/01.MSS.0000401908.60047.72>
2. **Gross DP, Battié MC.** Predictive validity of functional capacity evaluation in workers' compensation claimants with upper extremity disorders. *Journal of Pain*, 2005; 6(3):S69. <https://doi.org/10.1016/j.jpain.2005.01.272>
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### Invited Presentations

#### Conference Keynote Lectures

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| Sept. 23, 2023 | <i>Social Engagement, Employment, and Work Ability in People Living with Long COVID.</i> 2023 International Conference of the Work Disability Prevention and Integration (WDPI) Scientific Committee of the International Commission on Occupational Health (ICOH). Bengaluru, India. |
| June 16, 2023  | <i>Implications of Artificial Intelligence for Physiotherapy: Can it improve decisions?</i> Utrecht University 4th lustrum (20 years) symposium Master Physiotherapy Science: Will artificial intelligence reshape future physiotherapy science? Virtual Keynote Lecture              |
| Nov. 27, 2021  | <i>Using Machine Learning to Develop Clinical Decision Support Tools in Rehabilitation.</i> 12th Pan-Pacific Conference on Rehabilitation, Virtual Conference   |

- June 4, 2021 *Virtual Rehabilitation Assessment and Treatment: Does it work?* Pain Society of Alberta: Looking Through the Lens of Virtual Pain Care, Virtual Conference
- April 23, 2021 *Virtual Care in a Rehabilitation Setting: Does it work?* Lifemark National Conference – A 2021 Approach to Mental Health Management and Virtual Rehabilitation, Virtual Conference
- Sept. 22, 2018 *The Need for an International Functional Capacity Evaluation Clinical Practice Guideline.* 4<sup>th</sup> International FCE Research Conference, Valens, Switzerland.
- Sept. 22, 2016 *Computer Decision Support Tools for Selecting Interventions for Patients with Disabling Musculoskeletal Disorders.* Physiotherapy & Technology Symposium: How does technology improve decisions in physiotherapy? Saxion University, Enschede, The Netherlands.
- Mar. 29, 2014 *Problems and Prevention in the Ageing Workforce.* Healthy Working into Old Age Symposium, The Chinese University of Hong Kong Department of Orthopaedics and Traumatology, Prince of Wales Hospital, Hong Kong Special Administrative Region.
- Mar. 30, 2014 *Work Disability Prevention.* Guangdong/Hong Kong Work Rehabilitation Experience Sharing Symposium, Guangzhou, People's Republic of China.
- July 10, 2013 *Mass Media Campaigns for Preventing Work Disability: When Education Isn't Enough.* PREMUS: 8<sup>th</sup> International Conference on Prevention of Work-Related Musculoskeletal Disorders, Busan, Korea.
- Aug. 30, 2013 *Functional Capacity Evaluation: The Canadian Perspective.* Swiss Rehabilitation Ergonomics Association Annual Training Day 2013, Valens, Switzerland.
- April 18, 2013 *Staying Well...Despite the Health Care System.* College of Licensed Practical Nurses of Alberta 2013 Spring Conference, Banff, AB.
- Oct. 25, 2012 *FCE: The Case for Generic Protocols.* 1<sup>st</sup> International Functional Capacity Evaluation Research Meeting. Haren, The Netherlands.
- July 18, 2012 *Providing the Right Rehabilitation at the Right Time.* 32<sup>nd</sup> Annual US National Workers' Compensation and Occupational Medicine Conference, Plenary Talk, Hyannis, MA, USA
- Oct. 27, 2011 *Advances in Work Disability Assessment and Prevention: From Silos to Systems.* Australian Physiotherapy Conference Occupational Health Session, Brisbane, Australia.
- Oct. 16, 2004 *Low Back Pain: The Role of Functional Assessment and Implications on Exercise Prescription.* Canadian Society for Exercise Physiology Annual Scientific Meeting. Saskatoon, Saskatchewan.
- Dec. 13, 2002 *Measurement Properties of Performance-Based Assessment of Functional Capacity.* Ergonomics and Musculoskeletal Disorders: Job and Worker Considerations for Preventing Disability. Berkeley, California

#### *Invited Plenary Presentations*

- Nov. 30, 2023 Physiotherapy Management of Injured Workers. Alberta Industry Task Force, Virtual session.
- June 19, 2023 Global statements to produce and implement evidence in the post-COVID-19 era provide a path forward for rehabilitation. Ontario Tech University Institute for Disability and Rehabilitation Research Weekly Seminar Series. Stefano Negrini and Douglas Gross, Virtual session.
- June 8, 2023 Research and Innovation in Long COVID- 2023 Update. Alberta Health Services Long COVID Webinar & Podcast Series Episode #7. Virtual session.
- April 21, 2023 Social Engagement and Employment Among People with Long COVID. Plenary talk at the *Rehabilitation Science Research Network for COVID: International Forum on COVID Rehabilitation Research.* Toronto, Ontario.
- Nov. 29, 2022 Exploratory Work Disability Prevention Research in Posttraumatic Stress Injury and Long COVID. Plenary session at the *Institute for Work & Health*, Virtual Session.
- Oct. 14, 2022 The Importance of Accommodating Workplaces. Session on Workability and Return to Work at the *Pain Society of Alberta's World Pain Summit*, Virtual Session.
- Sept. 23, 2022 Launch of Recommendations for Employers, Insurers, Human Resource Personnel, and Rehabilitation Professionals on Return to Work for People Living with Long COVID. Plenary session with Jessica Demars, Kelly O'Brien and Alyssa Minor at the *First National Deliberative Dialogue on*

- Long COVID, Episodic Disability & Employment in Canada, Virtual meeting organized by REALIZE Canada.*
- Sept. 19, 2022 Pain & Work: Evidence Based Practice to Enhance Work Participation and Quality of Life. Pre-Conference Refresher Session with Michiel Reneman and Behdin Nowrouzi-Kia at 2022 *International Association for the Study of Pain (IASP) World Congress*. Toronto, Ontario.
- Sept. 9, 2022 What is Safe Long COVID Rehabilitation? Discussion session at *Long COVID Physio International Forum*, Virtual Session.
- Sept. 8, 2022 Long COVID and Return-to-Work. *International Federation of Physical Therapists working in Occupational Health and Ergonomics (IFPTOHE)*. Working Together Webinar Series: #4 Successful Return to Work, Virtual Session.
- Nov. 24, 2021 Preliminary Findings on the Need for Targeted Post-COVID-19 Mental Health Supports. *Alberta Health Services Post COVID Task Force Meeting*, Virtual Session.
- Dec. 4, 2020 COVID-19: Challenges of returning to work or staying at work during a pandemic. *Work Wellness Institute Webinar*, Virtual Session.
- May 13, 2019 Low Back Pain: A Global Call for Action Among Physiotherapists. Panel Discussion with Lancet Series Co-authors at *World Confederation of Physical Therapy Congress*, Geneva, Switzerland.
- May 9, 2019 Occupational Health and Ergonomics in Canada. Inaugural meeting of the *International Federation of Physical Therapists in Occupational Health and Ergonomics*, Geneva, Switzerland.
- Nov. 14, 2018 *Management of Low Back Pain*. University of Alberta Alumni Association Educated Luncheon. Edmonton, Alberta with live video link to Camrose and Calgary satellite campuses.
- Oct. 20, 2018 *Chronic pain, Disability, and Return to Work Evidence and Issues*. Pain Society of Alberta Annual Conference. Banff, Alberta.
- Sept. 19, 2018 *THE LANCET 2018 – A global call for action on prevention and treatment of low back pain*. Bern University of Applied Sciences Department of Health Professions Guest Lecture (live videolink to 40 locations around Switzerland as well as sites in the Netherlands, USA, and Canada)
- June 13, 2018 *Low Back Pain Prevention: Communication, marketing, and other approaches to behaviour change*. University of Lethbridge Dhillon School of Business Burns' Scholar Lecture, Lethbridge, AB.
- April 15, 2018 *The Management of Chronic Low Back Pain*. Care Pathways for Traffic Injury Management in Ontario. Canadian Memorial Chiropractic College, Toronto, ON (rescheduled as a webinar on May 2 due to inclement weather leading to cancelation of the conference's second day).
- Dec. 14, 2017 *Motivational Interviewing for Injured Workers*. Webinar for Physiotherapy Alberta: College + Association, Webinar.
- Oct. 25, 2017 *What are the Experiences of Rehabilitation Interventions such as Motivational Interviewing or Therapeutic Alliance?* Interdisciplinary Spine Forum: Early Return to Work. North American Spine Society 2017 Annual Meeting, Orlando, Florida.
- Oct. 12, 2017 *Promising Bio-Psycho-Social Interventions for Reducing Disability From Back Pain*. University of Alberta Department of Physical Therapy Public Lecture.
- Dec. 1, 2016 *Clinical Decision Support Tools in the Management of Work-Related Musculoskeletal Disorders*. Canadian Institute for the Relief of Pain and Suffering Webinar.
- Oct. 28, 2016 *Societal Perceptions in Back Disability: Are They Modifiable?* Optimizing Value and Outcomes in Spine Care Forum: The Key Role of Psychologically-Informed Practice. North American Spine Society 2016 Annual Meeting, Boston, Massachusetts.
- Oct. 26, 2016 *Work Ability Assessment: What is the Evidence?* Interdisciplinary Spine Forum: Early Return to Work. North American Spine Society 2016 Annual Meeting, Boston, Massachusetts.
- July 28, 2015 *Therapeutic Alliance: Components and Influence on Clinical Outcomes*, American Physical Therapy Association Section on Research Retreat: Piecing Together The Pain Puzzle: The Biopsychosocial Model, Bryant University, Smithfield, Rhode Island.
- April 7, 2016 *Clinical Decision Support Tools and Employability in Canada.*, Sustained Health and Innovative Strategies For Technological Implementation Project Stakeholder Meeting. Saxion University, Enschede, The Netherlands.

June 25, 2015	Millard Health Lunch-and-Learn Training Session, Workers' Compensation Board of Alberta Millard Health, Edmonton, AB.
June 24, 2015	<i>Ageing Workers with Musculoskeletal Disorders</i> , Environmental Health and Safety Training Meeting, University of Alberta, Edmonton, AB.
Oct. 17, 2014	<i>Research Presentation on Work Assessment</i> , Alberta Occupational Therapy Medico-legal Interest Group, Edmonton, AB.
April 9, 2014	<i>Presentation on Inter-professional Collaboration</i> , Polytechnic University, Hong Kong Special Administrative Region.
Mar. 31, 2014	<i>Advances in Work Rehabilitation Research</i> . Department of Rehabilitation Medicine Plenary Session, Sun Yat-sen University and Affiliated Hospitals, Guangzhou, People's Republic of China.
Mar. 25, 2014	<i>Advances in Work Disability Prevention Research</i> . Plenary Research Presentation, Department of Rehabilitation Sciences, Polytechnic University, Hong Kong Special Administrative Region.
Feb. 7, 2014	Manitoba Physiotherapy Association's Plenary Lecture (Presentation provided by WCB-Manitoba and Manitoba Public Insurance and available through MBTelehealth), Winnipeg, Manitoba.
Sept. 27, 2013	Vocational Rehabilitation Association of Canada – Alberta Society Annual General Meeting, Invited Presentation, Red Deer, AB.
Sept. 2, 2013	Hanzehogeschool Groningen, University of Applied Sciences, Invited Plenary Talk, Groningen, The Netherlands.
Aug. 28, 2013	Bellikon Rehabilitation Clinic, Plenary Presentation, Bellikon, Switzerland.
Aug. 7, 2013	University Medical Center Groningen Beatrixoord Rehabilitation Centre, Plenary Presentation, Haren, The Netherlands.
Jan. 24, 2013	Physiotherapy Alberta Webinar
Feb. 29, 2012	Infonex Occupational Health & Safety Conference, Calgary, AB
Oct. 29, 2011	Australian Physiotherapy Conference Occupational Health Lecture and Roundtable Discussion on Knowledge Translation, Brisbane, Australia.
March 18, 2011	International Forum XI on Primary Care Research on Low Back Pain, The Role of Mass Media Campaigns plenary talk, Melbourne, Australia
March 15, 2011	Melbourne University Accident Research Centre, Social Marketing Research Presentation, Melbourne, Australia
March 14, 2011	University of Queensland, School of Rehabilitation Science, Research Update, Brisbane, Australia
Dec. 3, 2010	North Carolina 'Advocates for Justice' 17 <sup>th</sup> Annual Workplace Torts and Workers' Compensation Conference, Chapel Hill, North Carolina
May 12, 2010	National Organization of Social Security Claimants' Representatives (NOSSCR) Spring Law Conference 2010, New Orleans, LA, USA
May 11, 2010	Institute for Work and Health 'Plenary Session', Toronto, ON
Mar. 12-15, 2010	Hong Kong Hospital Authority Institute for Advanced Health Studies, Hong Kong, China
Mar. 7, 2010	The Hong Kong Polytechnic University, Hong Kong, China
May 26, 2009	Alberta Health and Wellness 'Hot Topics' Session, Edmonton, AB
May 19, 2009	Cross Cancer Institute Grand Rounds, Edmonton, AB
Mar. 24, 2009	Workers' Compensation Board of Saskatchewan 2009 Compensation Institute, Saskatoon, SK
Mar. 9, 2009	Occupational Health and Safety Agency for Healthcare in British Columbia, Vancouver, BC
April 19, 2008	College of Physical Therapists of Alberta/ WCB-Alberta Joint Education Session, CPTA Annual General Meeting
Jan. 16, 2008	Edmonton Occupational Medicine Physicians' Seminars
May 10, 2007	Workers' Compensation Board of Alberta Medical Department Compensation Medicine Update
Nov. 22, 2006	Calgary Health Region Rehabilitation Services 9 <sup>th</sup> Best Practice Rounds, Telehealth Conference.
Oct. 24, 2006	10 <sup>th</sup> Journées Annuelles de Sante Publique. Preventing Work Disability: Symposium to Promote Concerted Action, Montreal, QC.
June 2, 2006	WorksafeBC Annual Provider Conference, Vancouver BC
May 27, 2006	British Columbia Association of Kinesiologists Annual Conference, Vancouver, BC.



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Oct. 27, 2005	Canadian Back Institute Teleconference, Alberta Clinics
Oct. 1-2, 2005	Canadian Kinesiology Alliance Biennial Meeting, Ottawa, ON.
April 22, 2005	Alberta Occupational Therapy Private Practise Group, Edmonton, AB
Nov. 27, 2004	Canadian Society for Exercise Physiology (Alberta Branch): Perspectives in Exercise Testing and Prescription Conference, Kananaskis, AB
Sept. 24, 2004	Isernhagen Work Systems' International Provider Conference Minneapolis, Minnesota
April 21, 2004	Occupational and Industrial Orthopedic Center, New York University Medical Center. New York, New York
Oct. 17, 2003	University of Alberta Department of Medicine Grand Rounds Edmonton, Alberta
Nov. 29, 2002	University Of Alberta Killam Trusts 35 <sup>th</sup> Anniversary Conference. Thesis-related poster presentation. Edmonton, Alberta.
Sept. 14, 2002	Back and Neck Pain: An Update Conference. Edmonton, Alberta
Sept. 22, 2001	Isernhagen Work Systems' International Provider Conference Duluth, Minnesota

#### *Invited Courses/Workshops Taught*

Sept. 24, 2023	Gross DP, Collie A, Maikala R, Joseph B. <i>Scientific Publishing in Occupational Health</i> . 2023 International Conference of the Work Disability Prevention and Integration (WDPI) Scientific Committee of the International Commission on Occupational Health (ICOH). Bengaluru, India, September 20-26, 2023.
Sept. 24, 2023	Six Dijkstra M and Gross DP. <i>Exploring the Arena of Work Disability Prevention Model for Stay at Work Factors Among Industrial Workers: A System Approach</i> . 2023 International Conference of the Work Disability Prevention and Integration (WDPI) Scientific Committee of the International Commission on Occupational Health (ICOH). Bengaluru, India, September 20-26, 2023.
Sept. 21, 2023	Ravindran D, Gross DP, Stockbridge S, Malyon H, Ryan C. <i>Long Covid in the Employee: Assessment, Management, and Return to Work</i> . Pre-conference workshop at 2023 PREMUS/WDPI/Myopain. Bengaluru, India.
2021-2022	<i>What Every Physical Therapist Should Know About the Current State of Evidence-Informed Practice</i> . 3-Part Webinar Series organized by Physiotherapy Alberta.
Sept. 16, 2021	<i>Performance Based Measures: How to Interpret and Use Results in Insurance Medicine and Vocational Rehabilitation</i> . European Union of Medicine in Assurance and Social Security (EUMASS) Congress 2021 Workshop, Basel, Switzerland.
June 14, 2018	<i>Publishing in Health Journals</i> . Workshop for graduate students in the University of Lethbridge Dhillon School of Business, Lethbridge, AB.
June 2, 2017	<i>Motivational interviewing complements work rehabilitation practice with injured workers workshop</i> , Joanne Park and Douglas P. Gross, Canadian Institute for the Relief of Pain and Disability conference 'Safe, Healthy, and Productive Workplaces.' Vancouver, BC.
June 11, 2015	<i>Determinants of RTW Outcomes Course</i> , CIHR Work Disability Prevention Training Program, University of Toronto, Dalla Lana School of Public Health, Toronto, ON.
May 2-11, 2015	<i>Introductory and Advanced Functional Capacity Evaluation Workshops</i> , Johannesburg, Durban and Cape Town, South Africa.
April 8, 2015	<i>Clinical Decision Support Tools for Managing Disabling Musculoskeletal Disorders</i> . 2 workshops for WCB-Manitoba, Winnipeg, MB.
Dec. 5, 2014	<i>Fostering Change in Population Pain Beliefs and Behaviours: When Education Isn't Enough</i> . 2 workshops at the Calgary Pain Conference, University of Calgary, Calgary, AB.
June 5-6, 2014	<i>Determinants of RTW Outcomes Course</i> , CIHR Work Disability Prevention Training Program, University of Toronto, Dalla Lana School of Public Health, Toronto, ON.

- Mar – April, 2014 *Principles of Occupational Orthopaedics & Vocational Rehabilitation Course*, Chinese University Hong Kong Course, Hong Kong Special Administrative Region.
- April 10, 2014 *Functional Capacity Evaluation Workshop*, Hong Kong Sanatorium and Hospital, Hong Kong Special Administrative Region.
- Mar. 22, 2014 *Exercise Prescription and Workplace-based Interventions Workshop*, Hong Kong Physiotherapy Association, Hong Kong Special Administrative Region.
- Mar. 1-15, 2014 *Introductory and Advanced Functional Capacity Evaluation Workshops*, Occupational Therapy Australia, Canberra, Brisbane and Perth, Australia.
- July 19, 2012 *Functional Capacity Evaluation: Evidence and Issues Workshop*, 32<sup>nd</sup> Annual US National Workers' Compensation and Occupational Medicine Conference, Hyannis, MA, USA
- March 13, 2011 *Functional Capacity Evaluation Practical Workshop*, Australian Association of Occupational Therapists, Brisbane, Australia
- Nov. 12, 2010 *Return-to-Work Following Stroke Workshop*, Alberta Health Services Edmonton Area and North Zone 'Stroke Day' Edmonton, AB
- Oct. 9, 2004 *Risk Prediction: Using the Data Workshop*, Forum VII on Primary Care Research on Low-Back Pain, Edmonton, AB

#### Juried Presentations (Poster or Podium)

174. Brehon, K, Hung P, Miciak M, Brown D, Hoddinott L, Bostick G, Brown C, Chen S, Churchill K, Hall M, Hudon A, Hunter S, Perreault K, Wieler M, Lam G, Weatherald J, Skolnik K, **Gross DP**. *An Interpretive Description of Rehabilitation Experiences of People Living with Long COVID: Focus on Functional Testing and Graded Activity Programs*. 2023 International Conference of the Work Disability Prevention and Integration (WDPI) Scientific Committee of the International Commission on Occupational Health (ICOH). Bengaluru, India, September 20-26, 2023.
173. Nagra G, Brehon K, Miciak M, Gross DP. *Evaluating Effectiveness of Telerehabilitation Among Individuals Receiving Workers' Compensation in Alberta*. 2023 International Conference of the Work Disability Prevention and Integration (WDPI) Scientific Committee of the International Commission on Occupational Health (ICOH). Bengaluru, India, September 20-26, 2023. *Awarded best student presentation at the conference*.
172. Brehon K, Niemeläinen R, Hall M, Bostick G, Brown CA, Wieler M, Gross DP. *Characteristics and Prognostic Factors for Return-to-Work in Workers with Long COVID Undergoing Rehab: A Historical Cohort Study*. 2023 International Conference of the Work Disability Prevention and Integration (WDPI) Scientific Committee of the International Commission on Occupational Health (ICOH). Bengaluru, India, September 20-26, 2023. *Awarded best overall presentation at the conference*.
171. Brehon, K, Hung P, Miciak M, Brown D, Hoddinott L, Bostick G, Brown C, Chen S, Churchill K, Hall M, Hudon A, Hunter S, Perreault K, Wieler M, Lam G, Weatherald J, Skolnik K, **Gross DP**. *None of Us Are Lying: An Interpretive Description of the Journey to Access Quality Rehabilitation by Individuals with Long COVID*. 2023 Canadian Physiotherapy Association Congress, July 13-15, 2023, Quebec City, QC.
171. Duclos-Beaudoin E, Gosselin G, Perreault A, Hudon A, Desmeules F, Auger C, Churchill K, **Gross D**, Kairy D, Lamontagne ME, Bostick G, Perreault K. *Quels sont les barrières et facilitateurs à l'implantation d'une ligne de consultation téléphonique d'ergothérapie et de physiothérapie au Québec? Conférence annuelle 2023 de l'Association canadienne pour la recherche sur les services et les politiques de la santé*. May 29 – 31, 2023, Montréal, QC.
170. Hung P, **Gross DP**, Storey K, Forhan M. Describing participation in everyday activities outside the home for adults with obesity: a proposed focused ethnography using geospatial methods. Poster presentation at: *International Congress on Academic Medicine*, May 2023, Quebec City, QC. (One student in the top 5% of PhD students is nominated by the Faculty of Rehabilitation Medicine to present at this conference)
169. Hung P, **Gross DP**, Storey K, Forhan M. Describing occupational participation outside the home for adults with obesity. Poster presentation at: *Canadian Association of Occupational Therapists Conference*, May 2023, Saskatoon, SK.

168. Hung P, **Gross DP**, Storey K, Forhan M. Describing perceptions and experiences of participation outside the home for adults living with obesity: a proposed focused ethnography. Poster presentation at: *The 8th Canadian Obesity Summit*, May 2023, Whistler, BC.
167. Hung P, **Gross DP**, Storey K, Forhan M. Understanding how adults with obesity participate in daily activities outside the home: a proposed focused ethnography using geospatial methods. Poster presented at: *1st Annual Health Geography Symposium for PhD and emerging researchers 2022, International Geographical Union Commission on Health and the Environment*, December 2022 (Virtual conference).
166. Hung P, **Gross DP**, Storey K, Forhan M. Participation in daily activities outside the home for adults with obesity: a proposed mixed methods study using ethnography and geospatial methods. Poster presented at: *2022 Northwest SPOR Collaborative Forum*, October 2022, Edmonton, AB.
165. Hung P, **Gross DP**, Storey K, Forhan M. Understanding how adults with obesity participate in daily activities outside the home: a proposed mixed methods study using ethnography and participatory geospatial methods. *Faculty of Rehabilitation Medicine Rehabilitation Research Day*, May 2022, University of Alberta. (Awarded Best Poster)
164. Macedo L, Jazinizadeh F, Carlesso L, Astephen-Wilson J, **Gross D**, Fisher C, Hall H, Neil M, Thomas K, McIntosh G, Drew B, Rampersaud R. Predicting recovery after lumbar spinal stenosis surgery: a historical cohort study using data from the Canadian Spine Outcomes Research Network (CSORN). *Annual meeting of the International Society of the Study of the Lumbar Spine*, May 9-13 2022, Boston, USA.
163. Duclos-Beaudoin E, Gosselin G, Perreault A, Hudon A, Desmeules F, Auger C, Churchill K, **Gross DP**, Kairy D, Lamontagne M-E, Bostick G, Perreault K. Barrières et facilitateurs liés à l'implantation d'un service téléphonique gratuit de réadaptation au Québec: Résultats préliminaires d'une étude qualitative [Barriers and facilitators related to the implementation of a free telephone rehabilitation service in Quebec: Preliminary results of a qualitative study]. *89th Acfas Virtual Congress*. May 9-13, 2022.
162. McCabe E, **Gross DP**, Bulut O. Improving the efficiency of patient-reported outcome measurement: Procedures for developing a computerized adaptive test to assess physical functioning. *2022 Canadian Association for Health Services and Policy Research conference*. Virtual. Oral presentation. May 31- June 2, 2022.
161. Rachor G, Krebs B, Yamamoto S, Dick B, Brown C, Senthilselvan A, Straube S, Els C, Jackson T, Voaklander D, Bremault-Phillips S, Berry T, Stastny J, **Gross DP**. Worker Characteristics and Factors Associated with Return-to-Work Among Workers with or without Co-Occurring Posttraumatic Stress Injuries and Physical Injuries, *33rd International Congress of Occupational Health*, e-Poster, February 6-10, 2022.
160. Roberts R, Slade T, Cancelliere C, Golabchi A, Guptill C, Hrynychuk C, Lemay D, Miller L, Roberts M, Straube S, Voaklander D, **Gross D**. Effective use of musculoskeletal injury risk factor screening tools – a systematic review. *33rd International Congress of Occupational Health*, e-Poster, February 6-10, 2022.
159. McCabe E, **Gross DP**, Bulut O. Improving the efficiency of patient-reported outcome measurement: Procedures for developing a computerized adaptive test to assess physical functioning. *Canadian Association for Health Services and Policy Research*. Virtual conference. May 31- June 2, 2022
158. McCabe E, Miciak M, Roduta Roberts M, Sun L, **Gross DP**. Development and validation of the Physiotherapy Therapeutic Relationship Measure in people with bleeding disorders. *World Hemophilia Federation 2022 World Congress*. Poster presentation. Montreal, Canada, May 8-11, 2022.
157. McCabe E, Miciak M, Roduta Roberts M, Sun L, **Gross DP**. Development and validation of the Physiotherapy Therapeutic Relationship Measure. *Canadian Physiotherapy Association Congress*. Podium presentation. Virtual conference. May 12-15, 2022.
156. Slade T, Guptill C, **Gross D**. Consideration of gendered social factors in pain research. Poster presented at the *14<sup>th</sup> Women and Children's Health Research Institute (WCHRI) Research Day Conference*. Edmonton, AB, Online November 3-4, 2021.
155. Harasym J, Phelan S, **Gross D**. (Mis)Understandings about Communication Post-Concussion: A Proposal for a Qualitative Collective Case Study Investigating Perspectives of Youth and their Families. Poster presented at the *14<sup>th</sup> Women and Children's Health Research Institute (WCHRI) Research Day Conference*. Edmonton, AB, Online November 3-4, 2021.

154. Dijkstra MS, Siebrand E, Dorrestijn S, Salomans E, Reneman MF, Oosterveld FGJ, Soer R, **Gross DP**, Bieleman H. Ethical Considerations of Using Machine Learning for Decision Support in Occupational Physical Therapy: A Narrative Literature Study and Ethical Deliberation. *World Congress of Physical Therapy*, Online April 9-11, 2021.
153. **Gross DP**. Development, Evaluation, and Implementation of Rehabilitation Strategies Suitable for Telehealth. *Neuroscience-Rehabilitation-Vision Strategic Clinical Network Research Summit*. December 8, 2020.
152. Edelaar MJA, **Gross DP**, James CJ, Reneman MR. Functional Capacity Evaluation Research: Report from the International Functional Capacity Evaluation Research Meeting. E-Poster presentation at the *2020 Pain Alliance in the Netherlands Conference*. October 5, 2020.
151. **Gross DP**, Niemeläinen R, Asante A, Pawluk J. Implementation of remote rehabilitation services by WCB-Alberta due to COVID-19. Special Emphasis Oral Presentation at *Canadian Bone and Joint Conference*. June 12, 2020.
150. Dijkstra MS, Soer R, Oosterveld F, Reneman MF, **Gross DP**. Circle of Sustainable Employability: a framework based on a scoping review. *1st International Partnership for European Research in Occupational Safety and Health conference on Prolonging Working Life*, May 25, 2020 (Online conference).
149. McCabe, E, Miciak, M, Sun, L, Roduta Roberts, M, **Gross, DP**. Developing a Measure of Therapeutic Relationship for the Physiotherapy Care of Patients with Hemophilia. Virtual poster presentation at the *World Hemophilia Federation Virtual Summit*. June 14-19, 2020.
148. Hannaford A, Trudell R, Jones C, **Gross DP**, Brémault-Phillips S. (2020). Clinical workload overview of the physiotherapy services provided by deployed Canadian Armed Forces (CAF) Physiotherapy Officers (PTO) during the initial rotations of Operation REASSURANCE. *5th Annual International Congress for Solider Physical Performance*, Quebec City, QC. February 11 to 17, 2020.
147. Holt CJ, McKay CD, Truong LK, Le CY, **Gross DP**, Whittaker JL. Sticking to it: A Scoping Review of Adherence to Exercise Therapy Interventions in Children and Adolescents with Musculoskeletal Conditions. *Women and Children's Health Research Institute Research Day*. Edmonton, Alberta. November 6, 2019.
146. Suman A, Armijo-Olivo S, Deshpande S, Marietta-Vasquez J, Dennett L, Miciak M, Reneman MF, Werner E, Straube S, Buchbinder R **Gross DP**. Mass media campaigns for back pain: a systematic review. *International Forum for Back and Neck Pain Research in Primary Care Research*, Quebec City, Quebec, July 3-5, 2019.
145. Sullivan V, Wilson M, **Gross DP**, Jensen OK, Shaw W, Steenstra I, Hayden JA. Expectations for return to work predict return to work in workers with low back pain. *Back and Neck Pain Forum for Primary Care Research*, Quebec City, Quebec, July 3-5, 2019.
144. Holt CJ, McKay C, Truong L, Le CY, **Gross DP**, Whittaker JL. Sticking to it: Adherence to Exercise Therapy Interventions. *Vi Riddell Pediatric Rehabilitation Research Symposium*, University of Calgary, Calgary, Canada. May 22, 2019.
143. Holt CJ, McKay C, Truong L, Le CY, **Gross DP**, Whittaker JL. Sticking to it: A Scoping Review of Adherence to Exercise Therapy Interventions in Youth with Musculoskeletal Disorders. *Faculty of Rehabilitation Medicine Rehabilitation Research Day*, University of Alberta, Edmonton, Canada. May 24, 2019.
142. Six Dijkstra M, Soer R, Bieleman A, McCraty R, Oosterveld F, **Gross DP**, Reneman M. Exploring a 1-minute paced deep-breathing measurement of heart rate variability as part of a workers' health assessment. *World Confederation of Physical Therapy Congress*, Geneva, Switzerland, May 2019.
141. Echeita JA, Bethge M, van Holland BJ, **Gross DP**, Kool J, Oesch P, Trippolini MA, Chapman E, Cheng ASK, Sellars R, Spavins M, Streibelt M, van der Wurff P, Reneman MF. Functional Capacity Evaluation in different societal contexts: Results of a multicountry study. *World Confederation of Physical Therapy Congress*, Geneva, Switzerland, May 2019.
140. **Gross DP**, Steenstra IA, Shaw WS, Yousefi P, Bellinger C, Zaïane O. Validation of the Work Assessment Triage Tool for Selecting Rehabilitation Interventions for Injured Workers, *5<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration*, Odense, Denmark, June 4-7, 2019.
139. **Gross DP**, Berry T, Blanchard I, Brémault-Phillips S, Brown C, Dick B, Els C, Jackson T, Joannou M, McIntosh C, Senthilselvan A, Straube S, Voaklander D, Yamamoto S. A Descriptive Study of Public Safety Personnel Undergoing Treatment for Work-Related Post-Traumatic Stress Injuries, *5<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration*, Odense, Denmark, June 4-7, 2019.



138. **Gross DP**, Battié MC, Lo TKT. Better Macroeconomic Performance is Associated with Shorter Disability Duration in Canadian Workers' Compensation Claimants, *5<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration*, Odense, Denmark, June 4-7, 2019.
137. Chughtai T, Manns PJ, Muir I, **Gross DP**. Factors Associated with Performance on Short-Form Functional Capacity Evaluation in Workers' Compensation Claimants, *5<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration*, Odense, Denmark, June 4-7, 2019.
136. McCabe E, **Gross DP**, Bulut O. Procedures to Develop a Computerized Adaptive Test to Assess Patient-Reported Physical Functioning, *World Confederation of Physical Therapy Congress*, Geneva, Switzerland, May 2019.
135. Chughtai T, Manns PJ, Muir I, **Gross DP**. Factors Associated with Performance on Short-Form Functional Capacity Evaluation in Workers' Compensation Claimants, *World Confederation of Physical Therapy Congress*, Geneva, Switzerland, May 2019.
134. Branton E, Schell S, Rasmuson L, Johnston D, Wiart L, **Gross DP**. Accuracy of Motor Assessment in the Diagnosis of FASD. *8th International Conference on Fetal Alcohol Spectrum Disorder: Research, Results and Relevance*, Vancouver B.C., March 6-9, 2019.
133. **Gross DP**, Emery D, Long A, Reese H, Whittaker JL. A descriptive study of physiotherapist use of publicly funded diagnostic imaging modalities in Alberta, Canada. *World Confederation of Physical Therapy Congress*, Geneva, Switzerland, May 2019.
132. Miciak M, Mayan M, Brown C, Joyce AS, **Gross DP**. Elements of the bond between physiotherapists and patients: An interpretive description study of therapeutic relationship. *World Confederation for Physical Therapy Congress 2019*. Geneva, Switzerland, May 2019.
131. **Gross DP**, Steenstra IA, Shaw WS, Yousefi P, Bellinger C, Zaïane O. Validation of the Work Assessment Triage Tool for Selecting Rehabilitation Interventions for Injured Workers. *2018 Annual Conference of the Society for Back Pain Research*, Groningen, the Netherlands, November 15 & 16, 2018.
130. Johnston D, Branton E, Schell S, Rasmuson L, Wiart L, **Gross DP**. Accuracy of Motor Assessment in the Diagnosis of FASD. *Quality and Safety Summit 2018*, Calgary, Alberta, October 17 - 18, 2018.
129. Holt CJ, McKay C, Truong L, Le CY, **Gross DP**, Whittaker JL. Sticking to it: A Scoping Review of Adherence to Exercise Therapy Interventions in Children and Adolescents (Proposal). *Women's & Children's Health Research Institute Research Day*, Edmonton, Canada, October 2018.
128. Holt CJ, McKay C, Truong L, Le CY, **Gross DP**, Whittaker JL. Sticking to it: A Scoping Review of Adherence to Exercise Therapy Interventions in Children and Adolescents (Proposal). *Campus Alberta Student Conference on Health*, University of Calgary, Calgary, Canada, September 2018.
127. Holt CJ, McKay C, Truong L, Le CY, **Gross DP**, Whittaker JL. Sticking to it: A Scoping Review of Adherence to Exercise Therapy Interventions in Children and Adolescents (Proposal). *Research and Community Engagement Symposium*, Faculty of Kinesiology, University of Calgary, Calgary, Canada, June 2018.
126. Chughtai T, Manns PJ, Muir I, **Gross DP**. Factors Associated with Performance on Short-Form Functional Capacity Evaluation in Workers' Compensation Claimants, *4th International Functional Capacity Evaluation Research Conference*, Valens, Switzerland, Sept. 21-22, 2018.
125. McCabe E, **Gross DP**, Bulut O. Procedures to Develop a Computerized Adaptive Test to Assess Patient-Reported Physical Functioning, *4th International Functional Capacity Evaluation Research Conference*, Valens, Switzerland, Sept. 21-22, 2018.
124. McCabe E, Miciak M, Dennett L, Manns T, Guptill C, Hall J, **Gross DP**. The measurement of therapeutic relationship in the care of patients with haemophilia: a scoping review. *World Federation of Hemophilia World Congress*. Glasgow, Scotland, May 20-24, 2018.
123. Suman A, Bostick GP, Schopflocher D, Russell AS, Ferrari R, Battié MC, Hu R, Buchbinder R, **Gross DP**. Long-Term Evaluation of a Canadian Back Pain Mass Media Campaign. *45<sup>th</sup> Annual Meeting of the International Society for the Study of the Lumbar Spine*, Banff, Alberta, May 14-18, 2018.
122. Suman A, Bostick GP, Schaafsma FG, Anema JR, **Gross DP**. Associations between determinants of socioeconomic status, beliefs about back pain, and exposure to a mass media back pain campaign. *45<sup>th</sup> Annual Meeting of the International Society for the Study of the Lumbar Spine*, Banff, Alberta, May 14-18, 2018.

121. Johnston D, Branton E, Schell S, Rasmuson L, Wiart L, **Gross DP**. Fine Motor, Gross Motor or Combined? The Accuracy of Motor Assessment in the Diagnosis of FASD. *2017 Canadian National Fetal Alcohol Syndrome Disorder (FASD) Conference*, Calgary, Alberta, October 24 – 27, 2017.
120. Suman A, Bostick GP, Schopflocher D, Russell AS, Ferrari R, Battié MC, Hu R, Buchbinder R, **Gross DP**. Long-Term Evaluation of a Canadian Mass Media Campaign Promoting Physical Activity During Low Back Pain. *2018 Active Living Research Conference*, Banff, Alberta, February 11-14, 2018.
119. Branton E, Schell S, Rasmuson L, Johnston D, Wiart L, **Gross DP**. Importance of Physiotherapy in FASD Diagnosis. *Connect + Learn Physiotherapy Alberta Conference*, Kananaskis, Alberta, October 27 – 29, 2017.
118. McCabe E, **Gross DP**, Bulut O. Developing computerized adaptive tests to improve the efficiency of patient-reported outcome assessment: Clinically feasible procedures. *Glenrose Rehabilitation Hospital Spotlight on Research Breakfast*, Edmonton, AB, Nov. 22, 2017.
117. Suman A, Bostick GP, Schopflocher D, Russell AS, Ferrari R, Battié MC, Hu R, Buchbinder R, **Gross DP**. Long-Term Evaluation of a Canadian Back Pain Mass Media Campaign. *International Back and Neck Pain Research Forum 2017*, Oslo, Norway, Sept. 12-15, 2017.
116. Suman A, Bostick GP; Schaafsma FG, Anema JR, **Gross DP**. Associations between measures of socio-economic status, beliefs about back pain, and exposure to a mass media campaign to improve back beliefs. *International Back and Neck Pain Research Forum 2017*, Oslo, Norway, Sept. 12-15, 2017.
115. Miciak M, Mayan M, Brown C, Joyce A, **Gross DP**. Introducing a Conceptual Framework and Definition of the Therapeutic Relationship in Physiotherapy. *World Congress of Physical Therapy*, Cape Town, South Africa, July 2-4, 2017.
114. Park J, Esmail E, Rayani F, Norris C, **Gross DP**. Motivational interviewing facilitates improved and sustainable return-to-work outcomes for injured workers: results of a cluster randomized control trial. *Canadian Institute for the Relief of Pain and Disability conference 'Safe, Healthy, and Productive Workplaces.'* Vancouver, BC, June 1-3, 2017.
113. Carr E, Wallace J, and an interdisciplinary team including **Gross DP**. Evaluating the benefits of dog ownership for people with chronic pain: Informing a public health program. *Campus Alberta Health Outcomes and Public Health Annual Provincial Forum*. Edmonton, AB, May 16, 2017.
112. McCabe E, Miciak M, Mulder K, **Gross DP**. Assessment of therapeutic relationships in haemophilia care. Canadian Hemophilia Society Rendez-vous 2017 Congress. Toronto, ON. May 25-27, 2017.
111. McCabe E, Miciak M, **Gross DP**. How are we assessing therapeutic relationships in hemophilia care? World Federation of Hemophilia Musculoskeletal Congress. Seoul, South Korea, May 5-7, 2017.
110. McCabe E, Miciak M, Mulder K, **Gross DP**. Assessment of Therapeutic Relationships in Haemophilia. 10<sup>th</sup> Annual Congress of the European Association for Haemophilia and Allied Disorders, Paris, France, Feb. 1- Feb. 3, 2017.
109. Karpman J, Manns PJ, Tomkins-Lane C, **Gross DP**. Do Wearable Fitness Devices Correlate With Performance-Based Tests of Work-Related Functional Capacity? 3<sup>rd</sup> International Functional Capacity Evaluation Research Conference, Heliomare - Wijk aan Zee, The Netherlands, Sept. 29, 2016.
108. **Gross DP** and Williams-Whitt K. A critique of administrative/claims measures of RTW and their validity evidence. 4<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration, Amsterdam, the Netherlands, Sept. 25-Sept. 28, 2016.
107. Colangelo A, Abada A, Haws C, Park J, Niemeläinen R, **Gross DP**. Word Memory Test Predicts Recovery in Claimants with Work-Related Head Injury. 4<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration, Amsterdam, the Netherlands, Sept. 25-Sept. 28, 2016.
106. Park JY, Esmail S, Rayani F, Norris CM, **Gross DP**. Motivational Interviewing for Injured Workers: Results of a Cluster Randomized Control Trial. 4<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration, Amsterdam, the Netherlands, Sept. 25-Sept. 28, 2016.
105. Armijo-Olivo S, Woodhouse LJ, Steenstra IA, **Gross DP**. The added value of the DASH tool when predicting return to work for injured workers with musculoskeletal disorders of the upper extremity. 4<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration, Amsterdam, the Netherlands, Sept. 25-Sept. 28, 2016.
104. Steenstra IA, Cullen K, van Eerd D, Mahood Q, Irvin E, Geary J, **Gross DP**, Alavinia M, Algarni F, Yazdani A, Beaton D, Gignac M. Determinants of work participation in older workers; results from a systematic review of

- intervention studies. 4<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration, Amsterdam, the Netherlands, Sept. 25-Sept. 28, 2016.
103. Steenstra IA, Cullen K, van Eerd D, Mahood Q, Irvin E, Geary J, **Gross DP**, Alavinia M, Yazdani A, Beaton D, Algarni F. Work disability prevention outcomes in older workers; results from a systematic review of prognostic studies. 4<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration, Amsterdam, the Netherlands, Sept. 25-Sept. 28, 2016.
102. Algarni FS, **Gross DP**, Senthilselvan A, Battié MC. Prediction of occupational disability among younger and older workers after work-related musculoskeletal injuries. 4<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration, Amsterdam, the Netherlands, Sept. 25-Sept. 28, 2016.
101. Algarni FS, **Gross DP**, Senthilselvan A, Battié MC. Prognostic factors for receiving wage replacement benefits among older and younger workers participating in functional restoration programs. 4<sup>th</sup> Scientific Conference on Work Disability Prevention and Integration, Amsterdam, the Netherlands, Sept. 25-Sept. 28, 2016.
100. Algarni FS, **Gross DP**, Senthilselvan A, Battié MC. Do Prognostic Factors for Receiving Wage Replacement Benefits Differ Between Older and Younger Workers? 9th International Conference on the Prevention of Work-Related Musculoskeletal Disorders (PREMUS), Toronto, ON, June 21, 2016.
99. Algarni FS, **Gross DP**, Senthilselvan A, Battié MC. Age Differences in Prediction of Occupational Disability Three Months After Functional Restoration. 9th International Conference on the Prevention of Work-Related Musculoskeletal Disorders (PREMUS), Toronto, ON, June 21, 2016.
98. Six Dijkstra WMC, Soer R, Bieleman HJ, Behrmann M, McCraty R, Oosterveld FGI, **Gross DP**, Reneman MF. Exploring the diagnostic value of heart rate variability for sustained employability. 9th International Conference on the Prevention of Work-Related Musculoskeletal Disorders (PREMUS), Toronto, ON, June 21, 2016.
97. Steenstra IA, Cullen K, **Gross DP**. Preventing disability in older workers at risk for developing of musculoskeletal disorders or with musculoskeletal disorders. Pre-Conference Workshop at 9th International Conference on the Prevention of Work-Related Musculoskeletal Disorders (PREMUS), Toronto, ON, June 19, 2016.
96. Karpman J, Manns PJ, Tomkins-Lane C, **Gross DP**. Do Wearable Fitness Devices Correlate With Performance-Based Tests of Work-Related Functional Capacity. Faculty of Rehabilitation Medicine Research Day, June 3, 2016.
95. Park J, Esmail S, Rayani F, Norris, CM, **Gross DP**. Motivational Interviewing: An intervention for improving return to work outcomes. Canadian Association of Occupational Therapists National Conference, Banff, Alberta, April 19-22, 2016.
94. Jean LMY, Hallworth I, **Gross DP**, Chiu LZF. Ten Weeks Full Squat Training In Persons With Anterior Cruciate Ligament Injury: Preliminary Results. National Strength and Conditioning Association 2016 National Conference, New Orleans, LA, July 6-9, 2016.
93. Perigny-Lajoie S, Hebert JS, Parent E, **Gross DP**, Mohr A. The Return to Duty Intervention: An Interdisciplinary Approach for Service Members of the CAF with Physical and Non-physical Disorders. 6<sup>th</sup> Annual Military and Veteran Health Research Forum, Quebec City, QC, November 23-25, 2015.
92. Steenstra IA, Cullen K, Mahood Q, Irvin E, Yazdani A, Van Eerd D, Alavinia M, Beaton D, Gignac M, Scott-Marshall H, **Gross DP**, Geary J. Interventions to promote work participation in older workers: Results from a systematic review of intervention studies. Canadian Association on Gerontology 44<sup>th</sup> Annual Scientific and Educational Meeting, Calgary, AB, October 24, 2015.
91. Steenstra IA, Cullen K, Irvin E, Van Eerd D, Gignac M, Beaton D, Yazdani A, FS Algarni, **Gross DP**, Alavinia M, Scott-Marshall H, Geary J. Determinants of work participation in older workers: Results from a systematic review of prognostic studies. Canadian Association on Gerontology 44<sup>th</sup> Annual Scientific and Educational Meeting, Calgary, AB, October 24, 2015.
90. Algarni FS, **Gross DP**, Senthilselvan A, Battié MC. Do Prognostic Factors for Receiving Wage Replacement Benefits Differ Between Older and Younger Workers? Canadian Association on Gerontology 44<sup>th</sup> Annual Scientific and Educational Meeting, Calgary, AB, October 24, 2015.
89. Algarni FS, **Gross DP**, Senthilselvan A, Battié MC. Ageing workers with work-related musculoskeletal injuries. Canadian Association on Gerontology 44<sup>th</sup> Annual Scientific and Educational Meeting, Calgary, AB, October 24, 2015.

88. Algarni FS, **Gross DP**, Senthilselvan A, Battié MC. Do Prognostic Factors for Return to Work Differ Between Older and Younger Workers? Workers' Compensation Research Group Meeting, Liberty Mutual Research Institute for Safety, Hopkinton, MA, USA, March 3–4, 2015.
87. Algarni FS, **Gross DP**, Senthilselvan A, Battié MC. Ageing workers with work-related musculoskeletal injuries. Workers' Compensation Research Group Meeting, Liberty Mutual Research Institute for Safety, Hopkinton, MA, USA, March 3–4, 2015.
86. Wesner M, Defreitas T, Bredy H, Pothier L, Qin Z, McKillop A, **Gross DP**. A Pilot Evaluation of Platelet Rich Plasma Injection in the Degenerate Rotator Cuff. Canadian Academy of Sport and Exercise Medicine Annual Conference, Ottawa, ON, Feb. 14, 2015.
85. Wesner M, Defreitas T, Bredy H, Pothier L, Qin Z, McKillop A, **Gross DP**. An Evaluation of the Effectiveness of Platelet Rich Plasma Injection Treatment of Tendinopathy within a Sports Medicine Clinic. Canadian Academy of Sport and Exercise Medicine Annual Conference, Ottawa, ON, Feb. 14, 2015.
84. Steenstra IA, Alavinia M, Beaton D, Cullen K, Geary J, Gignac M, **Gross DP**, Irvin E, Loisel P, MacDonald S, Mahood Q, Pransky G, Puts M, Scott-Marshall H, Tompa E, Van Eerd D, Wilkie R, Yazdani A. A systematic review on the role of aging in return to work and stay at work. 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives (SHARP), Saskatoon, SK, Canada, October 19-22, 2014.
85. Steenstra IA, Alavinia M, Beaton D, Cullen K, Geary J, Gignac M, **Gross DP**, Irvin E, Loisel P, MacDonald S, Mahood Q, Pransky G, Puts M, Scott-Marshall H, Tompa E, Van Eerd D, Wilkie R, Yazdani A. A systematic review on the role of aging in return to work and stay at work. Canadian Association of Gerontology 2014: Landscapes of Aging, Niagara Falls, Ontario, October 16-18, 2014.
82. **Gross DP**, Asante AK, Miciak M, Battié MC, Carroll LJ, Sun A, Mikalsky M, Huellstrung R, Niemeläinen R. Are Performance-Based Functional Assessments Superior to Semi-Structured Interviews for Enhancing Return-To-Work Outcomes? 3<sup>rd</sup> Scientific Conference on Work Disability Prevention and Integration, Toronto, Ontario, Sept. 28-Oct. 1, 2014.
81. **Gross DP**, Asante AK, Miciak M, Battié MC, Carroll LJ, Sun A, Mikalsky M, Huellstrung R, Niemeläinen R. A Cluster Randomized Clinical Trial Comparing Functional Capacity Evaluation and Functional Interviewing as Components of Occupational Rehabilitation Programs. 3<sup>rd</sup> Scientific Conference on Work Disability Prevention and Integration, Toronto, Ontario, Sept. 28-Oct. 1, 2014.
80. Steenstra IA, Alavinia M, Beaton D, Cullen K, Geary J, Gignac M, **Gross DP**, Irvin E, Loisel P, MacDonald S, Mahood Q, Pransky G, Puts M, Scott-Marshall H, Tompa E, Van Eerd D, Wilkie R, Yazdani A. A systematic review on the role of aging in return to work and stay at work. 3<sup>rd</sup> Scientific Conference on Work Disability Prevention and Integration, Toronto, Ontario, Sept. 28-Oct. 1, 2014.
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1. **Gross DP**. Systematic reviews and the Cochrane Collaboration: Combining Studies to Enhance Power. In Power in Research: Selected Issues for the Health Care Professional. Edited by S. Warren, W. Janzen, B. Dobbs. Rehabilitation Research Centre Press, Edmonton, 2002, Pp. 141-158.

### Other Scholarly Works

12. Office of the Chief Science Advisor of Canada Take Force on Post-COVID Condition (including **Gross DP**). Post-COVID-19 Condition in Canada: What We Know, What We Don't Know and a Framework for Action. Decemner



2022. Available here: <https://science.gc.ca/site/science/en/office-chief-science-advisor/initiatives-covid-19/post-covid-19-condition-canada-what-we-know-what-we-dont-know-and-framework-action>
11. World Physiotherapy (50+ authors including **Gross DP**). World Physiotherapy Response to COVID-19 Briefing Paper 9. Safe rehabilitation approaches for people living with Long COVID: physical activity and exercise. London, UK: World Physiotherapy; 2021. <https://world.physio/sites/default/files/2021-06/Briefing-Paper-9-Long-Covid-FINAL-2021.pdf>
  10. O’Keeffe M, Maher CG, Stanton TR, O’Connell NE, Deshpande S, **Gross DP**, O’Sullivan K. A mass media campaign is needed to counter misconceptions about back pain and promote higher value care. *British Journal of Sports Medicine*, 2019 53(20):1261-1262. doi: [10.1136/bjsports-2018-099691](https://doi.org/10.1136/bjsports-2018-099691)
  9. Echeita J; van Holland B; **Gross D**; Kool J; Oesch P; Trippolini M; Reneman M. The association between social factors and performance during Functional Capacity Evaluations: A systematic review. *Tijdschrift voor Bedrijfs- en Verzekeringsgeneeskunde*, 2018; Sept. 7: 1-2. doi: [10.1080/09638288.2018.1448120](https://doi.org/10.1080/09638288.2018.1448120)
  8. Cote P, Shearer H, Ameis A, Carroll L, Mior M, Nordin N and the OPTIMa Collaboration including **Gross DP**. Enabling Recovery From Common Traffic Injuries: A Focus on the Injured Person. UOIT-CMCC Centre for the Study of Disability Prevention and Rehabilitation. January 31, 2015. <https://www.fscsco.gov.on.ca/en/auto/documents/2015-cti.pdf>
  7. **Gross DP**, Miciak M, Shiva T. Planning for the Alberta Physiotherapy Workforce: The Need for an Internationally Educated Physiotherapist Training Program. Prepared by the Rehabilitation Research Centre for the University of Alberta’s Department of Physical Therapy, December 4, 2014. <https://www.ualberta.ca/rehabilitation/media-library/faculty-site/research/rrc/ieptreportdecember4.pdf>
  6. Wong JJ, Côté P, Ameis A, Carroll LJ, Cassidy JD, **Gross DP**, Sutton D, BSc (OT), Yu H. Review of Guidelines for Concussion/Mild Traumatic Brain Injury and Persistent Symptoms (Second Edition) from the Ontario Neurotrauma Foundation. Submitted to the Superintendent of the Financial Services Commission of Ontario, March 4, 2014. [http://concussionsontario.org/wp-content/uploads/2017/10/ONF\\_mTBI\\_Guidelines\\_2nd\\_Edition\\_COMPLETE.pdf](http://concussionsontario.org/wp-content/uploads/2017/10/ONF_mTBI_Guidelines_2nd_Edition_COMPLETE.pdf)
  5. **Gross DP**, Harstall C, Moga C, Angus D. Alberta Ambassador Guideline Adaptation Program Knowledge Translation Summary Report. July 2013. Published Online on the Institute of Health Economics website August 2013.
  4. **Gross DP**, Davis B, Wood S. A Social Marketing Intervention: Back Pain Media Campaign. *Vue: The Magazine of the Marketing Research and Intelligence Association*. September 2008; pages 22-25.
  3. **Gross DP**, Lowe A, LaRocque D, Muir I. The Disability Management of Injured Workers: A Best Practices Resource Guide For Physical Therapists. Publisher: College of Physical Therapists of Alberta. 2006. ISBN 0-9687043-3-6. <https://doi.org/10.7939/R3R49GC5M>
  2. Viera ER, Richardson L, Raso J, Dyer D, Mackenzie K, Henderson I, **Gross DP**, Hagler P. Transferring the Bariatric Patient. Capital Health Authority Proactive Risk Assessment Project Report; November 2006.
  1. Manns T and **Gross DP**. A guide for effectively transitioning to post-rehabilitation training. *Fitness Informer: A Publication of the Alberta Provincial Fitness Unit*. Fall 2005; pages 14-15.

## RESEARCH FUNDING

*Principal Investigator (Career Total \$2,374,983)*

- 2023 Glenrose Foundation Operating Grant. Principal Applicants: Victor Ezeugwu and **Gross DP**, Co-Investigators: Chester Ho, Erin Branton, Quentin Durand-Moreau, Grace Lam, Mark Hall, Geoffrey Bostick, Carrie Mallett, Kevin Drake, Riikka Niemeläinen, Elizabeth Dennett, Behdin Nowrouzi-Kia. *Investigating Interventions for Improving Function and Work Abilities in People Living with Long COVID*. (Sept 2023 to Aug 2026, \$175,000).
- 2023 Alberta Labour and Immigration Supporting Psychological Health in First Responders Grant. Principal Applicant: **Gross DP**, Co-Investigators: Brémault-Phillips S, Straube S, Dick B. *Effectiveness of Telerehabilitation During the Pandemic for Workers with Posttraumatic Stress Injuries*. (2023-2024, \$157,266)

- 2022 Alberta Spine Foundation Pilot Grant Competition. **Gross DP**, Nataraj A (Co-PIs) *Developing a Triage Predictive Model for Access to a Spinal Surgeon*. (2022-2023, \$20,000)
- 2022 Workers' Compensation Board of Alberta Research Grant. Nominated Principal Applicant: **Gross DP**, Co-Investigators: Miciak M, Brehon K, Niemeläinen R. *Evaluating Effectiveness of Telerehabilitation Services Among Injured Workers in Alberta*. (\$40,602).
- 2022 Canadian Institutes of Health Research Operating Grant: Emerging COVID-19 Research Gaps & Priorities – Addressing the Wider Health Impacts of COVID-19. Nominated Principal Applicant: Lam G, Co-Principal Applicants: Heffeman CE, **Gross DP**, Ronksley PE, Stickland MK, Weatherald J. Co-Applicants – Bhutani M, Ferrara G, Johansson K, Lau A, Lim R, Perreault K, Varughese. *Impact of COVID-19 on Health Care Access, Utilization, Delivery, and Outcomes for Patients with Pulmonary Diseases in Alberta (INCLUDE Study)*. (\$405,226) June 1, 2022 to May 31, 2024.
- 2021 Canadian Institutes of Health Research Operating Grant: Emerging COVID-19 Research Gaps & Priorities - Post COVID-19 condition. Nominated Principal Applicant: **Gross DP**, Co-Principal Applicants: Lam G, Weatherald J, Skolnik K, Co-Applicants - Bostick G, Brown C, Chen S, Churchill K, Hall M, Hudon A, Miciak M, Perreault K, Wieler M. Patient Partners: Brown D, Hoddinott L. EDI Consultant: Slade T. *Rehabilitation Needs and Access to Services for Long COVID*. (\$152,778) June 1, 2021 to March 31, 2024.
- 2021 Medtronic External Research Program Grant. **Gross DP**, Farooq O, Macedo L, Bostick GP, Durand-Moreau Q, Shologan A. *Peri-Operative Rehabilitation Program for Inguinal Hernia Repair Surgery*. (\$39,000).
- 2021 Alberta Labour and Immigration Supporting Psychological Health in First Responders Grant. **Gross DP** and Rachor G. *Identifying Risk Factors for Developing Traumatic Psychological Injuries Following Work-Related Musculoskeletal Injuries*. (\$49,494.52)
- 2020 WorkSafeBC Specific Priorities Research Grant. **Gross DP**, Straube S, Miller L, Cancelliere C, Dennett L, Voaklander. *What is the scientific evidence supporting current evaluation tools for identifying musculoskeletal injury risk factors?* (\$62,400)
- 2020 Alberta Spine Foundation Pilot Grant Competition. **Gross DP**, Macedo L, Carlesso L, Thomas K (Co-PIs) Rampersaud R, Schneider G, Slomp F, Miciak M, Rushton A, Katz L, Saxton E, Dorley S. *Development and feasibility testing of a pre-surgical rehabilitation (Prehab) program for patients with lumbar spinal stenosis*. (2020-2021) (\$20,000)
- 2020 Workers' Compensation Board of Alberta Research Grant. Rachor G and **Gross DP** (Co-PIs) *Identifying Risk Factors for Developing Traumatic Psychological Injuries Following Work-Related Musculoskeletal Injuries*. (\$32,844.82) September 1, 2020 to June 30, 2022.
- 2020 Canadian Hemophilia Society-Novo Nordisk Psychosocial Research Program Award. McCabe EM and **Gross DP**. *Validation of a physiotherapy therapeutic relationship measure in patients with hemophilia*. (\$20,000).
- 2019 Faculty of Rehabilitation Medicine Conference Grant. Brown C and **Gross DP**. *Gone to the Dogs (Again!)*. (\$3,500).
- 2018 Alberta Health Services Post-Traumatic Stress Disorder (PTSD)/ Operational Stress Injury (OSI) Research Grant. **Gross DP** (NPA) Brown C, Straube S, Els C, Dick B, Yamamoto S, Voaklander D, Jackson T, Senthilselvan A, Berry T, Joannou M. *First Responders with Work-Related Traumatic Psychological Injury Undergoing Rehabilitation in Alberta*. (\$27,000)
- 2018 Kule Institute for Advanced Studies Dialogue Grant. Brown C, **Gross DP** (co-PIs). Co-investigators: Carr E and Wallace J (U of Calgary), Paslawski T, Wilson D, Miciak M, Vincent C (Laval), Losey R. *Gone to the dogs: A workshop to share findings and establish an interprofessional network to study the role of dogs in the wellbeing of vulnerable people*. (\$2000 with \$500 matched funding).
- 2017 Workers' Compensation Board of Alberta Research Grant. *Validation and refinement of the Work Assessment Triage Tool for selecting rehabilitation interventions for injured workers*. (\$32,213).
- 2017 Bayer Hemophilia Award – Caregiver Award. Co-principal investigator with Erin McCabe. *The Assessment of Therapeutic Relationships in Hemophilia*. **Gross DP**, McCabe E, Miciak M. (\$31,115).
- 2017 Canadian Hemophilia Society - Shire Fellowship Research Award. *The Assessment of Therapeutic Relationships in Hemophilia Care*. **Gross DP**, McCabe E, Miciak M. (\$20,000)

- 2014 Workers' Compensation Board of Alberta Research Grant. **Gross DP** and Joanne Park. *The Effectiveness of Motivational Interviewing (MI) as an Interventional Tool for Improving Return to Work Rates for Injured Workers with Musculoskeletal Disorders*. (\$79,731).
- 2012 Workers' Compensation Board of Manitoba Research Grant. *Clinical Decision Support Tools for Managing Disabling Musculoskeletal Disorders*. (\$88,085)
- 2012 Workers' Compensation Board of Alberta Research Grant, Colangelo A, **Gross DP** (Co-Principal Investigators), Abada A, Niemelainen R, Haws C, Alessio H, Russell K. *A Comprehensive Evaluation of the Head Trauma Program at Millard Health: Assessment, Treatment, and Return-to-Work Status*. (\$8,260)
- 2012 Alberta Innovates – Health Solutions Conference Grant. *Alberta Occupational Rehabilitation Conference: Improving Clinical and Return-to-Work Outcomes*. (\$6,000)
- 2011 Workers' Compensation Board of Alberta Research Grant, *Development of a Triage Decision-Making Model for the Rehabilitation of Injured Workers*. (\$74,732)
- 2011 Institute for Health Economics Research Grant, *Evaluating Clinician Awareness of and Adherence to a Low Back Pain Practice Guideline in Alberta: A Pilot Study* (\$5,210)
- 2010 Workers' Compensation Board of Alberta Research Grant, *Development of a Triage Decision-Making Model for the Rehabilitation of Injured Workers – Pilot Study*. (\$30,000)
- 2009 WorkSafeBC Research at Work Grant, *The Return-to-Work Assessment Study: Evaluating Methods for Evaluating Ability*. (\$111,316)
- 2008 SAS Small Faculties Research Grant, *The Effects of Interferential Current Therapy on Pressure Pain Sensitivity: A Random Crossover Placebo Controlled Study*. (\$9,500)
- 2008 University of Alberta Faculty of Rehabilitation Medicine Internal Research Grant: *Beliefs About Whiplash and Their Association with Recovery Outcomes*. (\$10,000)
- 2007 WorkSafeBC Research at Work Grant, *Recurrence of Work-Related Low Back Injuries: The Association between Patient and Administrative Assessment*. (\$31,000)
- 2007 Workers' Compensation Board of Alberta Research Grant, *Reliability of Clinician Return-to-work Decisions for Workers' Compensation Claimants*. (\$11,936)
- 2007 SAS Small Faculties Research Grant, *Reliability of Clinician Return-to-work Decisions for Workers' Compensation Claimants*. (\$4,200)
- 2006 WorkSafeBC Research at Work Grant, *The Alberta Back Pain Initiative Study*. (\$92,000)
- 2006 Workers' Compensation Board of Alberta Research Grant, *The influence of opioid analgesia on functional work ability*. (\$10,300)
- 2006 SAS Small Faculties Research Travel Grant, *Validation of a short-form functional capacity evaluation*. (\$2,500)
- 2005 Canadian Institutes of Health Research Knowledge Translation Workshop Grant, *Best Practises in Disability Management for Physical Therapists*. (\$5,000)
- 2005 SAS Small Faculties Research Grant, *The Alberta Back Pain Initiative Study*. (\$2,500)
- 2005 SAS Small Faculties Research Travel Grant, *Does functional capacity evaluation predict recovery in claimants with upper extremity injuries?* (\$2,500)
- 2005 Workers' Compensation Board of Alberta Millard Health Professional Services Contract, Chair of Millard Health Research Committee (2005-2012, \$285,000)
- 2004 Alberta Heritage Foundation for Medical Research Health Research Fund. Douglas Gross and Anthony Russell Co-Principal Investigators, *The Alberta Back Pain Initiative Study*. (\$100,000)
- 2004 UofA Department of PT and Alberta PT Association Clinical Research Partnership Fund, *Evaluating the Effectiveness of the Alberta Abbreviated Work Assessment in Guiding Rehabilitation and Facilitating Return-to-work*. (\$2,000)
- 2004 SAS Small Faculties Research Grant, *The relationship between perceived maximum lifting ability, actual performance and self-rated health status*. (\$2,500)
- 2004 SAS Small Faculties Research Travel Grant, *An evaluation of factors influencing performance-based functional testing in back injured claimants*. (\$2,500)
- 2003 Workers' Compensation Board of Alberta Research Grant. *Does functional capacity evaluation predict recovery in claimants with upper extremity injuries?* (\$7,500)

- 1999 UofA Department of PT and Alberta PT Association Clinical Research Partnership Fund, *Reliability of safe maximal lifting determinations of a functional capacity evaluation*. (\$3,000)

*Co-Investigator or Investigative Team (Career Total = \$30,109,706)*

- 2023 Nominated Principal Investigator – Armijo-Olivo S. Co-Investigators: Ballenberger N, Oliveira-Souza A, Da Costa BR, Barbosa J, Dennett L, Juando-Prats C, Gross D. *COMparative effectiveness of Manual therapy, Pharmacological treatment, Exercise Therapy, and Education for Neck pain: a systematic review with network meta-analysis. The COMPETE-Neck study* (€200,000/\$295,180CDN)
- 2023 Nominated Principal Investigator – Angela Cheung, 77 Co-Principal Investigators including **Gross DP**, 184 additional co-Investigators. Canadian Institutes of Health Research Network Grant. *Long COVID Web: Pan-Canadian Post-COVID Condition Research Network*. (\$19,999,615, Jan. 1, 2023 – Dec. 31 2028).
- 2023 Nominated Principal Investigator – Ellen Rafferty, Co-Investigators: Curry S, Doroshenko A, Edjoc R, Ellis L, **Gross DP**, Krueger M, Montgomery C, Papathanasoglou E, Razavilar N. Canadian Institutes of Health Research Catalyst Grant: Policy Research for Health System Transformation. *The Impact of Post COVID-19 Condition on Nursing Labour Supply*. (\$149,723, April 1, 2023 – March 31, 2024)
- 2023 Principal Investigator – Billy So, Co-Investigators: Margareta Nordin, **Douglas P. Gross**, Behdin Nowrouzi-Kia. Hong Kong Polytechnic University Departmental General Research Fund. *Biomechanical evaluation on a Passive Back Exoskeleton for Ambulancemen in a Stretcher-carry Task* (\$150,000HKD/\$26,000CDN, March 1, 2023 –August 30, 2024).
- 2022 Principal Investigator – Behdin Nowrouzi-Kia, Co-Investigators: Bani-Fatemi A, Chattu VK, Howe A, Yazdani A, **Gross DP**, and Gohar B. Social Sciences and Humanities Research Council Knowledge Mobilization grant. *Rising Burden of Gender Based Violence at Workplace in the Digital Era: A Systematic Review and Meta-analysis*. (\$29,980, January 1, 2023 – June 30, 2023).
- 2022 Principal Investigator – Pam Hung, Co-Investigators: **Douglas Gross**, Mary Forhan, Kate Storey. SAOT/COTF Research Grant. *Perceptions and experiences of participation outside the home for adults living with obesity: a focused ethnography*. (\$1,000, Dec. 1, 2022 – November 30, 2023).
- 2022 Co-Principal Investigators – Sebastian Straube and Behdin Nowrouzi-Kia, Co-Investigators: Durand-Moreau Q, **Gross DP**, Dennett E, Doroshenko A, Hagtvedt R, Tsuyuki R, Ferguson-Pell M, Vandermeer B, Jackson T, Deibert D. Workers' Compensation Board of Alberta Research Grant. *Overview of telehealth treatments of psychological disorders*. (\$40,009, 1 Sept 2022 to 30 August 2023).
- 2022 Principal Investigator – Sebastian Straube, Co-Investigators: Dennett E, Doroshenko A, Durand-Moreau Q, Els C, **Gross DP**, et. al. Workers' Compensation Board of Alberta Research Grant. *Program of Research and Training in Preventive Medicine*. (\$596,700, 1 July 2022 to 30 June 2025).
- 2022 Nominated Principal Investigator –Luciana Macedo. Co-Principal Investigators – Bakaa N, Carlesso L, **Gross DP**. Co-investigators: McDermid J, Thomas K, Nataraj N, Rampersaud R, Slomp F, Miciak M, Rushton A, Katz L, Packham T, Drew B, Markian P, Cenic A, Thorne J, Dorley S. Canadian MSK Rehab Research Network Grant. *Feasibility testing of a pre-surgical rehabilitation program for patients with lumbar spinal stenosis: a multi-center pilot randomized controlled trial(NCT05073081)*. (\$25,000, 2022-2023)
- 2021 Principal Investigator: Cancelliere C. Co-Applicants - Tricco AC, Mior S, Bussières A, Hincapié C, Brunton G, **Gross DP**, Pereira P, Nordin M, Cedraschi C, Chihambakwe M. Supply of systematic evidence syntheses to inform the WHO Guidelines on the management of chronic primary low back pain in adults. *World Health Organization*. (\$124,968.51)
- 2021 Principal Investigator: Straube S. Co-Applicants - Nowrouzi-Kia B, **Gross DP**, Durand-Moreau Q, Els C, Dennett L, Hagtvedt R, Ferguson-Pell M, Jackson T, Diebert D. Workers' Compensation Board of Alberta Research Grant. *Rapid Review and Recommendations for Telehealth Treatments of Psychological Disorders*. (\$21,250). September 1, 2021 to August 31, 2023.
- 2021 Nominated Principal Applicant: Ho, Chester, Co-Applicants – Multidisciplinary Team including **Gross DP**. Canadian Institutes for Health Research Operating Grant: Emerging COVID-19 Research Gaps & Priorities -

- Post COVID-19 condition. *Implementing the Provincial Post COVID-19 Rehabilitation Framework for Screening & Transitions in Alberta: A Pragmatic Evaluation*. (\$499,883) June 1, 2021 to May 31, 2022.
- 2021 Principal Investigators – Van Eerd D and Tompa E (Co-PI), Co-Investigators – Irvin E, **Gross D**, Els C, Straube S, Brémault-Phillips S, Carleton RN, McElheran M. *Evidence-informed workplace policies and practices for the prevention of PTSD work disability*. Alberta Labour and Immigration Supporting Psychological Health in First Responders grant (\$172,820 over 1 year 2020-2021). March 15, 2021 to March 15, 2022.
- 2021 Principal Investigator – Perreault K, Hudon A, and Desmeules F. Co-Investigators – Auger C, Bostick G, Churchill K, **Gross DP**, Kairy D, and Lamontange M-E. Réseau provincial de recherche en adaptation-réadaptation (REPAR) research grant. *Acceptability, barriers and facilitators to the implementation of Info-Réadapt, a telephone line aimed at meeting the population's needs related to rehabilitation in a pandemic context*. (\$24,991)
- 2021 Principal Investigators – Phelan S and Harasym O'Byrne J. Co-Investigators - **Gross DP** and MacLeod A. Dalhousie University Faculty of Health Research and Development Grant. *(Mis)Understandings About Communication Post-Concussion: Perspectives of Youth and their Families*. (\$5,000).
- 2021 Principal Investigator – Hudon A. Co-Investigators – **Gross DP**, Miciak M, Whittaker J, Lovo S, Kairy D, Laberge M, Feldman D. WorkSafeBC Specific Priorities Research Grant. *What are the perceptions and lived experiences of Canadian injured workers about the provision of physiotherapy services using telerehabilitation?* (\$101,639).
- 2020 Principal Investigators – Branton E and Pritchard-Wiart L. Co-Investigators - Johnston D, Thompson-Hodgetts S, and **Gross DP**. Physiotherapy Alberta TD Clinical Research Innovation Fund. *The Relationship between Motor Skills and Intelligence in Children with Fetal Alcohol Spectrum Disorder*. (\$10,918).
- 2020 Principal Investigators – Brown CA, Wilson D, Carr E, Wallace J. Kule Institute for Advances Study/ Calgary Institute for the Humanities Regional Collaboration Grants Co-Investigators **Gross DP** and Miciak M. *Determining older women's experiences of companion animal death, and impacts on wellbeing and aging-in-place*. (\$10,000)
- 2020 Principal Investigators – MacDermid JC (NPI), Birmingham T, Moyer R, Thomas A, Hofstetter CA, Bouyer L, Ronsky J, Backman CL, Marshall D, Roy JS. Co-Investigators: A multidisciplinary team including **Gross DP**. Canadian Institute of Health Research (CIHR) Network Catalyst Grant: Musculoskeletal Rehabilitation. *Canadian MSK Rehab Research Network* (\$1,996,990)
- 2019 Principal Investigator – Erin McCabe. Co-Investigators **Gross DP**, Miciak M, Roduta Roberts M, **Sun L**. University of Alberta Faculty of Rehabilitation Medicine Thesis Research Operating Grant. *Developing a Therapeutic Relationship Measure*. (\$2,791, January 1, 2020 – Dec. 31, 2020).
- 2019 Principal Investigator – Sebastian Straube and a multidisciplinary team including **Gross DP**. Workers' Compensation Board of Alberta Research Grant. *Program of Research and Training in Occupational Medicine*. (\$585,450, 1 July 2019 to 30 June 2022).
- 2019 Principal Investigators – Cary Brown and Maxi Miciak. Co-Investigators **Gross DP**, Carr E, Wilson D, Tan M, Wallace J. Kule Institute for Advances Study Research Team Development Grant. *Companion dog access to public spaces evidence-base and consistency: A policy scoping review*. Sept. 2019- Feb 2021 (\$7,500)
- 2019 Principal Investigator –Luciana Macedo. Co-Investigators – Carlesso L, **Gross DP**, Rampersaud R, Drew B, McIntosh G. McMaster Institute for Research on Aging (MIRA) and the Michael DeGroote Institute for Pain Research and Care (IPRC) Catalyst Grant. *A user-centered approach to develop a pre-surgical rehabilitation program for patients with lumbar spinal stenosis*. (\$60,000)
- 2018 Principal Investigator – Suzette Brémault-Phillips. Co-Investigators – R Jetly, E Vermetten, A Norbash, **DP Gross**, A Migel-Cruz, A Pike, C Jones. Alberta Health Services Post-Traumatic Stress Disorder (PTSD)/ Operational Stress Injury (OSI) Research Grant. *Multi-Modal Virtual Reality Based Treatment for Canadian Armed Forces Members with Combat-Related Post-Traumatic Stress Disorder: A Computer Assisted Rehabilitation Environment (CAREN) Study*. (\$36,800)
- 2018 Principal Investigator – Bernadette Martin. Co-Investigators – M Hall and **DP Gross**. University of Alberta Teaching and Learning Enhancement Fund Grant. *Evaluation of Clinical Reasoning within a Clinical Encounter Simulation Practical Exam Station*. (\$4,800, March/April 2018 - April 2020).



- 2017 Principal Investigator – Thaeer Manaseer, **Gross DP**, Whittaker JL. University of Alberta Faculty of Rehabilitation Medicine Thesis Research Operating Grant. *Evaluating Balance at Return to Play Sport-Related Concussion in Adolescents Using a Functional Testing Protocol*. (\$3,910, Dec. 1, 2017 – Dec. 31, 2018).
- 2017 Principal Investigator – Sebastian Straube and a multidisciplinary team including **Gross DP**. Workers' Compensation Board of Alberta Research Grant. *Evidence Syntheses Relevant to Occupational Health*. (\$487,875, 1 January 2017 to 30 June 2019).
- 2017 Principal Investigator – Johnston D, Schell S, Rasmuson L, Branton E, Wiart L, **Gross DP**. Alberta Health Services Research Challenge. *The accuracy of motor assessment in the diagnosis of Fetal Alcohol Spectrum Disorder: A cross – sectional diagnostic study*. (\$5,000)
- 2016 Principal Investigator – Carr E and a multidisciplinary team including **Gross DP**. Campus Alberta – Health Outcomes and Public Health – provincial meeting grant: *Learning from human and animal science to develop transformative public health interventions to reduce the personal and economic burden of chronic pain*. (\$2,488)
- 2016 Principal Investigators - MacDermid JC (NPI), Wilson J, Birmingham T, Robinovitch S, Roy JS Co-Investigators: Ashe M, Beaton D, Beaupre L, Begon M, Bouyer L, Carlesso L, Choinière M, Cote J, Dahan-Oliel N, Deluzio K, Desmeules F, Dionne C, Emery C, Ferber R, Ferreira L, Fitzimmons D, French S, Gagnon D, Gignac M, Giangregorio L, Gross A, **Gross DP**, Hayden J, Hill W, Hunt M, Kozey C, Léonard G, Maly M, Marsh J, Marshall D, Mercier C, Perreault K, Petrella R, Piché M, Prado C, Richardson J, Robbins S, Ronsky J, Rouleau D, Rutherford D, Sinden K, Stock S, Teeter M, Tousignant-Laflamme Y, Trejos AL, Urquart N, Walton D, Weiler H, Whittaker J, Wideman T, Wohl G, Woodhouse L. Collaborators: Billedeau C, Bryant D, Cooper L, Gibson J, Godges J, Hladysch G, Hodges P, Hofstetter C, Imbeau P, King G, Laliberté J, Levy C, Mawson S, McQueen E, Paquette-Warren J, Sherrington D, Wilhelm L, Wilson H. Knowledge Users: Lyddiatt A (Principal KU), Feldman FH. Canadian Institute of Health Research (CIHR) Catalyst Grant: Musculoskeletal Rehabilitation and Myalgic Encephalomyelopathy/Chronic Fatigue Syndrome. *Canadian Musculoskeletal Rehab Research Network* (\$606,400)
- 2015 Soer R, Bielemelam HJ, Oosterveld FGJ, Eertink H, Reneman MF, **Gross DP**. *Sustained Health and Innovative Strategies For Technological Implementation (SHIFT)*. TechForFuture Centre of Expertise HTSM Grant (€189,868/ ~\$270,059CDN)
- 2014 Algarni F, **Gross DP** and Battié MC. University of Alberta Physical Therapy Department Thesis Research Operating Grant. (\$3,000)
- 2014 Park J, Co-PIs: Esmail S and **Gross DP** (PhD co-supervisors). *The Effectiveness of Motivational Interviewing (MI) as an Interventional Tool for Improving Return to Work Rates for Injured Workers with Musculoskeletal Disorders*. Inaugural Canadian Occupational Therapy Foundation Clinical Research Grant (\$5,000)
- 2014 Woodhouse L, Co-PIs: Kawchuk GN and Phillips L and an interdisciplinary team including **Gross DP**. *SpineAccess Alberta: An Innovative Health Service Delivery and Spine Management Model*. Alberta Innovates: Health Solutions Partnership for Research and Innovation in the Health System (PRIHS, \$750,000)
- 2013 Steenstra IA, Lowe G, McIntosh G, Saunders R, Chappel J, Geary J, White M, Beaton DE, Gignac M, **Gross DP**, Irvin E, Loisel P, Pransky G, Puts M, Scott-Marshall H, Tompa E, Van Eerd D, Wilkie R. *A review of the role of aging in return to work and stay at work*. CIHR Knowledge Synthesis Grant competition for \$89,622 (Sep 2013-Sep 2014)
- 2013 Loisel P, Côté P. and a Transdisciplinary Investigative Team including **Gross DP**. Knowledge Mobilization Initiative (NCE-KM) Full Application Preparation Grant, *Worknet - Mobilizing Work Ability And Health / Mobiliser Les Connaissances Pour Travailler En Santé* (\$15,000)
- 2012 Emery D, Chuck A, Moga C, Taenzer P, **Gross DP**. Institute of Health Economics Research Grant, *Appropriateness of Imaging of the Lumbar Spine*. (\$90,000)
- 2012 Côté P and a Multidisciplinary Guideline Expert Panel including **Gross DP**. Ontario Ministry of Government Services Community Research Award, *Development of a Minor Injury Treatment Protocol*. (\$2,800,000)
- 2012 Miciak M, **Gross DP**, Mayan M, Brown CA, Joyce A. University of Alberta Department of Physical Therapy Thesis Operating Grant. *Bedside Matters: Understanding the Role of the Therapeutic Relationship in Physical Therapy*. (\$3,000)

- 2012 Fuentes J, Magee D, **Gross DP**. Physiotherapy Foundation of Canada OrthoCanada Award for Research in Neck, Back and Core Stability, *Therapeutic Contextual Factors in Physiotherapy: Magnitude, Mechanisms and Contributors of Placebo Mediated Analgesia in Chronic Low Back Pain*. (\$4,870)
- 2009 Warren SA, Turpin KVL, Olivo SA, **Gross DP**, Carroll LC, and Warren KG. WorkSafeBC Systematic Review Grant, *Multiple Sclerosis as a Compensable Consequence*. (\$75,398)
- 2009 Carroll L, Rothe P, and **Gross DP**. Workers' Compensation Board of Manitoba Research Grant, *How do expectations, coping and depression impact on recovery after a musculoskeletal injury?* (\$119,685)
- 2009 Muir I and **Gross DP**. University of Alberta Faculty of Rehabilitation Medicine Internal Research Grant, *Physical Therapist Usage Patterns and Beliefs Regarding Therapeutic Ultrasound: A Survey of Therapists in Alberta*. (\$9,309)
- 2006 Ferrari R, **Gross DP**, Carroll L, Russell AS, Buchbinder R, Krawciw D. WorkSafeBC Research at Work Grant, *Population-based survey of beliefs about neck and upper extremity injuries*. (\$16,224)
- 2006 Richardson L, Raso J, Dyer D, **Gross DP**, Hagler P, Condratow L, Mooney M, Henderson I. Capital Health Authority Demonstration Projects Grant. *Transferring the bariatric patient*. (\$12,750)
- 2005 Wasiak R, Young A, Pransky G, **Gross DP**. Workers' Compensation Board of Alberta Research Grant. Recurrence of work-related low back injuries: The association between patient and administrative assessment (\$20,000)
- 2003 Battié MC and **Gross DP**. Workers' Compensation Board of Alberta Research Grant, *The prognostic value of injured workers' perceptions of the workplace and expectations for recovery in predicting timely and sustained return to work*. (\$26,431)
- 2001 Battié MC and **Gross DP**. Alberta Heritage Foundation for Medical Research Health Research Fund, *Functional capacity evaluation – It's role in predicting successful return to work following back injury*. (\$28,000)

#### SUPERVISION OF HIGHLY QUALIFIED PERSONNEL

##### Postdoctoral Fellows Supervised

1. **Susan Armijo Olivo**, 2013-2015, Co-supervised with Dr. Linda Woodhouse.  
**Awards:** Inaugural Recipient of the University of Alberta's Faculty of Rehabilitation Medicine Music in Motion Fellowship (\$140,000)
2. **Arnela Suman**, 2017-2019, Co-supervised with Dr. Susan Armijo Olivo.  
**Awards:** Faculty of Rehabilitation Medicine Postdoctoral Fellowship (\$140,000)
3. **Alesha Reed**, 2022-Present, Co-supervised with Andrea MacLeod  
**Awards:** Mitacs Fellowship (\$157,500)

##### Supervisor for Thesis-Based Graduate Students

##### Completed Ph.D.

- Geoff Bostick**, Ph.D. Rehab Science, Primary Supervisor (Co-supervised with Dr. Linda Carroll from Public Health Sciences) Completed 2011. Thesis title: *A Pluralist Characterization Of Pain Meaning After Whiplash*. **Awards:** Canadian Institutes of Health Research Frederick Banting and Charles Best Canada Graduate Scholarship – Doctoral Award, University of Alberta President's Award of Distinction and Queen Elizabeth II Scholarship, Alberta Provincial Canadian Institutes of Health Research Training Program in Bone and Joint Health Traineeship (Total amount of awards received = \$89,000)  
Current status: Associate Teaching Professor of Physical Therapy at University of Alberta
- Jorge Fuentes**, Ph.D. Rehab Science, Primary Supervisor (Co-supervised with Dr. David Magee) Completed 2013. Thesis title: *Therapeutic Contextual Factors in Physiotherapy: Magnitude, Mechanisms and Contributors of Placebo Mediated Analgesia in Chronic Low Back Pain*.  
**Awards:** University of Alberta Provost Doctoral Entrance Award, Government of Chile BecasChile Scholarship (Total amount awards received = \$132,800)  
Current status: Professor of Physical Therapy, Universidad Catolica del Maule, Chile.

- Fahad Argani**, Ph.D. Rehab Science, Primary Supervisor (Co-supervise with Dr. Michele Crites Battié). Completed 2015: Thesis title: *Older Workers with Musculoskeletal Injuries: Characteristics and Prognostic Factors*. **Awards:** Saudi Cultural Bureau Scholarship (Total amount of awards received = \$220,000)  
Current status: Department Chair at King Saud University, Saudi Arabia.
- Maxi Miciak**, Ph.D. Rehab Science, Primary Supervisor (Co-supervise with Dr. Maria Mayan). Completed 2015: Thesis title: *Bedside Matters: A Conceptual Framework of the Therapeutic Relationship in Physiotherapy*. **Awards:** Canadian Institutes of Health Research Masters' Scholarship, University of Alberta Queen Elizabeth II Doctoral Scholarship, Al Cook Scholarship for Academic Excellence. CPTA Centenary Scholarship, Don McColl Graduate Scholarship, Dissertation Fellowship (Total amount of awards received = \$111,000)  
Current status: Research Associate with Rehabilitation Research Centre.
- Joanne Pawluk**, Ph.D. Rehab Science, Co-Supervisor with Dr. Shaniff Esmail. Completed 2017: Thesis title: *Motivational Interviewing and Injured Workers: Facilitating Behaviour Change in Work Rehabilitation*. **Awards:** Alberta College of Occupational Therapists Centenary PhD Scholarship (\$5,000), Golden Key Education Development Scholarship Award  
Current status: Service Manager, Research & Development, WCB-Alberta Millard Health
- Thaer Manaseer**, Ph.D. Rehab Science, Co-Supervisor with Dr. Jackie Whittaker. Completed Sept. 2020. Thesis title: *The Functional Assessment of Balance in Concussion (FAB-C) Battery* **Awards:** Full financial scholarship from the Kingdom of Jordan (\$58,750CDN/year = \$235,000CDN total).  
Current status: Full time lecturer at The Hashemite University, Jordan.
- Erin McCabe**, Ph.D. Rehab Science. Completed Nov. 2021. Thesis title: *Measurement of Therapeutic Relationship in Physiotherapy* **Awards:** Canadian Hemophilia Society Fellowship, Alberta Graduate Citizenship Award, University of Alberta Faculty of Graduate Studies Research Assistant Award, College of Physical Therapists of Alberta Centenary PhD Scholarship, Faculty of Rehabilitation Medicine Thesis Operating Grant (Total awards received = \$30,291)  
Current status: Post-doctoral fellow at University of Calgary.

*Current Ph.D.*

- Marianne Six Dijkstra**, Ph.D. in Rehabilitation. University Medical Center Groningen. Started Sept 2015. Co-supervise with Dr. Michiel Reneman. Title, *The development of a Decision Support System – Artificial Intelligence provides advice for sustainable employability*. **Awards** – Fully funded between 2015-2017 through the *Sustained Health with Innovative Strategies for Technological Implementation* (SHIFT) Project (Total amount = \$161,592 over 3 years). Funding received for 2018-2023 from NOW Scholarship (Total amount \$CDN247,096 over 5 years) and Saxion University of Applied Sciences PhD Studentship (Total amount \$CDN209,685. Over 4 years).
- Teri Slade**, PhD. Rehab Science, Co-supervise with Dr. Christine Guptill. Started Sept. 2018.  
**Awards:** 2022 Alberta SPOR SUPPORT Unit Graduate Studentship (\$30,000), 2021 Alberta Graduate Excellence Scholarship (\$12,000), 2021 Graduate Student Scholarship in Rehabilitation Medicine (\$800), Faculty of Graduate Studies and Research 3-Minute Thesis (3MT) finalist, 2020 Faculty of Rehabilitation Medicine Thesis Operating Grant (Total amount of awards received = \$44,800).
- Jessica Harasym O'Byrne**, PhD. Rehab Science, Co-supervise with Dr. Teresa Paslawski. Started Sept. 2018. **Awards:** 2021 SSHRC Doctoral Fellowship (\$60,000), President's Doctoral Prize of Distinction (\$10,000), WCHRI Graduate Studentship (\$3000 Incentive), Graduate Student Scholarship in Rehabilitation Medicine (\$800), 2020 Women & Children's Health Research Institute Graduate Studentship (\$18,000), 2019 Deborah Kully Scholarship in Stuttering Treatment and Research, University of Alberta Graduate Fellowship, Don McColl Graduate Scholarship (Total amount of awards received = \$126,550)
- Pam Hung**, PhD. Rehab Science, Co-supervise with Dr. Mary Forhan. Started Sept. 2019.  
**Awards:** 2022-2023 President's Doctoral Award of Distinction (\$10,000), 2023 Dr. Gary McPherson Leadership Scholarship (\$2,000), 2022 Social Sciences and Humanities Research Council Doctoral Fellowship (\$60,000), 2022 Alberta Innovates AbSPORU Studentship in Patient-Oriented Research (\$30,000), 2023 GSA Travel Award (\$500), 2023 Mary Louise Imrie Graduate Student Award (\$1,500), 2023 Alberta College of Occupational Therapists Centenary PhD Scholarship (\$5,000) (Total amount of awards received = \$109,000)

**Gagan Nagra**, PhD. Rehab Science, Co-supervise with Dr. Christine Guptill. Started Sept. 2022.

**Awards:** Best student presentation award at the 2023 International Conference of the Work Disability Prevention and Integration (WDPI) Scientific Committee of the International Commission on Occupational Health (ICOH). Bengaluru, India, September 20-26, 2023.

#### *Completed Masters*

**Yoko Ikezawa**, MSc Rehab Science, Completed 2009. Thesis title: *Reliability of Clinician Return-to-Work Decisions for Workers' Compensation Claimants*. **Awards:** Japanese Physical Therapy Association Scholarship (Total amount of awards received = \$1,667)

Current status: Rehabilitation Assistant Instructor with CDI College, Edmonton, Alberta

**Curtis Hlushak**, MSc Rehab Science, Completed 2009: Thesis title: *The Relationship Between Cardiovascular Fitness Level And Return To Work Status In Injured Workers With Upper Extremity Cumulative Trauma Disorder*.

**Awards:** Canadian Institutes of Health Research Institute for Musculoskeletal Health and Arthritis/Canadian Institute for the Relief of Pain and Disability Masters' Award. (Total amount of awards received = \$20,500)

Current status: Practicing Physiatrist.

**Jing Zhang**, MSc Computing Science, Co-supervisor with Osmar Zaiane. Completed 2012. Thesis title, *On the Application of Multi-Class Classification in Physical Therapy Recommendations*.

Current status: Computer programmer.

**Hilda Aravena**, MSc Rehab Science. Primary Supervisor (Co-supervise with Dr. Geoff Bostick) Completed 2014. Thesis title: *Utility Of The Orebro Musculoskeletal Pain Questionnaire As A Screening And Clinical Decision Support Tool In Workers' Compensation Claimants*.

**Awards:** Department of Physical Therapy Masters Scholarship (Total amount of awards received = \$40,000)

Current status: Instructor at Universidad Católica del Norte, Chile.

**Ziling Qin**, MSc Rehab Science. Completed 2014. Thesis title: *Evaluation of A Clinical Decision Support Tool for Selecting Optimal Rehabilitation Intervention for Injured Workers*.

Current status: PhD student in Biostatistics at Brown University.

**Callum Lavoie**, MSc Rehab Science. Completed 2014: Thesis title: *The Association between Rural Residence and Return to Work in Workers' Compensation Claimants*. **Awards:** 2014 Al Cook Graduate Scholarship in Rehabilitation Medicine (Total amount of awards received = \$1,000)

Current status: Medical resident.

**Tamseela Chughtai**, MSc Rehab Science, Completed 2017. Thesis title: *Factors Associated With Performance On Short-Form Functional Capacity Evaluation In Workers' Compensation Claimants*. **Awards:** Cheung Family Graduate Award in Rehabilitation Medicine, Golden Key International Honor Society Award (Total amount of awards received = \$750)

Current Status: Physiotherapist

**Jesse Karpman**, MSc Rehab Science, Completed 2017. Thesis title: *Do Wearable Fitness Devices Correlate With Performance-Based Tests of Work-Related Functional Capacity*.

**Awards:** Second Place Best Presentation Award for *Do Wearable Fitness Devices Correlate With Performance-Based Tests of Work-Related Functional Capacity*. Faculty of Rehabilitation Medicine Research Day, June 3, 2016.

Current Status: Physiotherapist

**Alex Bell-Moratto**, MSc Rehab Science, Completed September 2019. Co-supervise with Dr. Geoff Bostick. Thesis title: *Back Pain Beliefs and their Impact on Treatment Seeking Behaviour*.

**Awards:** Al Cook Graduate Scholarship in Rehabilitation Science, Hopper-Cleary Scholarship in Rehabilitation. (Total amount of awards received = \$3,000)

Current Status: Physiotherapist

**Geoffrey Rachor**, MSc Rehab Science, Completed September 2020. Thesis title: *Factors Predicting Return-to-Work Outcomes in Workers with or without Comorbid Physical Injuries and Traumatic Psychological Injuries* **Awards:** 2020 FRM Recruitment Scholarship, 2021 Al Cook Graduate Scholarship in Rehabilitation Science (Total amount of awards received = \$21,000)

Current Status: PhD student at University of Regina

**Brandon Krebs**, MSc Rehab Science, Completed August 2022. Thesis title: *The Influence of Psychological Comorbidity on Return-to-Work Following a Multidisciplinary Rehabilitation Program* **Awards:** 2021 FRM Recruitment Scholarship, 2022 Al Cook Graduate Scholarship in Rehabilitation Science (Total amount of awards received = \$21,000)

Current Status: MSc student in Counselling Psychology at University of Alberta

#### Current Masters

**Parnian Yousefi**, MSc Computing Science, Started September 2017. Co-supervise with Dr. Osmar Zaiane (on Medical Leave)

**Brit Chase**, MSc Rehab Science, Started September 2020.

**Sarah Jane Conrad**, MSc Rehab Science, Started September 2020.

**Anna Shologan**, MSc Rehab Science, Started September 2021.

**Meaghan Ray Peters**, MSc Rehab Science, Started September 2021. **Awards:** 2022 Social Sciences and Humanities Research Council Doctoral Fellowship, 2022 Al Cook Graduate Scholarship in Rehabilitation Science (\$30,000) (Total amount of awards received = \$31,000)

#### Visiting Graduate Student Supervision

**Arnella Suman**, Ph.D. in Epidemiology from Vrije Universiteit Amsterdam. 6 -week visit in September/October 2016. Funded by EMGO+ Travel Grant (\$3000).

**Eloi Gergele**, MSc in Health Engineering (Clinical Research Program) from the University of Grenoble. 6-Month visit between February and August 2019.

#### Supervisory Committee Member

Ph.D.

**Danielle Johnston**, Ph.D. Rehab Science, Started 2020.

**Erin Branton**, Ph.D. Rehab Science, Started 2020.

**Craig St. Jean**, Combined MScSLP/Ph.D. Rehab Science, Started 2019.

**Golnoush Mehrabani**, Ph.D. Rehab Science, Completed 2021, Thesis title: *Reducing Sedentary Behaviour in Adults with Multiple Sclerosis: A Feasibility Trial*.

**Malik Alanazi**, Ph.D. Rehab Science, Completed 2020, Thesis title: *Metrology of Health-Related Quality of Life Measurements in Adults and Adolescents with Scoliosis*.

**Naomi Dolgoy**, Ph.D. Rehab Science, Completed 2020, Thesis title: *Exploring Cancer-Related Fatigue and its Impact on Function and Work-Related Outcomes*.

**Liana Lentz**, Ph.D. Public Health, UofA, Completed 2020, Thesis title: *An Exploration of Musculoskeletal Injuries Occurring in a Canadian Police Agency: Can Fitness Test Results Predict Injury Risk?*

**David Jones**, Ph.D. Public Health, UofA, Completed 2013, Thesis title: *Work, Injury, and Depression: The influence of work status on depressive symptoms for those recovering from musculoskeletal injury*.

**Leah Phillips**, Ph.D. Public Health, UofA, Completed 2010. Thesis title: *Pain Coping: A Study of Injured Workers with Long Term Pain*.

**Riikka Niemeläinen**, Ph.D. Rehab Science, Completed 2009. Thesis title: *Pain and MRI Findings in the Thoracic Region*.

**Audrey Kinzel**, Ph.D. Counseling Psych, UofA, Completed 2008. Thesis title: *Acceptance of chronic pain*.

**Tula Paul**, Ph.D. Counseling Psych, UofA, Completed 2007. Thesis title: *Beliefs about chronic pain and recovery*.

#### Masters

**Evan Worman**, MSc Public Health, UofA. Started 2020.

**Richard Roberts**, MSc Public Health, UofA. Started 2020.

**Bina Gyawali**, MSc Rehab Science, Completed 2023. Thesis Title: *Factors associated with return to work after a spinal cord injury: a systematic review and meta-analysis*



- Christopher Holt**, MSc Rehab Science, UofA. Completed 2019. Thesis title: *Sticking to it: A scoping review of Adherence to Exercise Therapy Interventions in Children and Adolescents with Musculoskeletal Conditions.*
- Janelle Marietta-Vasquez**, MSc Management, University of Lethbridge Dhillon School of Business. Completed 2018. Thesis title, *A Systematic Review of the Effectiveness of Benchmarks in Social Marketing Initiatives Focused on Reduction of Disability due to Back Pain.*
- William Russell**, MSc Rehab Science, UofA. Completed 2016. Thesis title: *Clinicians' Perspectives on Cross-Education in Stroke Rehabilitation.*
- Liane Jean**, MSc Physical Education, UofA. Completed 2016. Thesis title: *10-Week Training Program: Normal and Single-Foot Elevated Full Squats in ACL Injured Persons.*
- Sébastien Périgny-Lajoie**, MSc Rehab Science, UofA, Completed 2016. Thesis title: *The effectiveness of Return to Duty Intervention: Evaluating an interdisciplinary approach to supporting Canadian Armed Forces members who have physical and non-physical disorders.*
- Desi Fuhr**, MSc Physical Education, UofA, Completed 2011. Thesis title: *Effect of fatigue on whole body mechanics during a simulated 10 km race.*
- Larissa Arujo Costa**, MSc Rehab Science, UofA, Completed 2011. Thesis title: *The effect of deep leg squats on patellofemoral pain syndrome.*
- Dejan Ozegovic**, MSc Public Health, UofA, Completed 2008. Thesis title: *Whiplash: What to expect from expectations.*
- Jorge Fuentes**, MScPT (Thesis-based), Completed 2007. Thesis title: *Affects of interferential current therapy on pressure pain thresholds in healthy subjects.*
- Maosila Donald**, MScPT (Thesis-based), Completed 2007. Thesis title: *Factors affecting hospital length of stay after total hip arthroplasty/ total knee arthroplasty.*
- Alexander Asante**, MScOT (Thesis-based), Completed 2004. Thesis title: *The relationship between perceived lifting ability, actual performance and self-rated health status.*

#### External Examiner

- Joao Henrique Falk Neto**, PhD Physical Education, UofA. Thesis topic *Understanding the role of the supra-maximal intensity zone in sprint triathlon.*
- Adriana Angarita Fonseca**, Ph.D. Community Health and Epidemiology, University of Saskatchewan. Completed 2020. Thesis title: *Physical Activity and Chronic Back Disorders in Canadian Adults.*
- Ada Kwan Wing Law**, Ph.D. Counselling Psychology, University of British Columbia. Completed 2020. Thesis title: *I Can Suppress the Pain, But Then What? Seeking Resolution to Chronic Musculoskeletal Pain Among Immigrants From China.*
- Tarcisio Folly de Campos**, Ph.D. Health Professions, Macquarie University. Completed 2020. Thesis title: *Contemporary Understanding of Prevention of Spinal Pain*
- Jennifer Bartlett**, Ph.D. Counseling Psych, University of Alberta, Completed 2018. Thesis title: *Emotion-Focused Group Psychotherapy for Bulimia Nervosa.*
- Michael Swain**, Ph.D., Medicine and Health, University of Sydney, Completed 2018. Thesis title: *Pain and Injury in Adolescents and Young Adults*
- Oksana Vynnyk**, Ph.D. History, University of Alberta, Completed 2018. Thesis title: *Postwar Normalization: Reintegration of Disabled Veterans to Civilian Life in Interwar Lviv*
- Julia Jane Hill**, Ph.D., Physiotherapy, Monash University, Completed 2015. Thesis title: *Low Back Pain in Children*
- Katherine Pohlman**, Ph.D., Medical Sciences, University of Alberta, Examiner for thesis proposal 2014.
- Tze Siong Ng**, Ph.D. Physiotherapy, University of Queensland, Completed 2013. Thesis title: *Whiplash-associated Disorders: A Cross-cultural Comparison Between Australia and Singapore*
- Ross Iles**, Ph.D. Physiotherapy, La Trobe University, Australia, Completed 2012. Thesis title: *Recovery Expectations in People with Low Back Pain*
- Naila Edries**, MSc Physiotherapy, University of Cape Town, South Africa, Completed 2009. Thesis title: *Employee wellness programme in clothing/textile manufacturing companies: What are the effects?*
- Jenny Legge**, Ph.D. Rehabilitation, University of Queensland, Australia, Proposal examiner 2008.

*Internal Examiner/ Reader*

**Kirsten Suderman**, PhD Rehabilitation Science, UofA. Completed December 2022.

**Alexandra Budd**, NEURO 501 Reader, Completed 2021

**Vahid Abdollah**, Ph.D. Rehabilitation Science, UofA. Completed December 2016.

**Stephanie Thompson**, Ph.D. Epidemiology, UofA, Completed 2016.

**Maggie A. Brennan**, Ph.D. Counseling Psychology, UofA, Completed 2015

**Nicole Kostiuik**, Ph.D. Counseling Psychology, UofA, Completed 2012

**Inae Gadotti**, Ph.D. Rehabilitation Science, UofA, Completed 2010

**Susan Armijo**, Ph.D. Rehabilitation Science, UofA, Completed 2010

**Josh Dunn**, Ph.D. Counseling Psych, UofA, Completed 2009

**Christy Tomkins**, Ph.D. Rehabilitation Science, Completed 2008

**Marla Baum, Adrienne Boyd, Emily Hill**, MScSLP, Completed 2013

*Research Awards of Supervised Graduate Students*

- 2022 Faculty of Rehabilitation Medicine Research Day Best Poster Award – Pam Hung, Mary Forhan, Doug Gross. *Understanding how adults with obesity participate in daily activities outside the home: a proposed mixed methods study using ethnography and participatory geospatial methods.*
- 2019 Saxion Research Award – Smart Solutions 2019 for: Six Dijkstra M, Soer R, Bieleman A, McCraty R, Oosterveld F, **Gross DP**, Reneman M (Marianne Six Dijkstra's Doctoral Program Co-Supervisors). Exploring a 1-minute paced deep-breathing measurement of heart rate variability as part of a workers' health assessment. *Saxion University of Applied Sciences Research Conference*, Enschede, The Netherlands, June 2019.
- 2017 Glenrose Rehabilitation Hospital Spotlight on Research Breakfast Best Poster Presentation Finalist (Honourable Mention)- McCabe E, **Gross DP**, Bulut O. *Developing computerized adaptive tests to improve the efficiency of patient-reported outcome assessment: Clinically feasible procedures.* Edmonton, AB, Nov. 22, 2017.
- 2016 National Strength and Conditioning Association 2016 National Conference Masters' Podium Presentation Award - Jean LMY, Hallworth I, **Gross DP**, Chiu LZF. *Ten Weeks Full Squat Training In Persons With Anterior Cruciate Ligament Injury: Preliminary Results.* New Orleans, LA, July 6-9, 2016.
- 2016 University of Alberta Faculty of Rehabilitation Medicine Research Day Best Presentation Award (2<sup>nd</sup> Place) - Jesse Karpman, Patricia J. Manns, Christy Tomkins-Lane, **Douglas P. Gross** for *Do Wearable Fitness Devices Correlate With Performance-Based Tests of Work-Related Functional Capacity.* Edmonton, AB, June 3, 2016.
- 2005 Supervisor of graduate student project that received the *Physiotherapy Foundation of Canada Entry-Level Student Award* for top research accomplishment at the University of Alberta
- 2005 Supervisor of graduate student project that was finalist for the *Ann Collins Whitmore Entry-Level Student Research Award* (Ranked 1 of the top 3 in Canada)

*MScPT (Course-based) Project Supervisor*

- 2013 Marja Koponen, University of Jyväskylä Master of Health Sciences student. Three-month Research Practicum Supervised by Riikka Niemeläinen and Douglas Gross. *Do Extended Occupational Rehabilitation Programs Result in Better Return to Work Outcomes?*
- 2010 Lynn Lam, Jason Melnikel, Bonnie Trang. *The Early Physiotherapy Management of Whiplash Associated Disorders.*
- 2010 Karly Hodinski, Alissa Nanninga, Audrey Nunweiler, Kristin Stengler. *Tools Used By Physical Therapists In Making Return To Work Decisions With Cancer Survivors: A Scoping Review With Key Informant Interviews.*
- 2010 Annabelle Boon, Kerra Quinn, Melanie Schlichter, Carrie Tam, Laura Young. *Practice Patterns of Physical Therapists in Alberta for Patients with Mechanical Low Back Pain Making First Time Claims with the Workers' Compensation Board.*
- 2009 Erin N. Branton, Kelly M. Arnold, Sheena R. Appelt, Megan M. Hodges. *A Short-Form Functional Capacity Evaluation Predicts Time to Recovery but Not Sustained RTW*

- 2008 Kirstin M. Brunke, Carla R. Huls, Jennifer N. LaRoy, Katherine S. Reagan, Janine A. Wilton. *Care-Seeking Behavior and Back Pain: Do Beliefs and Coping Strategies Influence the Decision to Seek Care?*
- 2007 Jared Chuchmuch, Nicole McVarish, Yuka Ota, Heather Stone. *Post surgical protocols following rotator cuff surgical repairs*
- 2007 Tyson Plesuk, James Rowan, Erica Mueller, Tracy Sullivan, Jody Miller. *The public's perception of physical therapy*
- 2006 Ryan Scott, Trevor Stork, Craig Babiuk. *An inventory and critical appraisal of low back pain classification systems*
- 2005 Brent Hartman, Anna Hebert, Sanja Jankovic, Melissa Voll. *The role of exercise, manual therapy, and education in management of back pain during pregnancy*
- 2005 Nora Dienstmann, Alanna MacDonald, Alicia Savona. *Development of public educational materials for reducing low back pain disability.*

### **COURSES TAUGHT AT UNIVERSITY OF ALBERTA**

#### *Graduate courses – Primary instructor*

REHAB 601 – Research Design in Rehabilitation Science  
 REHAB 570 – Diagnostic Imaging in Physiotherapy Practice  
 PTher 900 – Evidence Based Practise Capping Exercise  
 PTher 572 – Basic Concepts in Evidence Based Practice in Physiotherapy  
 PTher 500 – Movement Analysis  
 PTher 551, 552, 553 and 900 – Major Project Design I, II III

#### *Graduate courses – Team teaching*

PTher 537 – Integrated Practise IV  
 PTher 557 – Health Management Across the Continuum  
 PTher 571 – Evidence-Based Practice I – Single Subject Design Component

#### *Undergraduate courses – Primary instructor*

PTher 387 – Seminars in Therapeutics  
 PTher 490 – Measurement and Technology in Rehabilitation

#### *Undergraduate courses – Team teaching*

PTher 311 – Biomechanics in Physical Therapy

### **PROFESSIONAL AFFILIATIONS/ MEMBERSHIPS**

2018-2023 Associate Membership, University of Lethbridge School of Graduate Studies  
 2014-2023 Research Affiliate, Glenrose Rehabilitation Hospital  
 Since 2019 Women and Children's Health Research Institute  
 Since 2017 Work Wellness and Disability Prevention Institute  
 Since 2013 Workers' Compensation Research Group  
 Since 2008 Canadian Association for Research on Work and Health  
 Since 1997 College of Physical Therapists of Alberta/ Physiotherapy Alberta: College & Association

### **SERVICE POSITIONS**

#### *International*

2020 – Present Editor-in-Chief, *Journal of Occupational Rehabilitation*  
 2021 – Present Advisory Board Member, *Cochrane Rehabilitation Group*  
 2012 – 2022 Co-founder and Co-chair, *International Functional Capacity Evaluation Research Conference*  
 International Organizing Committee  
 2018 – 2020 Senior Associate Editor, *Journal of Occupational Rehabilitation*

2010 – 2012	Member, International Association for the Study of Pain Review Committee for Physical Therapy Pain Assessment Curriculum (for training of post-graduate therapists)
2004 – 2006	Member, WorkWell's Functional Capacity Evaluation Redesign Task Force
2003 – 2004	Member, Forum VII on Primary Care Research on Low-Back Pain Conference Local Organizing Committee
2002 – 2003	Consultant, University of Michigan Rehabilitation Engineering Research Project on Functional Assessment of Injured Workers

*National*

2014 – 2020	Member, Scientific Committee of the Health and Work Productivity Portal of the Work Wellness and Disability Prevention Institute (WWDPI)
2012 – 2013	Member, Physiotherapy Canada Task Force Exploring Online-Only Publication

*Provincial*

2022 – Present	Co-Chair, Alberta Health Services Long COVID Research Committee
2020 – Present	Member, McCalla Professor Group
2019 – Present	Member, Alberta Pain Strategy Education Working Group
2016 – 2020	Co-Chair, Alberta Rehabilitation Research Advisory Council
2015 – 2020	Member, Glen Sather Sports Medicine Clinic Research Committee
2012 – 2015	Chair, Glen Sather Sports Medicine Clinic Research Committee
2011 – 2012	Member, University of Alberta Research Ethics Board Oversight Committee
2009 – 2012	Co-Chair, University of Alberta Research Ethics Board – Health Panel
2012	Chair, Alberta Occupational Rehabilitation Forum, Chair
2009 – 2013	Chair, WCB-Alberta Millard Health's Research Committee
2008 – 2012	Consultant, Alberta Health Services Bone and Joint Clinical Network Spine Working Group
2008 – 2009	Team Lead, Secondary Prevention and Wellness Stream of the Alberta Bone and Joint Health Institute Provincial Spine Care Project
2005 – 2012	Ad hoc Reviewer, Alberta Innovates Health Solutions Community Research Ethics Board
2005 – 2009	Member, University of Alberta Research Ethics Board – Health Panel
2005 – 2006	Member, Government of Alberta Diagnostic and Treatment Protocols Working Group, Edmonton, Alberta, Canada
2003 – 2008	Mentor, Alberta Canadian Institutes of Health Research Training Program in Bone and Joint Health
2000 – 2008	Member, Millard Health's Research Committee

*Peer-Reviewing*

Since 2017	Member, Canadian Institutes for Health Research College of Reviewers
2016 – 2019	Member, Alberta Innovates Clinician Researcher Review Committee
2011 – 2013	Member, Canadian Institutes for Health Research Allied Health Professionals – Fellowships Awards Committee
2012 – 2013	Guest Editor for Physiotherapy Canada Special Series on Knowledge Translation and Behaviour Change: Patients, Providers, and Populations

Associate Editor for the *Encyclopedia of Behavioral Medicine's* Work Disability, Occupational Rehabilitation, and Occupational Therapy Interventions. Editors: Marc D. Gellman and J. Rick Turner. ISBN: 978-1-4419-1004-2 (Print) 978-1-4419-1005-9 (Online).

Editorial Board Member: *SPINE* and *Hong Kong Physiotherapy Journal*

Associate Editor for Special Series of *Physiotherapy Canada* focused on 'Knowledge Translation and Behavioural Change: Patients, Providers, and Populations'

Ad hoc reviewer for the journals: *Canadian Medical Association Journal*, *Pain*, *Spine*, *Physical Therapy*, *European Journal of Pain*, *Archives of Physical Medicine and Rehabilitation*, *Cochrane Collaboration*, *Journal of Cancer Survivorship*, *Occupational and Environmental Medicine*, *Journal of Occupational Rehabilitation*, *Annals of Rheumatology*, *Clinical Physiology and Functional Imaging*, *Journal of Cancer Survivorship*, and *Physiotherapy Canada*.

Ad hoc grant proposal reviewer for: *Canadian Institutes of Health Research*, *ZonMw* (Netherlands Organization for Health Research and Development), *WSIB–Ontario*, *WorkSafeBC*

#### *Community and Personal Activities*

Certified Canadian Community Coach – Involved for 2 decades in coaching community and high school sports (basketball and baseball).

Performed vocals on songs by the Swedish metal bands *Noutheim* and *The Breaching Experiment* (available on [Apple iTunes](#) or [Spotify](#), or [YouTube](#))

Member of Mensa Canada Since 2012