

2021-2022 PUBLICATIONS SUMMARY

In 2021-2022, SCNs contributed to

more than 500

manuscripts and scholarly publications, including:

437

peer-reviewed publications

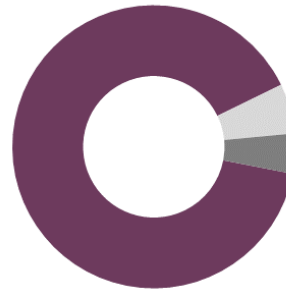
68

submitted or in-press manuscripts*

NOTE:

* status as of March 30, 2022; totals include print and e-pubs

SCN ROLE



25 publications with SCN financial support (6%)
 20 publications with SCN in-kind support (5%)
 393 publications with SCN leaders as named author (90%)

SCNs

Provincial Programs



Pan-SCN Leadership Team



Bone and Joint Health



Cancer



Cardiovascular Health & Stroke



Critical Care



Diabetes, Obesity & Nutrition



Digestive Health



Emergency



Maternal, Newborn, Child & Youth



Medicine (includes Hospital Medicine, Kidney Health and Respiratory Health)



Neurosciences, Rehabilitation & Vision



Surgery



Indigenous Wellness Core



Primary Health Care Integration Network



Provincial Addiction & Mental Health



Provincial Population & Public Health




Provincial Seniors Health & Continuing Care

Other Search Options

→ By [Author Surname](#)

→ By [Keyword](#)

Notes

1. SCN or Provincial Program leaders are contributing authors on all publications listed here unless otherwise noted.
 - Names of SCN or Provincial Program leaders are marked in **bold type**. They include the chief program officer (CPO), associate chief medical officer (ACMO), scientific director (SD), assistant scientific director (ASD), senior provincial director (SPD), senior medical director (SMD), executive director (ED), manager (MGR), and research scientist (RES SCI).
 - Patient and family advisors, student researchers, and trainees who have received SEED grants from the SCN or are members of the SCN Core Committee are marked with underlined type.
2. Where SCN or Provincial Program leaders are not listed as authors:
 - The study has been authored by scientists other than the SD or ASD who work within the Provincial Program and engage in scientific research, knowledge generation and innovation activity that supports the Program.
 - The SCN or Provincial Program has provided financial or significant in-kind support (e.g., data analysis) and this is noted in the citation.
3. Publications listed here include manuscripts submitted or published during the annual reporting period (April 1, 2021 to March 31, 2022). Publication status is noted for manuscripts that were accepted/in press or submitted by the end of the fiscal year.
 Manuscripts listed as 'accepted/in-press' or 'submitted' as of March 31, 2022 are not counted in summary metrics (even if they have since been published). This approach avoids double-counting and ensures consistent year-to-year reporting. Grants, awards, publications and other achievements since March 2022 will be captured in next year's report.
4. Where publications include authors from multiple SCNs or Provincial Programs, the publication is counted only once in the summary metrics.
5. Each SCN or Provincial Program's publications are listed by year and then alphabetically by author surname.
6. This list includes peer-reviewed scholarly publications only. It does not include reports, evidence reviews, book chapters, guidance documents, grey literature or other types of knowledge products and deliverables. For details on other professional publications, COVID-related evidence reviews, and reports, see the [Other Outcomes & Deliverables Summary](#). Further detail on performance indicators related to publications is provided in [Appendix A](#).

Strategic Clinical Networks



PAN-SCN LEADERSHIP TEAM

CPO: Tracy Wasylak | ACMO: Braden Manns | ED: Mikie Mork | MGR: Jatin Patel

2022

Farragher JF, Ravani P, **Manns B**, Elliott M, Thomas C, Donald M, Verdin N, Hemmelgarn BR. A pilot randomised controlled trial of an energy management programme for adults on maintenance haemodialysis: the fatigue-HD study. *BMJ Open*. 2022 Feb 10;12(2):e051475. doi: 10.1136/bmjopen-2021-051475. PMID: 35144947 Free PMC article. Clinical Trial.

Garrison SR, Kolber MR, Allan GM, Bakal J, Green L, Singer A, Trueman DR, McAlister FA, Padwal RS, Hill MD, **Manns B**, McGrail K, O'Neill B, Greiver M, Froentjes LS, Manca DP, Mangin D, Wong ST, MacLean C, Kirkwood JE, McCracken R, McCormack JP, Norris C, Korownyk T. Bedtime versus morning use of antihypertensives for cardiovascular risk reduction (BedMed): protocol for a prospective, randomised, open-label, blinded end-point pragmatic trial. *BMJ Open*. 2022 Feb 24;12(2):e059711. doi: 10.1136/bmjopen-2021-059711. PMID: 35210352 Free PMC article.

Manns BJ, Garg AX, Sood MM, Ferguson T, Kim SJ, Naimark D, Nesrallah GE, Soroka SD, Beaulieu M, Dixon SN, Alam A, Allu S, Tangri N. Multifaceted Intervention to Increase the Use of Home Dialysis: A Cluster Randomized Controlled Trial. *Clin J Am Soc Nephrol*. 2022 Mar 21:CJN.13191021. doi: 10.2215/CJN.13191021. Online ahead of print. PMID: 35314481.

Tonelli M, Lloyd A, Cheung WY, Hemmelgarn BR, James MT, Ravani P, **Manns B**, Klarenbach SW. Mortality and Resource Use Among Individuals With Chronic Kidney Disease or Cancer in Alberta, Canada, 2004-2015. *JAMA Netw Open*. 2022 Jan 4;5(1):e2144713. doi: 10.1001/jamanetworkopen.2021.44713. PMID: 35076702 Free PMC article.

2021

Bagshaw SM, Zuege DJ, Stelfox HT, Opgenorth D, **Wasylak T**, Fraser N, Nguyen TX; "Association Between Pandemic Coronavirus Disease 2019 Public Health Measures and Reduction in Critical Care Utilization Across ICUs in Alberta, Canada". *Crit Care Med*. 2021 Sep 8. doi: 10.1097/CCM.0000000000005275. Epub ahead of print. PMID: 34495878.

Benham JL, Atabati O, Oxoby RJ, Mourali M, Shaffer B, Sheikh H, Boucher JC, Constantinescu C, Parsons Leigh J, Ivers NM, Ratzan SC, Fullerton MM, Tang T, **Manns BJ**, Marshall DA, Hu J, Lang R. COVID-19 Vaccine-Related Attitudes and Beliefs in Canada: National Cross-sectional Survey and Cluster Analysis. *JMIR Public Health Surveill*. 2021 Dec 23;7(12):e30424. doi: 10.2196/30424. PMID: 34779784 Free PMC article.

Campbell DJT, Campbell DB, Ogundeji Y, Au F, Beall R, Ronksley PE, Quinn AE, **Manns BJ**, Hemmelgarn BR, Tonelli M, Spackman E. First-line pharmacotherapy for incident type 2 diabetes: Prescription patterns, adherence and associated costs. *Diabet Med.* **2021 Jun 16**:e14622. doi: 10.1111/dme.14622. Online ahead of print.PMID: 34133781

Chong C, Wick J, Klarenbach S, **Manns B**, Hemmelgarn B, Ronksley P. Cost of Potentially Preventable Hospitalizations Among Adults With Chronic Kidney Disease: A Population-Based Cohort Study. *Can J Kidney Health Dis.* **2021 Jun 4**;8:20543581211018528. doi: 10.1177/20543581211018528. eCollection 2021.PMID: 34158964

Davison SN, Klarenbach S, **Manns B**, Schick-Makaroff K, Buzinski R, Corradetti B, Short H, Johnson JA. Correction to: Patient-reported outcome measures in the care of in-centre hemodialysis patients.*J Patient Rep Outcomes.* **2021 Nov 3**;5(1):115. doi: 10.1186/s41687-021-00388-w.PMID: 34731331 Free PMC article. No abstract available.

Davison SN, Klarenbach S, **Manns B**, Schnick-Makaroff K, Buzinski R, Corradetti B, Short H, Johnson JA. Patient-reported outcome measures in the care of in-centre hemodialysis patients.*J Patient Rep Outcomes.* **2021 Oct 12**;5(Suppl 2):93. doi: 10.1186/s41687-021-00365-3.PMID: 34637030 Free PMC article.

Donald M, Smekal MD, Elliott MJ, McBrien K, Weaver RG, **Manns BJ**, Tonelli M, Bello A, Straus SE, Scott-Douglas N, Jindal K, Hemmelgarn BR. Online clinical pathway for chronic kidney disease management in primary care: a retrospective cohort study. *BMC Nephrol.* **2021 Oct 6**;22(1):332. doi: 10.1186/s12882-021-02533-5.PMID: 34615462 Free PMC article.

Elliott MJ, Allu S, Beaucage M, McKenzie S, Kappel J, Harvey R, Morrin L, Soroka S, Graham J, Harding C, Pinsk M, Harris H, Tang M, **Manns B**. Defining the scope of knowledge translation within a national, patient-oriented kidney research network. *Can J Kidney Health Dis.* **2021 Apr 8**;8:20543581211004803. doi: 10.1177/20543581211004803. eCollection 2021.

Flynn R, Brooks S, Thomson D, Zimmermann G, Johnson D, **Wasylak T**, "An Implementation Science Laboratory as one Approach to Whole System Improvement: A Canadian Healthcare Perspective" *International Journal Environment Res. Public Health* Nov 2021 doi10:3390/ijerph182312681.

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Harrison TG, Ronksley PE, James MT, Ruzycski SM, Tonelli M, **Manns BJ**, Zarnke KB, McCaughey D, Schneider P, Wick J, Hemmelgarn BR. Mortality and cardiovascular events in adults with kidney failure after major non-cardiac surgery: a population-based cohort study.*BMC Nephrol.* **2021 Nov 4**;22(1):365. doi: 10.1186/s12882-021-02577-7.PMID: 34736410 Free PMC article.

Kaba A, Manhas K, Churchill K, Miller J, Sommer R, **Wasylak T**, Guirguis M, "Building a Sustainable Healthcare System: Using a shared decision making to prioritize patient needs within a provincial healthcare system" *Healthcare Management Forum* 2021 Sept 9. manuscript ID is HMF-21-0086

Lang R, Atabati O, Oxoby RJ, Mourali M, Shaffer B, Sheikh H, Fullerton MM, Tang T, Leigh JP, **Manns BJ**, Marshall DA, Ivers NM, Ratzan SC, Hu J, Benham JL. Characterization of non-adopters of COVID-19 non-pharmaceutical interventions through a national cross-sectional survey to assess attitudes and behaviours.*Sci Rep.* **2021 Nov 5**;11(1):21751. doi: 10.1038/s41598-021-01279-2.PMID: 34741109 Free PMC article.

Lang R, Benham JL, Atabati O, Hollis A, Tombe T, Shaffer B, Burns KK, MacKean G, Léveillé T, McCormack B, Sheikh H, Fullerton MM, Tang T, Boucher JC, Constantinescu C, Mourali M, **Manns BJ**, Marshall DA, Hu J, Oxoby RJ. Attitudes, behaviours and barriers to public health measures for COVID-19: a survey to inform public health messaging. *BMC Public Health*. **2021 Apr 21**;21(1):765. doi: 10.1186/s12889-021-10790-0.PMID: 33882896

Manhas KP, Olson K, Churchill K, Miller J, Teare S, Vohra S and Wasylak T, “Exploring Patient-Centredness, Communication and Decision-Making Under a New Model of Care: Community Rehabilitation in Canada.” (2021) *Health and Social Care in the Community Early View* April, 2021. DOI: 10.1111/hsc.13304

McCarron TL, Clement F, Rasiah J, Moran C, Moffat K, Gonzalez A, **Wasylak T**, and Santana M, (2021). Patients as partners in health research: A scoping review. *Health Expectations*. 2021 Aug 21 24 (4). pp 1378 - 1390

Nguyen KH, Yankey D, Lu PJ, Kriss JL, Brewer NT, Razzaghi H, Meghani M, Manns BJ, Lee JT, Singleton JA. Report of Health Care Provider Recommendation for COVID-19 Vaccination Among Adults, by Recipient COVID-19 Vaccination Status and Attitudes - United States, April-September 2021. *MMWR Morb Mortal Wkly Rep*. 2021 Dec 17;70(50):1723-1730. doi: 10.15585/mmwr.mm7050a1.PMID: 34914669 Free PMC article.

Nguyen T, Jeerakathil T, Stang J, Halabi M, Mann B, Buck B, Rempel J, Goyal M, Demchuk A, Valaire S, **Wasylak T**, Hill M, “Return on Investment in Endovascular Care: The case of Endovascular Reperfusion Alberta” Cambridge University Press 2021 August 6 Doi: 10.1017/cjn.2021.189

Ogundeji Y, Clement F, Wellstead D, Farkas B, **Manns B**. Primary care physicians' perceptions of the role of alternative payment models in recruitment and retention in rural Alberta: a qualitative study. *CMAJ Open*. 2021 Jul 20;9(3):E788-E794. doi: 10.9778/cmajo.20200202. Print 2021 Jul-Sep.PMID: 34285058 Free PMC article.

Ogundeji YK, Quinn A, Lunney M, Chong C, Chew D, Hopkin G, Senior P, Sumner G, Williams J, **Manns B**. Optimizing Physician Payment Models to Address Health System Priorities: Perspectives from Specialist Physicians. *Healthc Policy*. 2021 Aug;17(1):58-72. doi: 10.12927/hcpol.2021.26577.

Papini A, **Manns BJ**, Elliott MJ. Evaluation of the Cost of a High-Dose Intravenous Iron Protocol in a Regional Hemodialysis Program: Research Letter. *Can J Kidney Health Dis*. **2021 Dec 8**;8:20543581211063984. doi: 10.1177/20543581211063984. eCollection 2021.PMID: 35186304 Free PMC article.

Persaud N, Bedard M, Boozary A, Glazier RH, Gomes T, Hwang SW, Juni P, Law MR, Mamdani M, **Manns B**, Martin D, Morgan SG, Oh P, Pinto AD, Shah BR, Sullivan F, Umali N, Thorpe KE, Tu K, Laupacis A; Carefully seLected and Easily Accessible at No Charge Medications (CLEAN Meds) study team. Adherence at 2 years with distribution of essential medicines at no charge: The CLEAN Meds randomized clinical trial. *PLoS Med*. **2021 May 21**;18(5):e1003590. doi: 10.1371/journal.pmed.1003590. eCollection 2021 May.PMID: 34019540.

Raj SR; SPRITELY Investigators. *JACC Clin Electrophysiol*. 2022 Feb;8(2):239-248. doi: 10.1016/j.jacep.2021.10.003. **Epub 2021 Nov 24**.PMID: 35210082 Clinical Trial.

Rennert-May E, Leal J, Thanh NX, Lang E, Dowling S, **Manns B**, **Wasylak T**, Ronksley PE. The impact of COVID-19 on hospital admissions and emergency department visits: A population-based study. *PLoS One*. **2021 Jun 1**;16(6):e0252441. doi: 10.1371/journal.pone.0252441. eCollection 2021.PMID: 34061888.

Rennert-May E, Raj SR, Leal J, Exner DV, **Manns BJ**, Chew DS. Economic evaluation of an absorbable antibiotic envelope for prevention of cardiac implantable electronic device infection. *Europace*. **2021 May 21**;23(5):767-774. doi: 10.1093/europace/euaa291. PMID: 33554239.

Shah BD, Tyan CC, Rana M, Goodridge D, Hergott CA, Osgood ND, **Manns B**, Penz ED. Rural vs urban inequalities in stage at diagnosis for lung cancer. *Cancer Treat Res Commun*. 2021;29:100495. doi: 10.1016/j.ctarc.2021.100495. **Epub 2021 Nov 26**. PMID: 34875463 Free article.

Sheldon R, Talajic M, Tang A, Becker G, Essebag V, Sultan O, Baranchuk A, Ritchie D, Morillo C, Krahn A, Brignole M, **Manns B**, Maxey C, Randomized Pragmatic Trial of Pacemaker Versus Implantable Cardiac Monitor in Syncope and Bifascicular Block.

Shewchuk B, Green L, Barber T, Miller J, Tear S, Campbell-Schere D, Mrklas K, Li L, Marlett N, **Wasylak T**, Lopatina E, McCaughey D, Marshall D, "Patients Use of Mobile Health for Self-management of Knee Osteoarthritis: Results of a 6 Week Pilot Study" *JMIR Formative Research* 25.11.2021 Vol 5 Nov 11 doi:10.2196/30495

Tangri N, Garg AX, Ferguson TW, Dixon S, Rigatto C, Allu S, Chau E, Komenda P, Naimark D, Nesrallah GE, Soroka SD, Beaulieu M, Alam A, Kim SJ, Sood MM, **Manns B**. Effects of a Knowledge-Translation Intervention on Early Dialysis Initiation: A Cluster Randomized Trial. *J Am Soc Nephrol*. **2021 Apr 15**:ASN.2020091254. doi: 10.1681/ASN.2020091254. Online ahead of print. PMID: 33858985.



BONE AND JOINT HEALTH

SD: David Hart (UC) | ASD: Ania Kania-Richmond (UC) | SPD: Jill Robert | SMD: Jason Werle (UC)
ED: Mel Slomp | MGR: Sheila Kelly

2022

Kennedy BL, Currie G, **Kania-Richmond A**, Emery CA, MacKean G, Marshall DA. 2022. Factors that patients consider in their choice of non-surgical management for hip and knee osteoarthritis: formative qualitative research for a discrete choice experiment. *The Patient*, 5(5):537-550. Doi: 10.1007/s40271-022-00577-9.

Kennedy B L, Currie GR, **Kania-Richmond A**, Emery CA, MacKean G, & Marshall DA. 2022. Patient beliefs about who and what influences their hip and knee osteoarthritis symptoms and progression. *Musculoskeletal Care*, Feb 2022. doi.org/10.1002/msc.1620. ◀ Accepted / in press

Korownyk CS, Montgomery L, Young J, Moore S, Singer AG, MacDougall P, Darling S, **Ellis K**, Myers J, Rochford C, Taillefer M, Allan GM, Perry D, Moe SS, Ton J, Kolber MR, Kirkwood J, Thomas B, Garrison S, McCormack JP, Falk J, Dugre N, Sept L, Turgeon RD, Paige A, Potter J, Nickonchuk T, Train AD, Weresch J, Chan D, Lindblad A. 2022. PEER simplified chronic pain guideline: Management of chronic low back, osteoarthritic, and neuropathic pain in primary care. *Canadian Family Physician*, 68(3):179-190 doi: 10.46747/cfp.6803179.

Mazzei DR, Whittaker JL, **Kania-Richmond A**, Faris P, Wasylak T, **Robert J**, Hawker G, Marshall DA. 2022. Do people with knee osteoarthritis use guideline-consistent treatments after an orthopedic surgeon recommends non-surgical care? A cross-sectional survey with long-term follow-up. *Osteoarthritis & Cartilage Open*, 4(2):100256. doi: 10.1016.j.acarto.2022.100256.

Phelps J, Leonard C, Shah S, Krawetz R, **Hart DA**, Duncan N, Sen A. 2022. Production of mesenchymal stem cell-derived extracellular vesicles in suspension bioreactors for use in articular cartilage repair strategies. *Stem Cells Translational Medicine*, 11:73-87. doi: 10.1093/stcltm/szab008.

Ye M, **Robson PJ**, Eurich DT, Vena JE, Xu J-Y, Johnson JA. 2019. Anthropometric changes and risk of diabetes: are there sex differences? A longitudinal study of Alberta's Tomorrow Project. *BMJ Open*, 9(7): e023829. doi:10.1136/bmjopen-2018-023829.

2021

Burnham R, Smith A, **Hart D**. 2002. The safety and effectiveness of bone marrow aspirate concentrate injection for hip and knee osteoarthritis. *Regenerative Medicine*, 16: 619-628. doi: 10.2217/rme-2021-0001.

Crites S, Joumaa V, Rios JL, Sawatsky A, **Hart DA**, Reimer RA, Herzog W. 2021. Moderate aerobic exercise but not dietary fibre, attenuates losses to mechanical property integrity in tail tendons associated with a rat model of obesity. *Journal of Biomechanics*, 129: 110798. doi: 10.1016/j.biomrch.2021.110798.

Eubank B, Lackey S, **Slomp M, Werle J**, Kuntze C, Sheps D. 2021. Consensus for a Primary Care Clinical Decision-making Tool for Assessing, Diagnosing, and Managing Shoulder Pain in Alberta, Canada. *BMC Family Pract.* 2021 Oct 9;22(1):201. Doi:10.1186/s12875-021-01544-3. PMID: 34627163.

Fortuna R., **Hart DA**, Sharkey KA, Schachar RA, Johnston K, Reimer RA. 2021. Effect of a prebiotic supplement on knee joint function, gut microbiota and inflammation in adults with co-morbid obesity and knee osteoarthritis: study protocol for a randomized controlled trial. *Trials*. 22(1): 255. doi: 10.1186/s13063-021-05212-w.

Godziuk K, Prado CM, Beaupre L, Jones CA, **Werle J**, Forhan M. A. 2021. critical review of weight loss recommendations before total knee arthroplasty. *Joint Bone Spine*. 2021 Mar;88(2):105114. doi: 10.1016/j.jbspin.2020.105114. PMID: 33278590.

Hart DA, Martin CR, Scott M, Shrive NG. 2021. The instrumented sheep knee to elucidate insights into osteoarthritis development and progression: A sensitive and reproducible platform for an integrated research effort. *Clinical Biomechanics*. 87: 105404. doi: 10.1016/j.clinbiomech.2021.105404.

Hart DA. 2021. Obesity, the obesity epidemic, and metabolic dysfunction: The conundrum presented by the disconnect between evolution and modern societies. *Journal of Biomedical Science and Engineering*, 14: 203-211. doi: 10.4236/jbise.2021.145017.

Hart DA. 2021. What molecular recognition systems do Mesenchymal Stem Cells/Medicinal Signaling Cells (MSC) use to facilitate cell-cell and cell-matrix interactions? A review of evidence and options. *International Journal of Molecular Science*, 22: 8637.

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Hart D, Werle J, Robert J, Kania-Richmond A. 2021. Long wait times for knee and hip total joint replacement in Canada: An isolated health system problem, or a symptom of a larger problem? *Osteoarthritis and Cartilage Open* 3 (2021) 100141. Doi.org/10.1016/j.ocarto.2021.100141.

Hawker G, Conner-Spady B, Bohm E, Dunbar M, Jones CA, Bheeshma R, Noseworthy T, Woodhouse L, Faris P, Dick D, Powell J, Paul P, Marshall D, BEST Knee Study Team. 2021. The relationship between patient-reported readiness for total knee arthroplasty and likelihood of a good outcome at one year. *Arthritis Care Res (Hoboken).* 2021 Jan 18. Doi: 10.1002/acr.24562.

Kania-Richmond A, Jones CA, Ellis K, Hart DA, Robert J, Slomp M, Martyn J, Beaupre LA. Experience of providers and clinic operators implementing a guideline-based education and exercise program for people with knee and hip osteoarthritis in Alberta, Canada: A qualitative study. *Journal of Evaluation of Clinical Practice.* Submitted Dec 2021.

◀ Submitted

Lemieux J, Kawchuk G, Kongsted A, Hartvigsen J, Abdollah V, Jones A. 2021. The feasibility of implementing an English language version of GLA:D Back. *Pilot Feasibility Study*, 1;7(1):38. doi: 10.1186/s40814-020-00758-z.

◀ SCN financial support

O'Reilly C, Ng-Kamstra J, **Kania-Richmond A, Dort J, White J, Robert J, Brindle M, Sauro K.** Surgery and COVID-19: A rapid scoping review of the impact of the first wave of COVID-19 on surgical services. *BMJ Open.* 2021;11(6): e043966 doi: 10.1136/bmjopen-2020-043966.

Osinchuk S, Grahn B, Wilson T.D, Thompson, B., **Hart, D.A.**, Harrison, K., Cooper, D., Panahifar, A., Rosenberg, A.M. Treatment of Rats with Melanin-Associated Antigen in Incomplete Freund's Adjuvant Leads to Uveitis that is Sex and Age Independent and Unassociated with Arthritis. Submitted June 2021. ▶ Submitted



CANCER

SD: Paula Robson (UA) | ASD: Anna Pujadas Botey (UA) | SPD: Barbara O'Neill (LOA); Angela Estey (acting) | SMD: Doug Stewart (UC) | ED: Angela Estey; Tara Bond (acting) | MGR: Tara Bond | SR PRJ MGR: Tim Buckland

2022

Aktary ML, Ghebrial M, Wang Q, Shack L, **Robson PJ, Kopciuk KA.** 2022. Health-Related and Behavioral Factors Associated with Lung Cancer Stage at Diagnosis: Observations from Alberta's Tomorrow Project. *Cancer Control*, 29, 10732748221091678. [10.1177/10732748221091678](https://doi.org/10.1177/10732748221091678)

Jimenez-Zepeda VH, Yau P, **Stewart D**, Berhan J, Chambers C, Lee H, Tay J, Duggan P, McCulloch S, Neri P and Bahlis N. 2022. Impact of COVID-19 on the Diagnosis and Management of Multiple Myeloma: Experience from a Canadian Center. *Revista de investigación clínica; órgano del Hospital de Enfermedades de la Nutrición*, 74(1), 16–22. <https://doi.org/10.24875/RIC.21000347>

Nguyen XT, Truong-Minh P, Waye A, Tremblay A, Yang H, Dean ML, Wasylak T, Sangha R, **Stewart D**. 2022. Expected Cost Savings from Low Dose Computed Tomography Scan Screening for Lung Cancer in Alberta, Canada. *JTO Clinical and Research Reports*, 3(7), 100350. ◀ Accepted / in press

Puckrin R, Ghosh S, Peters A and **Stewart D**. 2022. Inferior outcomes with R-CEOP for patients with diffuse large B-cell lymphoma and cardiovascular comorbidities. *Leukemia & Lymphoma*, 63(3), 583–590. <https://doi.org/10.1080/10428194.2021.1992762>

Pujadas Botey A, Barber T, **Robson PJ**, **O'Neill B** and Green LA. 2022. Using Care Pathways for Cancer Diagnosis in Primary Care: A Qualitative Study to Understand Family Physicians' Mental Models. *CMAJ Open*. ◀ Submitted

Puckrin R, **Stewart DA** and Shafey M. 2022. Real-World Eligibility for Second-Line Chimeric Antigen Receptor T Cell Therapy in Large B Cell Lymphoma: A Population-Based Analysis. *Transplantation and Cellular Therapy*, 28(4), 218.e1–218.e4. <https://doi.org/10.1016/j.jtct.2022.01.024>

Wang Q, Aktary ML, Spinelli JJ, Shack L, **Robson PJ** and Kopciuk KA. 2022. Pre-diagnosis lifestyle, health history and psychosocial factors associated with stage at breast cancer diagnosis - Potential targets to shift stage earlier. *Cancer epidemiology*, 78, 102152.

2021

Dunne T, **Stewart D**, Lee H, Tay J, Duggan P, McCulloch S, Neri P, Bahlis NJ and Jimenez-Zepeda VH. 2021. Excess of deaths for patients with plasma cell proliferative disorders as a result of the COVID-19 pandemic. *Leukemia & Lymphoma*, 62(14), 3555–3557. <https://doi.org/10.1080/10428194.2021.1971222>

Ghebrial M, Aktary ML, Wang Q, Spinelli JJ, Shack L, **Robson PJ** and Kopciuk KA. 2021. Predictors of CRC Stage at Diagnosis among Male and Female Adults Participating in a Prospective Cohort Study: Findings from Alberta's Tomorrow Project. *Current Oncology*, 28(6), 4938–4952. [10.3390/curroncol28060414](https://doi.org/10.3390/curroncol28060414)

Kirkland SW, Garrido Clua M, Kruhlak M, Villa-Roel C, Couperthwaite S, Yang EH, Elwi A, **O'Neill B**, Duggan S, Brisebois A and Rowe BH. 2021. Comparison of characteristics and management of emergency department presentations between patients with met and unmet palliative care needs. *PloS one*, 16(9) e0257501. <https://doi.org/10.1371/journal.pone.0257501>

Kirkland SW, Yang E, Garrido Clua M, Kruhlak M, Villa-Roel C, Elwi A, **O'Neill B**, Duggan S, Brisebois A, Stewart D, Rowe BH. 2021. A comparison of the management of patients with advanced cancer vs. other end-stage conditions in two Canadian emergency departments. *Can J Emerg Med*, 23(S1): S40.

Krebs L, Hill N, Kirkland SW, Villa-Roel C, Elwi A, **O'Neill B**, Duggan S, Brisebois A and Rowe BH. 2021. Tough medicine: experiences of clinicians providing palliative care in the emergency department. *Can J Emerg Med*, 23(S1): S62.

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CARDIOVASCULAR HEALTH AND STROKE

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CRITICAL CARE

SD: Sean Bagshaw (UA) | ASD: Samantha Bowker (UA) | SPD: Nancy Fraser; Sherri Kashuba | SMD: Dan Zuege (UC) | ED: Selvi Sinnadurai | MGR: Jeanna Morrissey

2022

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DIABETES, OBESITY AND NUTRITION

SD: Sonia Butalia (UC) (to 12/2021) | ASD: Naomi Popeski (UC) (to 11/2021); Rosmin Esmail (current) | SPD: Petra O'Connell (to 12/2021); Balraj Mann (current) | SMD: Peter Sargious (UC) | ED: Lene Jorgensen | MGR: Catherine Joseph, Jorin Church (interim) | CPL: Leta Philp | SA: Kathy Dmytruk (SL)

2022

Capicio M, Panesar S, Keller H, Gramlich L, **Popeski N**, Basualdo-Hammond C, Atkins M, Chan CB. Nutrition Risk, Resilience and Effects of a Brief Education Intervention among Community-Dwelling Older Adults during the COVID-19 Pandemic in Alberta, Canada. *Nutrients*. 2022; 14(5):1110. <https://doi.org/10.3390/nu14051110>.

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DIGESTIVE HEALTH

SD: Steven Heitman (UC) | ASD: Susan Jelinski (UA, UC) | SPD: Louise Morrin | SMD: Sander Veldhuyzen van Zanten (UA) | ED: Leanne Reeb | MGR: Malanie Greenaway

2022

Dahiya M, Olayinka L, Kaplan GG, **Reeb L**, Ma C, Panaccione R, Kroeker KI. 2022. The Impact of the COVID-19 Pandemic on IBD Care in Alberta: Patient and Provider Perspectives, *Journal of the Canadian Association of Gastroenterology*, <https://doi.org/10.1093/jcag/gwab042>

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[* Co-senior authorship]

2021

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EMERGENCY

SD: Eddy Lang (UC) | ASD: Patrick McLane (UA) | SPD: Sherri Kashuba | SMD: Brian Holroyd (UA) | ED: Marlene Wheaton-Chaston | MGR: Andrew Fisher

2022

Stone K, Scott K, **Holroyd B**, **Lang E**, Yee K, Deol J, Dong K, Fanaeian J, Ghosh SM, Low K, Ross M, Tanguay R, Faris P, **McLane P**. (2021). A multisite quantitative evaluation of buprenorphine/naloxone as an intervention in Alberta emergency departments for patients living with opioid use disorder. *Academic Emergency Medicine*. ◀ Submitted

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MATERNAL, NEWBORN, CHILD & YOUTH

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MEDICINE

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NEUROSCIENCES, REHABILITATION & VISION

SD: Elisavet Papathanassoglou (UA) | ASD: Kiran Pohar Manhas | SPD: Petra O'Connell (to 12/2021) | SMD: Chester Ho (UA)

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SURGERY

SD: Mary Brindle (UC), Rachel Khadaroo (interim) | ASD: Sanjay Beesoon (UA) | SPD: Jill Robert | SMD: Jonathan White (UA) (SABBATICAL), Paul Petrusek (interim), Mary Brindle (interim) | ED: Tim Baron | MGR: Lesley Barker | RES SCI: Tara Klassen

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Provincial Programs



INDIGENOUS WELLNESS CORE

IWC – SD: Melissa Potestio (UC) (former, to 06/2021), Richard Oster (UA) (current) | PRG LEAD, INNOVATION & RESEARCH: Kienan Williams (UC) | SPO: Val Austen-Wiebe | SMD: Esther Tailfeathers (UA)

2022

Beeson S, Bakal JA, Youngson E, **Williams K**, Berzins SA, Brindle ME, Joffe AM. 2022. Excess Deaths During the COVID-19 Pandemic in Alberta, Canada. *International Journal of Infectious Diseases*, 116(supplement):S23.

Bowker S, **Williams K**, Wingert A, Boyd J, **Potestio ML**, Gates M, Wright E, Bagshaw S. 2022. Incidence and outcomes of critical illness in Indigenous Peoples: a systematic review protocol. *Systematic Reviews*. 11. 10.1186/s13643-022-01948-x. ◀ Accepted / in press

Bruno G, Bell RC, Parlee B, Lightning P, Bull I, Cutknife B, **Oster RT**. 2022. Mâmwihitowin (Bringing the Camps Together): Health Care Provider and Staff Participation in Indigenous-Led Experiential Learning Activities for Enhancing Culturally Informed Perinatal Health Care – A Mixed Methods Study. *International Journal for Equity in Health*. ◀ Submitted

Dunn K, **Oster RT**, **Williams K**, Egan CE, Letendre A, Crowshoe H, **Potestio ML**, Lee SS. 2022. Addressing inequities in access to care among Indigenous peoples with chronic hepatitis C in Alberta, Canada. *The Lancet Gastroenterology & Hepatology*. ◀ Accepted / in press

Dunn K, **Williams K**, Egan CE, **Potestio ML**, Lee SS. 2022. ECHO+: Improving access to hepatitis C care within Indigenous communities in Alberta, Canada. Canadian Liver Journal. ◀ Accepted / in press

Olstad DL, Beall R, Spackman E, Dunn S, Lipscombe LL, **Williams K**, **Oster RT**, Scott S, Zimmermann GL, McBrien KA, Steer K, Chan C, Tyminski S, Berkowitz S, Edwards A, Saunders-Smith T, Tariq S, Popeski N, White L, Campbell D. 2022. Healthy food prescription incentive programme for adults with type 2 diabetes who are experiencing food insecurity: protocol for a randomised controlled trial, modelling and implementation studies. BMJ Open, 12:e050006. 10.1136/bmjopen-2021-050006.

Oster RT, Lightning P. 2022. Commentary: Developing relationships through trust in Indigenous health research. Healthcare Policy. ◀ Accepted / in press

2021

Dunn S, Olstad D, Beall R, Spackman E, Lipscombe L, **Williams K**, **Oster RT**, Scott S, Zimmermann G, McBrien K, Steer K, Chan C, Tyminski S, Berkowitz S, Edwards A, Saunders-Smith T, Tariq S, Popeski N, White L, Campbell D. 2021. A subsidized healthy food prescription program for adults with type 2 diabetes who are experiencing food insecurity: Protocol for a randomized controlled trial. Current Developments in Nutrition, 5:1272-1272. 10.1093/cdn/nzab057_002.



PRIMARY HEALTH CARE INTEGRATION NETWORK

SD: Judy Seidel (UC) | ASD: Ceara Cunningham (UC) / Robin Walker (UC) | SPD/SPO: Rob Skrypnek | SMD: Linda Slocombe (UC) | AMD: John Hagens (UC) | ED: Mona Delisle | MGR: Soraya Haynes

2022

Olstad D, Beall R, Spackman E, Dunn S, Lipscombe L, Williams K, Oster R, Scott S, Zimmermann G, McBrien K, Steer K, Chan C, Tyminski S, Berkowitz S, Edwards A, Saunders-Smith T, Tariq S, Popeski N, White L, Williamson T, L'Abbe M, Raine K, Nejatnamini S, Naser, Basualdo-Hammond C, Norris C, O'Connell P, **Seidel J**, Cabaj J, Campbell D. 2022. Healthy food prescription incentive programme for adults with type 2 diabetes who are experiencing food insecurity: Protocol for a randomised controlled trial, modelling and implementation studies. BMJ Open, 12: e050006. doi:10.1136/bmjopen-2021-050006.

2021

Jani M, Girard N, Bates DW, Buckeridge DL, Sheppard T, Li J, Iqbal U, Vik S, Weaver C, **Seidel J**, Dixon WG, Tamblyn R. 2021. Opioid prescribing among new users for non-cancer pain in USA, Canada, UK and Taiwan: A population-based cohort study. PLoS Medicine, 18(11): e1003829. <https://doi.org/10.1371/journal.pmed>.

Leslie M, Fadaak R, Pinto N, Davies J, Green L, **Seidel J**, Conly J, Forest PG. 2021. Achieving resilience in primary care during the COVID-19 pandemic: Competing visions and lessons from Alberta, Canada. *Healthcare Policy*, 17(2): 54-71. doi:10.12927/hcpol.2021.26657.

Leslie M, Fadaak R, Pinto N, Davies J, Green L, **Seidel J**, Conly J, Forest PG. 2021. A 'shock test' to primary care integration: COVID-19 lessons from Alberta, Canada. *Healthcare Policy*, 17(2): 38-53. doi:10.12927/hcpol.2021.26658.

Liu X, **Seidel J**, McDonald T, Waters N, Patel A, Bertazzon S, Shahid R, Marshall DA, Rural-urban disparities in realized access to general practitioners, orthopedic surgeons, and physiotherapists among people with osteoarthritis. Submitted to *Applied Geography*, October 2021. ◀ Submitted

Liu X, **Seidel J**, McDonald T, Waters N, Patel A, Bertazzon S, Shahid R, Marshall D. Rural-urban disparities in realized access to general practitioners, orthopedic surgeons, and physiotherapists among people with osteoarthritis. Submitted to *IJERPH*, September 2021. ◀ Submitted

Vik S, **Seidel J**, Smith C, Marshall D. Breaking the 80:20 rule in health research using large administrative data sets. Submitted to *Health Informatics Journal*, November 2021. ◀ Submitted

Walker R, Chowdhury M, Lueng A, Sikdar A, O'Beirne M. Prediction of hypertension incidence - are machine learning algorithms superior to traditional regression modelling? Submitted to *CMAJ Open*, September 2021. ◀ Submitted

Walker R, Feng Y, Lueng A, Lu X, Liange Z, Quan H. Personalized prediction of Incident hospitalization for cardiovascular disease in patients with hypertension using machine learning. Submitted to *CMAJ Open*, September 2021. ◀ Submitted

Walker RL, Hastings S, Cook C, **Cunningham CT**, Cook L, Cullum J, **Seidel J**, **Hagens J**, Oddie S. 2021. Integrating care from home to hospital to home: Using participatory design to develop a provincial transitions in care guideline. *International Journal of Integrated Care*. <http://doi.org/10.5334/ijic.5674>. ◀ Accepted / in press



PROVINCIAL ADDICTION AND MENTAL HEALTH

SD: Frank MacMaster (UC) | ASD: Katherine (Kay) Rittenbach (UA, UC) | SPO: Kerry Bales | SMD: Nick Mitchell (UA)

2022

Dang TT, Patel K, Farhat K, Abaraldes J, Ma M, Bailey RJ, Burak K, **Mitchell N**, Tandon P. 2022. Anxiety in cirrhosis: a prospective study on prevalence and development of a practical screening nomogram. *Eur J Gastroenterol Hepatol*, 1;34(5):553-559. doi: 10.1097/MEG.0000000000002301.

Deschamps J, Gilbertson J, Straube S, Dong K, **MacMaster FP**, Korownyk C, Montgomery L, Mahaffey R, Downar J, Clarke H, Muscedere J, **Rittenbach K**, Featherstone R, Sebastianski M, Vandermeer B, Lynam D, Magnussen R, Bagshaw SM, Rewa OG. 2021. Association between supportive interventions and healthcare utilization and outcomes

in patients on long-term prescribed opioid therapy presenting to acute healthcare settings: a systematic review and meta-analysis. *BMC Emerg Med*, 21(1):17.

Eboeime E, Shalaby R, Mao W, Owusu E, Vuong W, Surood S, **Bales K, MacMaster FP**, McNeil D, **Rittenbach K**, Ohinmaa A, Bremault-Phillips S, Hilario C, Greiner R, Knox M, Chafe J, Coulombe J, Xin-Min L, McLean C, Rathwell R, Snaterse M, Spurvey P, Taylor VH, McLean S, Urichuk L, Tzeggai B, McCabe C, Grauwiler D, Jordan S, Brown E, Fors L, Savard T, Grunau M, Kelton F, Stauffer S, Cao B, Chue P, Abba-Aji A, Silverstone P, Nwachukwu I, Greenshaw A, Agyapong VIO. 2022. Reducing readmission rates for individuals discharged from acute psychiatric care in Alberta using peer and text message support: Protocol for an innovative supportive program. *BMC Health Serv Res*. 12;22(1):332. doi: 10.1186/s12913-022-07510-8.

Ghuman A, McEwen A, Tran KH, **Mitchell N**, Hanstock C, Seres P, Jhangri G, Burgess D, Baker G, Melleo JL. 2022. Prospective investigation of glutamate levels and percentage gray matter in the medial prefrontal cortex in females at risk for postpartum depression. *Curr Neuropharmacol*. doi: 10.2174/1570159X20666220302101115.

Griffiths RC, Smith FR, Long JE, Scott D, Williams HEL, Oldham NJ, Layfield R, **Mitchell NJ**. 2022. Site-Selective Installation of N ϵ -Modified Sidechains into Peptide and Protein Scaffolds via Visible-Light-Mediated Desulfurative C-C Bond Formation. *Angew Chem Int Ed Engl.*,10;61(2):e202110223. doi: 10.1002/anie.202110223.

Kong XZ; ENIGMA Laterality Working Group, **Francks C**. 2022. Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. *Hum Brain Mapp*, 43(1):244-254.

Major D, **Rittenbach K, MacMaster F**, Walia H, VandenBerg SD. 2021. Exploring the experience of boarded psychiatric patients in adult emergency departments. *BMC Psychiatry*, 27;21(1):473. doi: 10.1186/s12888-021-03446-1.

McLane P, Barnabe C, Mackey L, Bill L, **Rittenbach K**, Holroyd BR, Bird A, Healy B, Janvier K, Louis E, Rosychuk RJ. 2022. First Nations status and emergency department triage scores in Alberta: a retrospective cohort study. *CMAJ*. 17;194(2):E37-E45.

Milaney K, Haines-Saah R, Farkas B, Egunbola O, Mastikhina L, Brown S, Lorenzetti DL, Hansen B, McBrien K, **Rittenbach K**, Hill L, O'Gorman C, Doig C, Cabaj J, Stokvis C, Clement F. 2022. *A scoping review of opioid harm reduction interventions designed for equity-deserving populations* *Lancet Public Health* 12. doi:10.1016/j.lana.2022.100271.

Patel Y, Shin J, Abé C, Agartz I, Alloza C, Alnæs D, Ambrogi S, Antonucci LA, Arango C, Arolt V, Auzias G, Ayasa-Arriola R, Banaj N, Banaschewski T, Bandeira C, Başgöze Z, Cupertino RB, Bau CHD, Bauer J, Baumeister S, Bernardoni F, Bertolino A, Bonnini CDM, Brandeis D, Brem S, Bruggemann J, Bülow R, Bustillo JR, Calderoni S, Calvo R, Canales-Rodríguez EJ, Cannon DM, Carmona S, Carr VJ, Catts SV, Chenji S, Chew QH, Coghill D, Connolly CG, Conzelmann A, Craven AR, Crespo-Facorro B, Cullen K, Dahl A, Dannlowski U, Davey CG, Deruelle C, Díaz-Caneja CM, Dohm K, Ehrlich S, Epstein J, Erwin-Grabner T, Eyster LT, Fedor J, Fitzgerald J, Foran W, Ford JM, Fortea L, Fuentes-Claramonte P, Fullerton J, Furlong L, Gallagher L, Gao B, Gao S, Goikolea JM, Gotlib I, Goya-Maldonado R, Grabe HJ, Green M, Grevet EH, Groenewold NA, Grotegerd D, Gruber O, Haavik J, Hahn T, Harrison BJ, Heindel W, Henskens F, Heslenfeld DJ, Hilland E, Hoekstra PJ, Hohmann S, Holz N, Howells FM, Ipser JC, Jahanshad N, Jakobi B, Jansen A, Janssen J, Jonassen R, Kaiser A, Kaleda V, Karantoni J, King JA, Kircher T, Kochunov P, Koopowitz SM, Landén M, Landrø NI, Lawrie S, Lebedeva I, Luna B, Lundervold AJ, **MacMaster FP**, Maglanoc LA, Mathalon DH, McDonald C, McIntosh A, Meinert S, Michie PT, Mitchell P, Moreno-Alcázar A, Mowry B, Muratori F, Nabulsi L,

Nenadić I, O’Gorman Tuura R, Oosterlaan J, Overs B, Pantelis C, Parellada M, Pariente JC, Pauli P, Pergola G, Piarulli FM, Picon F, Piras F, Pomarol-Clotet E, Pretus C, Quidé Y, Radua J, Ramos-Quiroga JA, Rasser PE, Reif A, Retico A, Roberts G, Rossell S, Rovaris DL, Rubia K, Sacchet M, Salavert J, Salvador R, Sarró S, Sawa A, Schall U, Scott R, Selvaggi P, Silk T, Sim K, Skoch A, Spalletta G, Spaniel F, Stein DJ, Steinsträter O, Stolicyn A, Takayanagi Y, Tamm L, Tavares M, Teumer A, Thiel K, Thomopoulos SI, Tomecek D, Tomyshev AS, Tordesillas-Gutiérrez D, Tosetti M, Uhlmann A, Van Rheenen T, Vazquez-Bourgón J, Vernooij MW, Vieta E, Vilarroya O, Weickert C, Weickert T, Westlye LT, Whalley H, Willinger D, Winter A, Wittfeld K, Yang TT, Yoncheva Y, Zijlmans JL, Hoogman M, Franke B, van Rooij D, Buitelaar J, Ching CRK, Andreassen OA, Pozzi E, Veltman D, Schmaal L, van Erp TGM, Turner J, Castellanos FX, Pausova Z, Thompson P, Paus T. 2022. Virtual Ontogeny of Cortical Growth Preceding Mental Illness. *Biol Psychiatry*. 4:S0006-3223(22)01067-8. doi: 10.1016/j.biopsych.2022.02.959.

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Barlow KM, Kirk V, Brooks B, Esser MJ, Yeates KO, Zemek R, Kirton A, Mikrogianakis A, **MacMaster F**, Nettel-Aguirre A, Hutchison J, Turley B, Cameron C, Hill M, Boyd R, Dewey D. *J Neurotrauma*. 2021. Efficacy of Melatonin for Sleep Disturbance in Children with Persistent Post-Concussion Symptoms: Secondary Analysis of a Randomized Controlled Trial, 15;38(8):950-959. doi: 10.1089/neu.2020.7154.

Belleville G, Ouellet MC, Lebel J, Ghosh S, Morin CM, Bouchard S, Guay S, Bergeron N, Campbell T, **MacMaster FP**. 2021. Psychological Symptoms Among Evacuees From the 2016 Fort McMurray Wildfires: A Population-Based Survey One Year Later. *Front Public Health*, 4;9:655357. doi: 10.1089/neu.2020.7154.

Binet É, Ouellet MC, Lebel J, Békés V, Morin CM, Bergeron N, Campbell T, Ghosh S, Bouchard S, Guay S, **MacMaster FP**, Belleville G. 2021. A Portrait of Mental Health Services Utilization and Perceived Barriers to Care in Men and Women Evacuated During the 2016 Fort McMurray Wildfires. *Adm Policy Ment Health*, 48(6):1006-1018. doi: 10.1007/s10488-021-01114-w.

Bristowe SK, Ghosh SM, Trew M; Canadian Mental Health Association - Calgary Region, **Rittenbach K**. 2021. Virtual Overdose Response for People Who Use Opioids Alone: Protocol for a Feasibility and Clinical Trial Study. *JMIR Res Protocm*, 12;10(5):e20183. doi: 10.2196/20183.

Campos AI, Thompson PM, Veltman DJ, Pozzi E, van Veltzen LS, Jahanshad N, Adams MJ, Baune BT, Berger K, Brosch K, Bülow R, Connolly CG, Dannlowski U, Davey CG, de Zubicaray GI, Dima D, Erwin-Grabner T, Evans JW, Fu CHY, Gotlib IH, Goya-Maldonado R, Grabe HJ, Grotegerd D, Harris MA, Harrison BJ, Hatton SN, Hermesdorf M, Hickie IB, Ho TC, Kircher T, Krug A, Lagopoulos J, Lemke H, McMahon K, **MacMaster FP**, Martin NG, McIntosh AM, Medland SE, Meinert S, Meller T, Nenadic I, Opel N, Redlich R, Reneman L, Reppele J, Sacchet MD, Schmitt S, Schrantee A, Sim K, Singh A, Stein F, Strike LT, van der Wee NJA, van der Werff SJA, Völzke H, Waltemate L, Whalley HC, Wittfeld K, Wright MJ, Yang TT, Zarate CA, Schmaal L, Rentería ME; ENIGMA-MDD Working Group. 2021. Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. *Biol Psychiatry*, 90(4):243-252. doi: 10.1016/j.biopsych.2021.03.015.

Chenji S, Cox E, Jaworska N, Swansburg RM, **MacMaster FP**. 2021. Body Mass Index and Variability in Hippocampal Volume in Youth with Major Depressive Disorder. *Journal of Affective Disorders*, 282: 415-425.

Chenji S, Stone KD, **MacMaster FP**. 2021. Non-Invasive Brain Stimulation for the Treatment of Tourette’s Syndrome. *International Review of Movement Disorders*. (In Press).

Dores AK, Fick GH, **MacMaster FP**, Williams JVA, Bulloch AGM, Patten SB. 2021. Outdoor Air Pollution and Depression in Canada: A Population-Based Cross-Sectional Study from 2011 To 2016. *International Journal of Environmental Research and Public Health*, 18(5):2450.

Ferguson M, Medley A, **Rittenbach K**, Brothers TD, Strike C, Ng J, Leece P, Elton-Marshall T, Ali F, Lorenzetti D, Buxton JA. (accepted) *Priority setting for Canadian take-home naloxone best practice guideline development. An adapted online Delphi method.* Harm Reduction Journal Date? ◀ Accepted / in press

Fletcher J, Dimitropoulos G, Martino D, Wilcox G, **MacMaster F**, Arnold P, Pringsheim T. 2021. Developing a provincial patient support network for children and families affected by Tourette syndrome and/or obsessive-compulsive disorder: results of a stakeholder consultation. *Child Adolesc Psychiatry Ment Health*, 16;15(1):29. doi: 10.1186/s13034-021-00383-5.

Gill S, Wang M, Mouches P, Rajashekar D, Sajobi T, **MacMaster FP**, Smith EE, Forkert ND, Ismail Z. 2021. Alzheimer's Disease Neuroimaging Initiative. Neural correlates of the impulse dyscontrol domain of mild behavioral impairment. *Int J Geriatr Psychiatry*, 36(9):1398-1406. doi: 10.1002/gps.5540

Hai T, Swansburg R, **MacMaster FP**, JF LeMay. 2021. Impact of COVID-19 on Educational Services in Canadian Children with Attention-Deficit/Hyperactivity Disorder. *Frontiers in Education* 6, 10.3389/educ.2021.614181.

Han LKM, Dinga R, Hahn T, Ching CRK, Eyer LT, Aftanas L, Aghajani M, Aleman A, Baune BT, Berger K, Brak I, Filho GB, Carballedo A, Connolly CG, Couvy-Duchesne B, Cullen KR, Dannowski U, Davey CG, Dima D, Duran FLS, Enneking V, Filimonova E, Frenzel S, Frodl T, Fu CHY, Godlewska BR, Gotlib IH, Grabe HJ, Groenewold NA, Grotegerd D, Gruber O, Hall GB, Harrison BJ, Hatton SN, Hermesdorf M, Hickie IB, Ho TC, Hosten N, Jansen A, Kähler C, Kircher T, Klimes-Dougan B, Krämer B, Krug A, Lagopoulos J, Leenings R, **MacMaster FP**, MacQueen G, McIntosh A, McLellan Q, McMahon KL, Medland SE, Mueller BA, Mwangi B, Osipov E, Portella MJ, Pozzi E, Reneman L, Repple J, Rosa PGP, Sacchet MD, Sämann PG, Schnell K, Schranke A, Simulionyte E, Soares JC, Sommer J, Stein DJ, Steinsträter O, Strike LT, Thomopoulos SI, van Tol MJ, Veer IM, Vermeiren RRJM, Walter H, van der Wee NJA, van der Werff SJA, Whalley H, Winter NR, Wittfeld K, Wright MJ, Wu MJ, Völzke H, Yang TT, Zannias V, de Zubicaray GI, Zunta-Soares GB, Abé C, Alda M, Andreassen OA, Bøen E, Bonnin CM, Canales-Rodriguez EJ, Cannon D, Caseras X, Chaim-Avancini TM, Elvsåshagen T, Favre P, Foley SF, Fullerton JM, Goikolea JM, Haarman BCM, Hajek T, Henry C, Houenou J, Howells FM, Ingvar M, Kuplicki R, Lafer B, Landén M, Machado-Vieira R, Malt UF, McDonald C, Mitchell PB, Nabulsi L, Otaduy MCG, Overs BJ, Polosan M, Pomarol-Clotet E, Radua J, Rive MM, Roberts G, Ruhe HG, Salvador R, Sarró S, Satterthwaite TD, Savitz J, Schene AH, Schofield PR, Serpa MH, Sim K, Soeiro-de-Souza MG, Sutherland AN, Temmingh HS, Timmons GM, Uhlmann A, Vieta E, Wolf DH, Zanetti MV, Jahanshad N, Thompson PM, Veltman DJ, Penninx BWJH, Marquand AF, Cole JH, Schmaal L. ENIGMA-MDD Working Group. 2021. *Mol Psychiatry*. Sep;26(9):5124-5139. doi: 10.1038/s41380-020-0754-0.

Henriques BC, Buchner A, Hu X, Wang Y, Yavorsky V, Wallace K, Dong R, Martens K, Carr MS, Asl BB, Hague J, Sivapalan S, Maier W, Dernovsek MZ, Henigsberg N, Hauser J, Souery D, Cattaneo A, Mors O, Rietschel M, Pfeffer G, Hume S, Aitchison KJ. 2021. Methodology for clinical genotyping of CYP2D6 and CYP2C19. *Transl Psychiatry*. 11(1):596. ◀ SCN financial support

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Kahl CK, Kirton A, Pringsheim T, Croarkin PE, Zewdie E, Swansburg R, Wrightson J, Langevin LM, **Macmaster FP**. 2021. Bilateral transcranial magnetic stimulation of the supplementary motor area in children with Tourette syndrome, 63(7):808-815.

Kahl CK, Swansburg R, Kirton A, Pringsheim T, Wilcox G, Zewdie E, Harris A, Croarkin PE, Nettel-Aguirre A, Chenji S, **MacMaster FP**. 2021. Targeted Interventions in Tourette's using Advanced Neuroimaging and Stimulation (TITANS): study protocol for a double-blind, randomised controlled trial of transcranial magnetic stimulation (TMS) to the supplementary motor area in children with Tourette's syndrome, 24;11(12):e053156. doi: 10.1111/dmcn.14828.

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Major D, **Rittenbach K**, **MacMaster F**, Walia H, Van den Berg SD. 2021. Exploring the experiences of boarded psychiatric patients in adult emergency departments. *BMC Psychiatry*. 21(1):473. ◀ [SCN financial support](#)

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PPPH – SD: Melissa Potestio (UC) (former, to 06/2021) / Gary Teare (UC) (current) | SPO: Peter Mackinnon | SMD/SMOH: Laura McDougall

Note: All publications listed here were authored by Provincial Program leaders and/or scientists who work within the Provincial Program and engage in scientific research, knowledge generation and innovation activity that supports the Program.

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PROVINCIAL SENIORS HEALTH & CONTINUING CARE

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Note: Detailed publication list not available for 2021-2022 FY.