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Journal Articles

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- 3. LAWSON JA, **DOSMAN JA**, RENNIE DC, NEWMAN S, BEACH J, SENTHILSELVAN A. 2008. Influence of age and endotoxin source on the relationship between endotoxin exposure and asthma and wheeze in children and adolescents. Presented at the American Thoracic Society International Conference, May 16-21, 2008, Toronto, ON. *Am J Respir Crit Care Med* 177:A187.
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- 42. Karunanayake CP, Rennie DC, Pahwa P, Chen Y, **Dosman JA**, "Relationship between lung function and hypertension among rural Canadians using fractional polynomials" Statistical Society of Canada Annual Meeting, Quebec City, PQ, May 2010.
- 43. Lawson JA, **Dosman JA**, Rennie DC, Schneberger D, Senthilselvan A. The agreement between questionnaire report of environmental tobacco smoke exposure and levels of salivary cotinine. Canadian Respiratory Conference Halifax, NS, April 29-May 1, 2010. Can Respir Journal, 17 (Suppl B) 11B.
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- 58. Gao Z, Dosman JA, Rennie D, Schwartz D, Yang I, Beach J, McDermid H, Senthilselvan A. 2011. Effects of Toll-Like Receptor 4, CD14 and exposure in swine facilities on lung function in atopic and non-atopic persons. Presented at the 10th Conference of the Canadian Rural Health Research Society: "Keeping it Rural: Health, Multiculturalism & the Rural-Urban Interface." Richmond, BC, October 20-21, 2011. Program and Book of Abstracts, 66.
- 59. Pahwa P, Karunanayake C, Hagel L, Lawson J, Rennie D, Kirychuk S, Senthilselvan A, **Dosman J** and the SRHS Research Group. 2011. Lung function measurements in farming and non-farming rural males. Presented at the 10th Conference of the Canadian Rural Health Research Society: "Keeping it Rural: Health, Multiculturalism & the Rural-Urban Interface." Richmond, BC, October 20-21, 2011. *Program and Book of Abstracts*, 43.
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- 112. Marchildon G, Beck C, Episkenew J, **Dosman JA**, Pahwa P, Abonyi S, Katapally T and the First Nations Lung Health Project* Research Team. Provision of Obstructive Sleep Apnea Care in Saskatchewan: Policy Complexities Related to Registered Indian Status. The 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society, October 19-22, 2014, Saskatoon, SK, Canada (Oral Presentation)
- 113. Marchildon G, Beck C, Katapally T, Fenton M and the First Nations Lung Health Project* Research Team. Using multi-level interviewing to explore complex health policy issues: Perspectives of patients, providers, policymakers, and program administrators' on Indigenous health service delivery and obstructive sleep apnea. The 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society, October 19-22, 2014, Saskatoon, SK, Canada (Oral Presentation)
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- 117. Episkenew J, Abonyi S, Dyck R, Janzen B, Karunanayake C, Seeseequasis J, Naytowhow A, **Dosman JA**, Pahwa P, and the First Nations Lung Health Project* Research Team. Consequences of Colonization on Lifestyle Risk Factors. The 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society, October 19-22, 2014, Saskatoon, SK, Canada (Oral Presentation)
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- 119. Ramsden VR, McMullin K, Seeseequasis J, Naytowhow A, Karunanayake C, Abonyi S, Episkenew J, **Dosman J**, Pahwa P and the First Nations Lung Health Project* Research Team. The Green Light Program: A Community Chosen Health Intervention. The 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society, October 19-22, 2014, Saskatoon, SK, Canada (Oral Presentation)
- 120. Katapally T, Cassandra Opikokew, Episkenew J, Karunanayake C, Abonyi S, **Dosman J**, Pahwa P and the First Nations Lung Health Project* Research Team. The Complexity of the Obesity Pandemic: Can Indigenous Approaches Help?. The 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society, October 19-22, 2014, Saskatoon, SK, Canada (Oral Presentation)
- 121. Katapally T, Episkenew J, Karunanayake C, Abonyi S, **Dosman J**, Pahwa P and the First Nations Lung Health Project* Research Team. Working towards a community-based participatory intervention in First Nations: generating evidence to break the chain of association between lack of physical activity, overweight or obese weight status and risk of obstructive sleep apnea. The 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives-Canadian Rural Health Research Society, October 19-22, 2014, Saskatoon, SK, Canada (Oral Presentation)
- 122. Pahwa P, Karunanayake C, Lawson J, Rennie D, McMullin K, Seeseequasis J, Naytowhow A, Hagel L, Abonyi S, Episkenew J, **Dosman JA** and the First Nations Lung Health Project* Research Team. Chronic Bronchitis in First Nations People— Prevalence and Associated Risk Factors. The 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives-Canadian Rural Health Research Society, October 19-22, 2014, Saskatoon, SK, Canada (Oral Presentation)
- 123. Katapally T, Episkenew J, Marchildon G, Karunanayake C, Abonyi S, **Dosman J**, Pahwa P and the First Nations Lung Health Project* Research Team. Integrated Knowledge Translation to De-adopt Ineffective Policies and Practices: A Model to Address and Redress the Obesity-Obstructive Sleep Apnea Nexus in First Nations. The 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society, October 19-22, 2014, Saskatoon, SK, Canada (Oral Presentation)
- 124. Rai M, Gjevre JA, Karunanayake C, **Dosman JA**, Pahwa P, the First Nations Lung Health Project* Research Team and the Saskatchewan Rural Health Study* Team. Comparison of risk factors for daytime sleepiness measured by Epworth Sleepiness score obtained via population surveys and during the sleep lab visit. The 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society, October 19-22, 2014, Saskatoon, SK, Canada (Oral Presentation)
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- 126. Hagel L, Pickett W, Dosman J. A profile of the health, work and injury experiences of women on Saskatchewan farms. Presented at the 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society; Saskatoon (SK); 2014 October.
- 127. Pickett W, King N, Janssen I, Lawson J, Trask C, Hagel L, **Dosman J**. Mechanization of farm work practices and obesity: a study of Saskatchewan farm people. Presented at the 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society; 2014 Oct.
- 128. King N, Pickett W, Hagel L, **Dosman J**. Impact of excessive daytime sleepiness on the safety and health of farm people. Presented at the 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives- Canadian Rural Health Research Society, Saskatoon (SK); 2014 Oct.
- 129. Lawson J, Rennie D, Hagel L, Marlenga B, Afanasieva A, Oluwole O, **Dosman J**, Pickett W. A comparison of data retrieval methods used in studies of rural children. Presented at the 7th International Symposium: Safety & Health in Agricultural & Rural Populations: Global Perspectives-Canadian Rural Health Research Society, Saskatoon (SK); 2014 Oct.
- 130. Ramsden VR, McMullin K, Seeseequasis J, Karunanayake C, Abonyi S, Episkenew J, Pahwa P, **Dosman J**. The Green Light Program: A Community Chosen Health Intervention. The Indigenous Health Conference: Challenging Health Inequities, November 20-21, 2014, Toronto, Ontario, Canada. (Poster presentation)
- 131. Kirychuk S, Rennie D, Karunanayake C, Lawson J, Russell E, Seeseequasis J, Gamble E, Bird D, Naytowhow A, Pahwa P, Abonyi S, Episkenew J, **Dosman J**. Housing Conditions and Respiratory Outcomes in two Saskatchewan First Nations Communities. The Indigenous Health Conference: Challenging Health Inequities, November 20-21, 2014, Toronto, Ontario, Canada. (Poster presentation)
- 132. Marchildon GP, Beck C, Katapally T, Episkenew J, Abonyi S, Pahwa P, Fenton M, **Dosman J**. Provision of Sleep Apnea Care in Saskatchewan: Policy Complexities Related to Registered Indian Status. The Indigenous Health Conference: Challenging Health Inequities, November 20-21, 2014, Toronto, Ontario, Canada. (Oral Presentation)
- 133. Rennie D, Karunanayake C, Lawson JA, **Dosman JA**, McMullin K, Arnault D, Gardipy J, Seeseequasis J, Abonyi S, Episkenew J, Pahwa P. *Damp housing is a risk factor for atopic asthma/wheeze in a First Nations population of children*. ATS International Conference 2015, Denver, Colorado, USA, May 15-20, 2015 (Oral Presentation).
- 134. Lawson JA, Rennie DC, Hagel L, Karunanayake C, Chu L, Pahwa P, **Dosman JA**. Atopic and non-atopic childhood asthma in a rural-dwelling population. ATS International Conference 2015, Denver, Colorado, USA, May 15-20, 2015.

- 135. Balakrishnan L, Rennie D, **Dosman J**, Hagel L, Karunanayake C, Pahwa P, Lawson JA. The Evaluation of Lung Function in Relation to Rural Exposures among Children. ATS International Conference 2015, Denver, Colorado, USA, May 15-20, 2015.
- 136. Katapally T, Episkenew J, Karunanayake C, Abonyi S, **Dosman J**, Pahwa P. Inter-generational transmission of historical trauma: The role of Canada's Indian Residential Schools in the Respiratory Health of Contemporary First Nations. The Canadian Public Health Association conference 2015, May 25-28, 2015, Vancouver, BC, Canada.
- 137. Janzen B, Episkenew J, Abonyi S, Karunanayake C, Gardipy J, Arnault D, **Dosman JA**, Pahwa P, and the First Nations Lung Health Project Research Team. Social and Economic Patterning of Self-Reported Discrimination among on-Reserve First Nations Women and Men in Saskatchewan, Canada. The Canadian Public Health Association conference 2015, May 25-28, 2015, Vancouver, BC, Canada.
- 138. Zahan R, Khan S, Rennie DC, Karunanayake C, **Dosman J**, Episkenew J, Abonyi S, Pahwa P, Seeseequasis J, Arnault D, Gardipy J. Spirometric Reference Equation for Aboriginal Children in Saskatchewan. The Canadian Society for Epidemiology and Biostatistics 2015 -CSEB Conference, Toronto, ON, Canada, June 1-4, 2015.
- 139. John A. Gjevre, Meenu Rai, Chandima Karunanayake, James A. Dosman, Punam Pahwa. Comparison of screening tools used in a sleep laboratory referral population. SLEEP 2015, the 29th Annual Meeting of the Associated Professional Sleep Societies, LLC (APSS), June 6 −10, 2015, Seattle, WA, USA.
- 140. Janzen B, Karunanayake C, Hagel L, Lawson JA, Rennie DC, Pickett W, Senthilselvan A, **Dosman JA**, Pahwa P, for the Saskatchewan Rural Health Study Team. Poster presentation (abstract) at 48th Annual Meeting of the Society for Epidemiologic Research; 2015 Jun 16-19; Denver, Colorado USA.
- 141. Lawson JA, Rennie DC, Karunanayake C, Hagel L, Pahwa P, **Dosman JA.** A longitudinal assessment of asthma and wheeze among rural dwelling children. The International Society for Environmental Epidemiology, Sao Paulo, Brazil, August 30 September 3, 2015.
- 142. McMullin K, Ramsden V, Gardipy J, McCallum L, Karunanayake C, Janzen B, Lawson J, Rennie D, Abonyi S, **Dosman J**, Episkenew JA, Pahwa P. Community Reflections on Addressing Environmental Challenges in Two First Nations. The 14th Conference of the Canadian Rural Health Research Society (CRHRS): *Better Health for Rural Canadians: from Evidence to Practice*. September 20th 22nd, 2015, Edmonton, AB, Canada.
- 143. Karunanayake C, Rennie D, Lawson JA, **Dosman JA**, McMullin K, McCallum L, Gardipy JP, Seeseequasis J, Abonyi S, Episkenew J, Pahwa P, First Nations Lung Health Project Team. Life Style Factors Contributing to Obesity among First Nations Children. The 14th Conference of the Canadian Rural Health Research Society (CRHRS): Better Health for Rural Canadians: from Evidence to Practice. September 20th 22nd, 2015, Edmonton, AB, Canada.

- 144. Kirychuk S, Rennie D, Karunanayake C, Lawson J, Russell E, Seeseequasis J, Petite R, Bird D, Roberts F, Pahwa P, Abonyi S, Episkenew J, **Dosman JA** and the First Nations Lung Health Project Research Team. Addressing Housing and Respiratory Health through Community Engagement in Two Saskatchewan First Nations Communities. The 14th Conference of the Canadian Rural Health Research Society (CRHRS): Better Health for Rural Canadians: from Evidence to Practice. September 20th 22nd, 2015, Edmonton, AB, Canada.
- 145. Pahwa P, Karunanayake C, Hagel L, Rennie D, Elliot V, Lawson J, Janzen B, Kirychuk S, Pickett W, Senthilselvan A, Chen Y, **Dosman JA.** Understanding Respiratory Health Outcomes in Rural Populations: Longitudinal Component of the Saskatchewan Rural Health Study. The 14th Conference of the Canadian Rural Health Research Society (CRHRS): Better Health for Rural Canadians: from Evidence to Practice. September 20th 22nd, 2015, Edmonton, AB, Canada.

- 146. Ramsden VR, Abonyi S, **Dosman JA**, Episkenew J, Gamble L, Gardipy J, Karunanayake C, McCallum-Naytowhow L, McKay S, McMullin K, Nelson J, Pahwa P, Ross F, Seeseequasis J. First Nation Lung Health Program: Community-Chosen Intervention. North American Primary Care Research Group Annual Meeting, Cancun, Mexico, October 24-28, 2015.
- 147. Seeseequasis J, Episkenew J, **Dosman JA**, Abonyi S, Rennie D, Ramsden V, Kirychuk S, Karunanayake C, Pahwa P, for the First Nations Lung Health Project Team. Addressing Inequities in Respiratory Health: A Focus on First Nations Housing. Healing Our Spirit Worldwide (HOSW) 2015, The Seventh Gathering, Hamilton, Aotearoa, New Zealand, November 15-19, 2015.
- 148. Dyck R, Karunanayake C, Janzen B, Lawson J, Rennie D, Ramsden V, Gardipy J, McCallum L, Abonyi S, **Dosman J**, Episkenew J, Pahwa P. Influence of Racism, Residential Schools and Cultural Disruption on Diabetes Prevalence among First Nations Peoples. World Diabetes Congress 2015, Vancouver, BC, Canada, November 30-December 4, 2015.
- 149. John A. Gjevre, Meenu Sharma, **James Dosman**, Chandima Karunanayake, Punam Pahwa. Prevalence of rheumatoid arthritis medication use in the sleep laboratory population and the association with obstructive sleep apnea. Canadian Rheumatology Association 2016 CRA Annual Scientific Meeting, February 17-20, 2016, Lake Louise, Alberta, Canada.
- 150. John A. Gjevre, Meenu Sharma, **James Dosman**, Chandima Karunanayake, Punam Pahwa. Prevalence of neuroactive medication use in the sleep laboratory population and the association with obstructive sleep apnea. Canadian Respiratory Conference 2016, April 14 16, 2016 Halifax, Nova Scotia, Canada.
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- 157. Bonnie Janzen, Chandima Karunanayake, Louise Hagel, Joshua A. Lawson, Donna C. Rennie, William Pickett, Ambikaipakan Senthilselvan, and James A. Dosman, Punam Pahwa, for the Saskatchewan Rural Health Study Team. Mental Health among Rural Dwelling Canadians: Variation by Gender and Farm Residence. Poster presentation at the Society for Epidemiologic Research (SER) 50th Annual Meeting, June 20-23 2017, Seattle, Washington, USA.
- 158. Bonnie Janzen, Chandima Karunanayake, Louise Hagel, Joshua A. Lawson, Donna C. Rennie, William Pickett, Ambikaipakan Senthilselvan, and James A. Dosman, Punam Pahwa, for the Saskatchewan Rural Health Study Team. Gender and Insomnia in a Rural Canadian Population. The Society for Epidemiologic Research (SER) 50th Annual Meeting, June 20-23, 2017 in Seattle, Washington, USA.
- 159. J Luu, S Kirychuk, C Karunanayake, J Lawson, P Pahwa, D Rennie, L Hagel, J Dosman. Access to routine medical care and cardiovascular disease outcomes in rural Canadian population. Canadian Journal of Cardiology 2017; 33 (10): S113-S114. Canadian Cardiovascular Congress 2017: 70th Annual meeting of the Canadian Cardiovascular Society. Oct 21-24, 2017, Vancouver, BC, Canada. https://doi.org/10.1016/j.cjca.2017.07.221
- 160. Spagnuolo C, Pickett W, McIsaac M, Karunanayake C, Pahwa P, Dosman J and the Saskatchewan Rural Health Study Research Team. Access to specialist medical care and diagnosis of obstructive sleep apnea in rural Saskatchewan. Ontario Public Health Association Conference, Toronto, Ontario, Canada. November 8th, 2017.
- 161. James A. Dosman, Chandima P. Karunanayake, William Pickett, Donna C. Rennie, Joshua Lawson, Mark E. Fenton, Frances Chung, Punam Pahwa. Suspected Obstructive Sleep Apnea and Risk of Injuries among Rural Dwellers. American Thoracic Society (ATS) International Conference 2018, San Diego, CA, USA. May 18-23, 2018. American Journal of Respiratory and Critical Care Medicine 2018;197:A3965
- 162. Zahan R, Khan S, Rennie DC, Karunanayake, C, Fenton M, Abonyi S, Seeseequasis J, Arnault, D, Gardipy J, Dosman JA, Pahwa P. Spirometric Reference Equations for Cree First Nations Children and Adolescents Living in Rural Saskatchewan, Canada. Canadian Society for Epidemiology and Biostatistics: 2018 Student Conference, June 15-17, 2018. Lakehead University, Thunder Bay, Ontario.

- 163. Ramsden VR, Rabbitskin N, Kirychuk S, Abonyi S, Dolovich L, Dosman, J, Fenton M, Graham H, Lamarche L, Bighead S, Davis B, Jacobson N, Karunanayake C McKay S, Turner T. In what ways has the Green Light Program improved health and wellness with the community? The Society for Academic Primary Care's Annual Meeting, July 10-12, 2018. London, United Kingdom.
- 164. Sylvia Abonyi, Ulfat Khanam, Chandima Karunanyake, Punam Pahwa. An examination of health determinants and status of older Aboriginal and non-Aboriginal peoples in Canada using national survey data. The 17th International Congress on Circumpolar Health (ICCH 17), August 12-15, 2018. Conpenhagen, Denmark.
- 165. Harlton S, Abonyi S, Pahwa P, Karunanayake C, Dosman J, Seeseequasis J. Chronic bronchitis among seniors in two First Nation communities in Saskatchewan- prevalence and its association with housing conditions. Saskatchewan Epidemiology Association (SEA) 18th Annual Fall Symposium & Workshop, October 3-4th, 2018, Saskatoon, Saskatchewan, Canada.
- 166. Zahan R, Khan S, Rennie DC, Karunanayake, C, Fenton M, Abonyi S, Seeseequasis J, Arnault, D, Gardipy J, Dosman JA, Pahwa P. Spirometric Reference Equations for Cree First Nations Children and Adolescents Living in Rural Saskatchewan, Canada. Chest 2018, the annual meeting of the American College of Chest Physicians (ACCP), October 6-10, 2018 in San Antonio, Texas.
- 167. VR Ramsden, S Kirychuk, N Rabbitskin, S Abonyi, L Dolovich, JA Dosman, M Fenton, H Graham, L Lamarche, S Bighead, B Davis, N Jacobson, C Karunanayake, S McKay, T Turner. Māmawōhkamātowin (Working Together) Enhancing Health & Wellness. North American Primary Care Research Group (NAPCRG) Annual Scientific Meeting, Chicago, Illinois, USA. November 9-13, 2018.
- 168. Ibrahim Watara Abubakari, James Dosman, Chandima Karunanayake, Punam Pahwa. Longitudinal changes of Colorectal cancer prevalence among farm and non-farm rural residents. The 2019 Health Effects Institute Annual Conference, Seattle, Washington, USA, May 5-7, 2019.
- 169. Donna C Rennie, Chandima Karunanayake, Joshua Lawson, Shelley Kirychuk, James Dosman, Sylvia Abonyi, Jeremy Seeseequasis, Punam Pahwa. Damp housing is a risk factor for atopic asthma in First Nation adults. ERS International Congress 2019, Madrid, Spain. 28 September to 2 October, 2019. European Respiratory Journal 2019; 54: Suppl. 63, PA2772. DOI: 10.1183/13993003.congress-2019.PA2772
- 170. Rennie D, Kirychuk S, Thompson B, Dosman J, Pahwa P, Karunanayake C, Anwar N, Eric Russell E. Investigation of the Association between Adult Wheeze and Household β(1→3)-glucans Exposures in First Nations Communities in Canada. The 31st annual conference of the International Society for Environmental Epidemiology (ISEE 2019), 25-28 August, 2019, Utrecht, Netherlands.
- 171. James A. Dosman, Chandima P. Karunanayake, Malcolm King, Sylvia Abonyi, Malcolm King, Vivian R. Ramsden, Donna C. Rennie, Shelley Kirychuk, Niels Koehncke, Mark Fenton, Robert Skomro, John Gjevre, Jeremy Seeseequasis, Bernie Petit, Clifford Bird, Kathleen McMullin, Vivian R. Ramsden, Tom Smith-Windsor, Brooke Russell, Punam Pahwa. Assess, Redress, Re-assess: Addressing Disparities in Sleep Health among First Nations People. The Community Health & Epidemiology 60th AnniversarySymposium, College of Medicine, University of Saskatchewan, Saskatoon, Canada.

- October 26, 2019. Poster presentation.
- 172. James A. Dosman, Mark Fenton, Chandima P. Karunanayake, Malcolm King, Sylvia Abonyi, Vivian R. Ramsden, Donna C. Rennie, Shelley Kirychuk, Niels Koehncke, Robert Skomro, John Gjevre, Jeremy Seeseequasis, Bernie Petit, Clifford Bird, Kathleen McMullin, Tom Smith-Windsor, Brooke Russell, Punam Pahwa. Assess, Redress, Re-assess: Addressing Disparities in Sleep Health among First Nations People. Canadian Respiratory Conference 2020. April 16-18, 2020, Niagara Falls, ON, Canada. 2020 Canadian Respiratory Conference abstracts, Canadian Journal of Respiratory, Critical Care, and Sleep Medicine 2020; 4(S2): 1-33, DOI: 10.1080/24745332.2020.1750227
- 173. Dosman J, Fenton M, Karunanayake C, Seeseequasis J, McMullin K, King M, Abonyi S, V. Ramsden V, Rennie D, Kirychuk S, Koehncke N, Skomro R, Gjevre J, Smith-Windsor T, Russell B, Pahwa P. Evidence of Obstructive Sleep Apnea among First Nations People. The 30th European Respiratory Society International Congress 2020, September 7-9, 2020, Virtual Conference. Poster presentation.
- 174. VR Ramsden, S Kirychuk, C Karunanayake, N Rabbitskin, S Bighead, L Dolovich, JA Dosman, M Fenton, H Graham, L Lamarche, B Davis, N Jacobson, B Thompson, T Turner. It's the House! māmawōhkamātowin (Working Together) to Enhance Wellness. The 48th Annual Meeting of the North American Primary Care Research Group(NAPCRG), virtual, November 20-24, 2020, Leawood, KS (Poster). Abstract PCR074.