

HUMAN DEVELOPMENT RESEARCH REVIEW

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Human Development Research Review: Aims and Scope

HELP's Human Development Research Review (*HELP Reads*) aims to expand awareness of topics in human development, particularly social epigenetics, social determinants of health, socio-emotional learning, Aboriginal children and youth, and family policy. *HELP Reads* connects health academics, advocates, and professionals with online and publicly available research, news, and information. This review focuses on listing articles relevant to human development research activities at HELP. The review accepts and welcomes contributions provided they meet *HELP Reads* standards. This review is not official or peer reviewed. It does not cover all research, news, and information, and HELP is not responsible for the accuracy of the content from media or databases. How to access the items? Click on the link related to each entry and it should take you to the item. Not all links are open access; some are abstract links where paid journal subscription is required. HELP Reads is posted monthly; please see: www.earlylearning.ubc.ca/library/citations.

EDITOR PICKS

Early Childhood Development in Canada: Current State of Knowledge and Future Directions. A Discussion Paper for the Public Health Agency of Canada

Jennifer E Enns, Marni Brownell, Magdalena Janus, Martin Guhn (right), Assistant Professor, Human Early Learning Partnership



“This discussion paper aims to summarize and contextualize the current state of knowledge on early childhood development, based on the comprehensive...”

Transitioning Work of Families: Understanding Trans-institutional Power in Early Childhood Programs and Services.

Kathryn Underwood, Elaine Frankel, Gillian Parekh, Magdalena Janus (right)



“This study examines transitions to school from the standpoint of the work of families.[...] Ultimately, we identify five key phenomena in the study...”

Genetic susceptibility to asthma increases the vulnerability to indoor air pollution.

Michael Kobor, Professor, Human Early Learning Partnership, and co-authors



“PM₁₀ and maternal smoking exposures were associated with reduced lung function, with a higher susceptibility for infants with an adverse genetic predisposition for asthma that also depended on the infant's ancestry.”

Primer on practice shifts required with Canada's act respecting First Nations, Inuit and Métis Children, Youth and Families Act.

Mary Ellen Turpel-Lafond



“On January 1, 2020, new federal legislation comes into effect for all provinces and territories in Canada. It is intended to create a “comprehensive reform of child and family services that are provided in relation to Indigenous children.”

Chief Public Health Officer's Report on the State of Public Health in Canada 2019: Addressing Stigma: Towards a More Inclusive Health System.

Theresa Tam



“This year, my annual report provides a snapshot of key public health trends and shines a light on one of the drivers of health inequities: stigma.”

HUMAN DEVELOPMENT RESEARCH REVIEW

HELP FACULTY and AFFILIATE (selected publications)

1. Enns JE, Brownell M, Janus M, Guhn M. **Early Childhood Development in Canada: Current State of Knowledge and Future Directions. A Discussion Paper for the Public Health Agency of Canada.** Winnipeg, MB: University of Manitoba; 2019. Available from: http://umanitoba.ca/faculties/health_sciences/medicine/units/chs/departamental_units/mchp/projects/meda/Early_Childhood_Development_in_Canada_EN_20200106.pdf.
2. Gagné M, Janus M, Muhajarine N, Gadermann A, Duku E, Milbrath C, et al. **Disentangling the role of income in the academic achievement of migrant children.** Soc Sci Res. 2020;85. Available from: <https://www.sciencedirect.com/science/article/pii/S0049089X18305611>.
3. Hüls A, Vanker A, Gray D, Koen N, MacIsaac JL, Lin DTS, et al. **Genetic susceptibility to asthma increases the vulnerability to indoor air pollution.** Eur Respir J. 2020:1901831. Available from: <https://erj.ersjournals.com/content/erj/early/2020/01/03/13993003.01831-2019.full.pdf>.
4. Underwood K, Frankel E, Parekh G, Janus M. **Transitioning Work of Families: Understanding Trans-institutional Power in Early Childhood Programs and Services.** Exceptionality Education Internationa. 2019;1(29):135-53. Available from: <https://ir.lib.uwo.ca/eei/vol29/iss3/9>.

HELP RESOURCES

EDI Wave 7 Community Profiles: <http://earlylearning.ubc.ca/maps/edi/#commProfiles>.
2019 EDI Provincial Report : <http://earlylearning.ubc.ca/maps/edi/#commProfiles>.
2019 Feb Rapid Literature Search: Social, Cultural Considerations – School Completion (Indigenous Children) (attached)

BIOLOGY/NEUROBIOLOGY (“early experiences”)

1. Flannery JE, Stagaman K, Burns AR, Hickey RJ, Roos LE, Giuliano RJ, et al. **Gut Feelings Begin in Childhood: the Gut Metagenome Correlates with Early Environment, Caregiving, and Behavior.** mBio. 2020;11(1):e02780-19. Available from: <https://mbio.asm.org/content/mbio/11/1/e02780-19.full.pdf>.
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3. Tonmyr L, Lacroix J, Herbert M. **Chapter 10 - The public health issue of ACEs in Canada.** In: Asmundson GJG, Afifi TO, editors. Adverse Childhood Experiences: Academic Press; 2020. p. 185-207. Available from: <http://www.sciencedirect.com/science/article/pii/B9780128160657000100>.

CHILDCARE, ECD SERVICES

1. Tully L. **Engaging fathers in early childhood services.** Australia: Emerging Minds; 2019. Available from: <https://emergingminds.com.au/resources/engaging-fathers-in-early-childhood-services/>.

2. Underwood K, Frankel E, Parekh G, Janus M. **Transitioning Work of Families: Understanding Trans-institutional Power in Early Childhood Programs and Services.** *Exceptionality Education International.* 2019;1(29):135-53. Available from: <https://ir.lib.uwo.ca/eei/vol29/iss3/9>.

CHILD DEVELOPMENT (GENERAL)

1. Bilgin A, Baumann N, Jaekel J, Breeman LD, Bartmann P, Bäuml JG, et al. **Early Crying, Sleeping, and Feeding Problems and Trajectories of Attention Problems From Childhood to Adulthood.** *Child Dev.* 2020;91(1):e77-e91. Available from: <https://srcd.onlinelibrary.wiley.com/doi/abs/10.1111/cdev.13155>.
2. Carson V, Langlois K, Colle R. **Associations between parent and child sedentary behaviour and physical activity in early childhood.** *Health Reports / Statistics Canada, Canadian Centre For Health Information = Rapports Sur La Santé / Statistique Canada, Centre Canadien D'information Sur La Santé.* 2020. Available from: <https://www150.statcan.gc.ca/n1/pub/82-003-x/2020002/article/00001-eng.htm>.
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5. Parrish A-M, Tremblay MS, Carson S, Veldman SLC, Cliff D, Vella S, et al. **Comparing and assessing physical activity guidelines for children and adolescents: a systematic literature review and analysis.** *The International Journal Of Behavioral Nutrition And Physical Activity.* 2020;17(1):16-. Available from: <https://ijbnpa.biomedcentral.com/articles/10.1186/s12966-020-0914-2>.
6. Sandseter EBH, Cordovil R, Hagen TL, Lopes F. **Barriers for outdoor play in early childhood education and care (ecec) institutions: Perception of risk in children's play among European parents and ECEC practitioners.** *Child Care in Practice.* 2019. Available from: <https://www.tandfonline.com/doi/full/10.1080/13575279.2019.1685461>.
7. Schenck-Fontaine A, Lansford JE, Skinner AT, Deater-Deckard K, Di Giunta L, Dodge KA, et al. **Associations Between Perceived Material Deprivation, Parents' Discipline Practices, and Children's Behavior Problems: An International Perspective.** *Child Dev.* 2020;91(1):307-26. Available from: <https://srcd.onlinelibrary.wiley.com/doi/abs/10.1111/cdev.13151>.
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Literacy

1. Grøver V, Rydland V, Gustafsson J-E, Snow CE. **Shared Book Reading in Preschool Supports Bilingual Children's Second-Language Learning: A Cluster-Randomized Trial.** *Child Dev.* 2020. Available from: <https://srcd.onlinelibrary.wiley.com/doi/abs/10.1111/cdev.13348>.
2. Margolis AE, Banker S, Pagliaccio D, De Water E, Curtin P, Bonilla A, et al. **Functional connectivity of the reading network is associated with prenatal polybrominated diphenyl ether concentrations in a community sample of 5 year-old children: A preliminary study.** *Environ Int.* 2020;134:105212. Available from: <http://www.sciencedirect.com/science/article/pii/S0160412019309407>.
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INDIGENOUS

1. Auger MD. **'We need to not be footnotes anymore': understanding Métis people's experiences with mental health and wellness in British Columbia, Canada.** *Public Health.* 2019;176:92-7. Available from: <http://www.sciencedirect.com/science/article/pii/S0033350618303755>.
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3. Barnes R, Josefowitz N. **Indian residential schools in Canada: Persistent impacts on Aboriginal students' psychological development and functioning.** *Canadian Psychology/Psychologie Canadienne.* 2019;60(2):65. Available from: <https://psycnet.apa.org/doi/10.1037/cap0000154>.
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12. Guenther J, Lowe K, Burgess C, Vass G, Moodie N. **Factors contributing to educational outcomes for First Nations students from remote communities: A systematic review.** Australian Educational Researcher (Springer Science & Business Media BV). 2019;46(2):319-40. Available from: <https://link.springer.com/article/10.1007/s13384-019-00308-4>.
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16. Larcombe L, Coar L, Singer M, Denechezhe L, Yassie E, Powderhorn T, et al. **Sekuwe (My House): building health equity through Dene First Nations housing designs.** Int J Circumpolar Health. 2020;79(1):1717278. Available from: <https://doi.org/10.1080/22423982.2020.1717278>.
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21. Miss B, Rose D. [2.1] A Current and On-Going Affair: An Analysis and Critical History on the Effects of Residential Schools on the Indigenous Peoples of Canada. 2019. Available from: <https://digitalcommons.library.tru.ca/phpconf/2019/saturday/17/>.
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Available from: <http://www.oecd.org/publications/linking-indigenous-communities-with-regional-development-in-canada-fa0f60c6-en.htm>.

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27. Wilk P, Maltby A, Cooke M, Forsyth J. **The effect of parental residential school attendance and parental involvement on Indigenous youth’s participation in sport and physical activity during school**. *International Journal of Indigenous Health*. 2019;14(2). Available from: <https://jps.library.utoronto.ca/index.php/ijih/article/view/31929>.
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MIDDLE YEARS

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3. Jing J. **Youth Mental Wellness Survey Report (August 2019)**. Hamilton, ON: Youth Mental Health Canada; 2019 Aug. Available from: <https://ymhc.ngo/research/research-reports/>.
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PARTNERSHIPS, HUBS, INTEGRATED CENTRES/SERVICES

POLICY, PRACTICE, INTERVENTIONS

1. Alberta Social Planning Council, Public Interest Alberta, Alberta College of Social Workers. **Invest in Families: Ending Child Poverty is Good for All**. Edmonton, AB: Alberta Social Planning Council; Public Interest Alberta; Alberta College of Social Workers,; 2020. Available from: https://campaign2000.ca/wp-content/uploads/2020/01/ESPC_ChildPovertyReport2020_Web.pdf.
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SCREENING (tools, methods, school readiness, etc)

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SOCIAL DETERMINANTS

1. Fafard St-Germain A-A, Tarasuk V. **Homeownership status and risk of food insecurity: examining the role of housing debt, housing expenditure and housing asset using a cross-sectional population-based survey of Canadian households**. International Journal for Equity in Health. 2020;19(1):1-12. Available from: <https://dx.doi.org/10.1186%2Fs12939-019-1114-z>.
2. Gagné M, Janus M, Muhajarine N, Gadermann A, Duku E, Milbrath C, et al. **Disentangling the role of income in the academic achievement of migrant children**. Soc Sci Res. 2020;85:N.PAG-N.PAG. Available from: <https://www.sciencedirect.com/science/article/pii/S0049089X18305611>.
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7. Secretary-General. **Adequate housing as a component of the right to an adequate standard of living, and the right to non-discrimination in this context.** New York, NY: United Nations General Assembly; 2019 Jul. Available from: <https://undocs.org/en/a/74/183>.

SOCIOEMOTIONAL

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Michele Wiens, Senior Manager
(Knowledge Management)
Email michele.wiens@ubc.ca

Faculty of Medicine, SPPH
2206 East Mall, UBC
Vancouver, BC V6T 1Z3
Phone 604. 822. 1278
Email earlylearning@ubc.ca
Web www.earlylearning.ubc.ca