

HUMAN DEVELOPMENT RESEARCH REVIEW

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CONTENTS

- [HELP FACULTY and AFFILIATE](#)
- [BIOLOGY/NEUROBIOLOGY \(“early experiences”\)](#)
- [CHILDCARE, ECD SERVICES](#)
- [CHILD DEVELOPMENT \(GENERAL\)](#)
- [INDIGENOUS](#)
- [MIDDLE YEARS](#)
- [PARTNERSHIPS, HUBS, INTEGRATED SERVICES](#)
- [POLICY, PRACTICE, INTERVENTIONS](#)
- [SCREENING](#)
- [SOCIAL DETERMINANTS \(Income, Employment, Housing, Food Security, Inequity, etc\)](#)
- [SOCIOEMOTIONAL](#)
- [MEDIA](#)
- [SPECIAL](#)

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

The impact of caregiving disruptions of previously institutionalized children on multiple outcomes in late childhood.

Alisa Almas, Research Associate, Human Early Learning Partnership

“[Study] Results are discussed in terms of the association between caregiving disruptions and the long-term development of children who have experienced institutional rearing.”



All in your mind: How mindful and meditative practices are gaining mainstream momentum.

Mindfulness in the classroom with Kim Schonert-Reichl (right). 2018 Oct.

HELP Director Kim Schonert-Reichl discusses mindfulness skills: “...the best time to start learning these skills is during the “sweet spot” of brain development, between grades four to seven.”



Exposure to childhood abuse is associated with human sperm DNA methylation.

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

“Child abuse could leave “molecular scars” on its victim – see UBC summary: [https://www.med.ubc.ca/child-abuse-could-leave-molecular-scars-on-its-victims/.](https://www.med.ubc.ca/child-abuse-could-leave-molecular-scars-on-its-victims/)”



A pan-Canadian data resource for monitoring child developmental health: The Canadian Neighbourhoods Early Childhood Development (CanNECD) database.

Magdalena Janus, Associate Professor, Human Early Learning Partnership, and co-authors: Jennifer Enns, Barry Forer, Rob Raos, Ashley Gaskin, Simon Webb, Eric Duku, Marni Brownell, Nazeem Muhajarine, Martin Guhn

“The Canadian Neighbourhoods Early Child Development (CanNECD) database is a unique resource for research on child developmental health and well-being within the socioeconomic and cultural context of Canadian neighbourhoods. This paper describes the CanNECD database and highlights its potential for advancing research at the intersection of child development, social determinants of health, and neighborhood effects.” This is a “HELP-Offord collaboration” with partners, Manitoba Centre for Health Policy and University of Saskatchewan.



EDITOR PICKS

Early emotional and communication functioning predicting the academic trajectories of refugee children in Canada.

Gagne, Monique; Janus, Magdalena; Milbrath, Constance; Gadermann, Anne; Guhn, Martin

“The findings indicate that refugee children are more likely to overcome early communication challenges versus emotional challenges to achieve academically, and this has important implications for early mental health support.”



Learning and interacting in noisy classrooms: what background noise measures and subjective teacher perceptions tell us about the challenges for students who are hard of hearing.

Jamieson, Janet; Poon, Brenda; Zaidman-Zait, Anat

“Overall, these findings suggest that background noise in elementary school classrooms negatively impacts listening, learning, and social interaction for students with hearing loss.”



“I haven’t given up and i’m not gonna”: A phenomenographic exploration of resilience among individuals experiencing homelessness.

Shankar, Sneha; Gogosis, Evie; Palepu, Anita; Gadermann, Anne (right); Hwang, Stephen W.

“The findings suggest resilience is recognizable during adversity, and it is a phenomenon that has the potential to be strengthened.”



Also see: Perceptions of housing and shelter among people with histories of unstable housing in three cities in Canada: A qualitative study

The shape of the socioeconomic gradient: Testing to functional form of the relationship between socioeconomic status and early child development.

Webb, Simon; Janus, Magdalena; Duku, Eric; Forer, Barry; Minh, Anita (right); Brownell, Marni; Muhajarine, Nazeem; Guhn, Martin

“The results demonstrate the importance of examining functional forms when modeling socioeconomic gradients. Assuming linear relationships between SES and health outcomes (early child development, in this case) may distort and bias the true nature of the relationships, thus leading to misinterpretations, especially at the highest and lowest values of SES.”



HUMAN DEVELOPMENT RESEARCH REVIEW

HELP FACULTY and AFFILIATE (selected publications)

1. Almas AN, Papp LJ, Woodbury MR, Nelson CA, Zeanah CH, Fox NA. The impact of caregiving disruptions of previously institutionalized children on multiple outcomes in late childhood. 2018. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1111/cdev.13169>.
2. Bush NR, Edgar RD, Park M, Maclsaac JL, McEwen LM, Adler NE, et al. The biological embedding of early-life socioeconomic status and family adversity in children's genome-wide DNA methylation. 2018;0(0):null. Available from: <https://www.futuremedicine.com/doi/abs/10.2217/epi-2018-0042>.
3. Gagné M, Janus M, Milbrath C, Gadermann A, Guhn M. Early emotional and communication functioning predicting the academic trajectories of refugee children in Canada 2018. Available from: <https://www.tandfonline.com/doi/full/10.1080/01443410.2018.1475627>.
4. Jamieson J, Poon B, Zaidman-Zait A. Learning and interacting in noisy classrooms: what background noise measures and subjective teacher perceptions tell us about the challenges for students who are hard of hearing. *J Acoust Soc Am*. 2018;144:1976-. Available from: <https://asa.scitation.org/doi/10.1121/1.5068631>.
5. Janus M, Enn J, Forer B, Raos R, Gaskin A, Webb S, et al. A pan-Canadian data resource for monitoring child developmental health: The Canadian Neighbourhoods Early Child Development (CanNECD) Database. *International Journal of Population Data Science*. 2018 Sep;3(IJPS Special Issue). Available from: <https://ijpds.org/article/view/431>.
6. Janus M, Zeraatkar D, Duku E, Bennett T. Validation of the Early Development Instrument for children with special health needs 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30302861>.
7. Lancaster G, McCray G, Kariger P, Dua T, Titman A, Chandna J, et al. Creation of the WHO Indicators of Infant and Young Child Development (IYCD): metadata synthesis across 10 countries 2018. Available from: <https://gh.bmj.com/content/3/5/e000747>.
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11. Shankar S, Gogosis E, Palepu A, Gadermann AM, Hwang SW. "I haven't given up and i'm not gonna": A phenomenographic exploration of resilience among individuals experiencing homelessness. *Qual Health Res*. 2018 Sep;1049732318798353. Available from: <http://journals.sagepub.com/doi/abs/10.1177/1049732318798353>.
12. Sylvestre J, Klodawsky F, Gogosis E, Ecker J, Polillo A, Czechowski K, et al. Perceptions of housing and shelter among people with histories of unstable housing in three cities in Canada: A qualitative study. *Am J Community Psychol*. 2018 Jun;61(3-4):445-58. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29577343>.
13. Webb S, Janus M, Duku E, Forer B, Minh A, Brownell M, et al. The shape of the socioeconomic gradient: Testing to functional form of the relationship between socioeconomic status and early child development 2018. Available from: <https://ijpds.org/article/view/929>.
14. Webb S, Janus M, Duku E, Gaskin A, Offord A. Changes in development among kindergarten children in ontario 2012-2015: Linking developmental, sociodemographic, and policy implementation data 2018. Available from: <https://ijpds.org/article/view/920>.

HELP RESOURCES

1. Human Early Learning Partnership. HELP Newsletter: Fall Expo 2018 "Something Big is Happening in BC for Families": Understanding the larger social and economic influences on child development; Thank you to EDI trainers; Final year of Wave 7 EDI data collection. Vancouver, BC: HELP; 2018 Oct. Available from: <https://mailchi.mp/ubc/help-may-2017-newsletter-1316141?e=609d4a0370>.

BIOLOGY/NEUROBIOLOGY (“early experiences”)

1. Batki Aabgc. The impact of early institutional care on emotion regulation: studying the play narratives of post-institutionalized and early adopted children. *Early Child Development & Care*. 2018 12//;188(12):1799-813. Available from: <https://www.tandfonline.com/doi/full/10.1080/03004430.2017.1289190>.
2. Luyten LJ, Saenen ND, Janssen BG, Vrijens K, Plusquin M, Roels HA, et al. Air pollution and the fetal origin of disease: A systematic review of the molecular signatures of air pollution exposure in human placenta. *Environ Res*. 2018;166:310-23. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29908461>.
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4. Stevens AJ, Rucklidge JJ, Kennedy MA. Epigenetics, nutrition and mental health. Is there a relationship? *Nutr Neurosci*. 2018;21(9):602-13. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28553986>.

CHILDCARE, ECD SERVICES

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CHILD DEVELOPMENT (GENERAL)

1. Bernier A, Beauchamp MH, Cimon-Paquet C. From early relationships to preacademic knowledge: A sociocognitive developmental cascade to school readiness. 2018. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1111/cdev.13160>.
2. Demir-Lira ÖE, Applebaum LR, Goldin-Meadow S, Levine SC. Parents’ early book reading to children: Relation to children’s later language and literacy outcomes controlling for other parent language input. 2018(ja):e12764. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1111/desc.12764>.
3. Duff D, Tomblin JB. Literacy as an outcome of language development and its impact on children’s psychosocial and emotional development. Montreal, QC: Encyclopedia on Early Child Development; 2018 Oct. Available from: <http://www.child-encyclopedia.com/sites/default/files/textes-experts/en/622/literacy-as-an-outcome-of-language-development-and-its-impact-on-childrens-psychosocial-and-emotional-development.pdf>.
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Mental Health (IOPTMH). *Eur Psychiatry*. 2018 2018/10/01/;54:124-44. Available from: <http://www.sciencedirect.com/science/article/pii/S0924933818301391>.

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2. Ramage-Morin PL, Bougie E. Family networks and health among Metis aged 45 or older. *Health Rep*. 2017 Dec 20;28(12):12-20. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29261223>.
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MIDDLE YEARS

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2. Motti-Stefanidi F. Resilience among immigrant youth: The role of culture, development and acculturation. *Dev Rev*. 2018;50:99-109. Available from: <https://www.sciencedirect.com/science/article/pii/S0273229717301119>.

PARTNERSHIPS, HUBS, INTEGRATED CENTRES/SERVICES

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POLICY, PRACTICE, INTERVENTIONS

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9. Youmans AS, Kirby JR, Freeman JG. How effectively does the full-day, play-based kindergarten programme in Ontario promote self-regulation, literacy, and numeracy? *Early Child Development & Care*. 2018 12//;188(12):1786-98. Available from: <https://www.tandfonline.com/doi/full/10.1080/03004430.2017.1287177>.

SCREENING (tools, methods, school readiness, etc)

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SOCIAL DETERMINANTS

1. Chartier M, Nickel NC, Chateau D, Enns JE, Isaac MR, Katz A, et al. Families First Home Visiting programme reduces population-level child health and social inequities. *J Epidemiol Community Health*. 2018 Jan;72(1):47-53. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29122995>.
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SOCIOEMOTIONAL

1. Bustamante A. Design and evaluation of a course on social and emotional learning and classroom management for future teachers in Colombia. St. Louis, MO: University of Missouri; 2017. Available from: <https://irl.umsl.edu/dissertation/707>.
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MEDIA (HELP general)

SPECIAL (Children's Environmental Health)

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2. Cox A, Loebach J, Little S. Understanding the nature play milieu: Using behavior mapping to investigate children's activities in outdoor play spaces. *Child Youth Environ.* 2018;28(2):232-61. Available from: <https://www.jstor.org/stable/10.7721/chilyoutenvi.28.2.0232>.
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