

# 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](http://www.earlylearning.ubc.ca/library/citations).

## EDITOR PICKS

### **Positive mental health and supportive school environments: A population-level longitudinal study of dispositional optimism and school relationships in early adolescence.**

Eva Oberle, Assistant Professor, Human Early Learning Partnership

*“The findings suggest that positive relationship experiences in school are key contributors to positive mental health, over and above the absence of negative relationship experiences. These findings also suggest that being embedded in a school with a positive social relational climate contributes to students' current and future positive mental health, over and above individual relationships with peers and adults.”*



### **Caregiving Disruptions Affect Growth and Pubertal Development in Early Adolescence in Institutionalized and Fostered Romanian Children: A Randomized Clinical Trial.**

Alisa Almas, Faculty Research Associate, Human Early Learning Partnership

*“For children who experienced early institutionalization, stable placement within family care is essential to ensuring the best outcomes for physical development.”*



### **Strategies for MDI Success in Schools: Moving from Data to Action.**

Kim Schonert-Reichl, Director, Human Early Learning Partnership, and co-authors

*“This is a new video which summarizes strategies for MDI success in schools.”*



### **Behavior profiles of children with autism spectrum disorder in kindergarten: Comparison with other developmental disabilities and typically developing children.**

Magdalena Janus, Associate Professor, School of Population and Public Health, UBC, and co-authors

*“Identifying behavior patterns among kindergarten children that may be specific to autism spectrum disorder (ASD) at a population level has the potential to improve intervention strategies and thus reduce the burden of the disease.”*



## HUMAN DEVELOPMENT RESEARCH REVIEW

### HELP FACULTY and AFFILIATE (selected publications)

1. Barha CK, Salvante KG, Jones MJ, Farre P, Blais J, Kobor MS, et al. **Early post-conception maternal cortisol, children's HPA activity and DNA methylation profiles.** *J Dev Orig Health Dis.* 2018;1-15. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30428949>.
2. Boyle MH, Duncan L, Georgiades K, Wang L, Comeau J, Ferro MA, et al. **The 2014 Ontario Child Health Study Emotional Behavioural Scales (OCHS-EBS) Part II: Psychometric Adequacy for Categorical Measurement of Selected DSM-5 Disorders.** *Can J Psychiatry.* 2018;706743718808251. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30376363>.
3. Duncan L, Georgiades K, Wang L, Comeau J, Ferro MA, Van Lieshout RJ, et al. **The 2014 Ontario Child Health Study Emotional Behavioural Scales (OCHS-EBS) Part I: A Checklist for Dimensional Measurement of Selected DSM-5 Disorders.** *Can J Psychiatry.* 2018;706743718808250. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30376365>.
4. Janus M, Mauti E, Horner M, Duku E, Siddiqua A, Davies S. **Behavior profiles of children with autism spectrum disorder in kindergarten: Comparison with other developmental disabilities and typically developing children.** 2018;11(3):410-20. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1002/aur.1904>.
5. Johnson DE, Tang A, Almas AN, Degnan KA, McLaughlin KA, Nelson CA, et al. **Caregiving Disruptions Affect Growth and Pubertal Development in Early Adolescence in Institutionalized and Fostered Romanian Children: A Randomized Clinical Trial.** *J Pediatr.* 2018;203:345-53.e3. Available from: <http://www.sciencedirect.com/science/article/pii/S002234761830920X>.
6. Oberle E, Guhn M, Gadermann AM, Thomson K, Schonert-Reichl KA. **Positive mental health and supportive school environments: A population-level longitudinal study of dispositional optimism and school relationships in early adolescence.** *Soc Sci Med.* 2018;214:154-61. Available from: <http://www.sciencedirect.com/science/article/pii/S0277953618303551>.

### HELP RESOURCES

1. Human Early Learning Partnership. **HELP Newsletter: Thank you - Fall Expo 2018 - presentations available now.** Vancouver, BC: HELP; 2018 Nov. Available from: <https://mailchi.mp/ubc/help-may-2017-newsletter-1324277?e=609d4a0370>.
2. Human Early Learning Partnership. **HELP - Fall Expo 2018 - presentation live stream.** Vancouver, BC: HELP; 2018 Nov. Available from: <https://mediasite.audiovisual.ubc.ca/Mediasite/Play/18c415ce3829408bbf7b497b1bb845a61d>.
3. Human Early Learning Partnership. **Strategies for MDI Success in Schools: Moving from Data to Action with Dr. Kimberly Schonert-Reichl.** Vancouver, BC: Human Early Learning Partnership; 2018 Nov 20. Available from: [https://www.youtube.com/watch?v=kNhDR\\_VNuPk](https://www.youtube.com/watch?v=kNhDR_VNuPk).

### BIOLOGY/NEUROBIOLOGY (“early experiences”)

1. Alvarez HAO, Kubzansky LD, Campen MJ, Slavich GM. **Early life stress, air pollution, inflammation, and disease: An integrative review and immunologic model of social-environmental adversity and lifespan health.** *Neuroscience Biobehavioral Reviews.* 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29874545>.

- Humphreys KL, King LS, Sacchet MD, Camacho C, Colich NL, Ordaz SJ, et al. **Evidence for a sensitive period in the effects of early life stress on hippocampal volume.** *Devel Sci.* 2018:e12775. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1111/desc.12775>.

## CHILDCARE, ECD SERVICES

- Government of British Columbia. **Childcare BC Universal Prototype Sites. Frequently Asked Questions.** Victoria, BC: Government of British Columbia; 2018 Nov. Available from: [https://www2.gov.bc.ca/assets/gov/family-and-social-supports/child-care/running-a-daycare-or-preschool/prototype\\_faq.pdf](https://www2.gov.bc.ca/assets/gov/family-and-social-supports/child-care/running-a-daycare-or-preschool/prototype_faq.pdf).

## CHILD DEVELOPMENT (GENERAL)

- Active Healthy Kids Global Alliance. **The global matrix 3.0 on physical activity for children and youth.** Adelaide, Australia: Active Healthy Kids Global Alliance; 2018 Nov. Available from: <https://www.activehealthykids.org/global-matrix/>.
- Aubert S, Barnes JD, Abdeta C, Nader PA, Adeniyi AF, Aguilar-Farias N, et al. **Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries.** 2018;15(S2):S251-S73. Available from: <https://journals.humankinetics.com/doi/abs/10.1123/jpah.2018-0472>.
- Cleland P, Byrne R, Vidgen H, Irvine S, Farrell A, Gallegos D. **Advancing Australia's agenda for young children's health and wellbeing: Empirical insights into educator knowledge, confidence and intentions in promoting children's Learning, Eating, active play and sleep (LEAPS).** *Australasian Journal of Early Childhood.* 2018;43(2):55. Available from: <https://eprints.qut.edu.au/119113/>.
- Gomes<sup>1</sup> NRR, Maia EC, Varga IVD. **The benefits of play for children's health: a systematic review.** *Arq Ciênc Saúde.* 2018. Available from: [www.cienciasdasaude.famerp.br/index.php/racs/article/download/867/755/](http://www.cienciasdasaude.famerp.br/index.php/racs/article/download/867/755/).
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- Pennestri M-H, Laganière C, Bouvette-Turcot A-A, Pokhvisneva I, Steiner M, Meaney MJ, et al. **Uninterrupted infant sleep, development, and maternal mood.** *Pediatrics.* 2018. Available from: <http://pediatrics.aappublications.org/content/pediatrics/early/2018/11/08/peds.2017-4330.full.pdf>.
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- Yun L, Vanderloo L, Berry TR, Latimer-Cheung AE, O'Reilly N, Rhodes RE, et al. **Assessing the social climate of physical (in)activity in Canada.** *BMC Public Health.* 2018;18(1):N.PAG-N.PAG. Available from: <https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-018-6166-2>.

## INDIGENOUS

- Ontario Centre of Excellence for Child and Youth Mental Health. **Working with Indigenous families: An engagement bundle for child and youth mental health agencies.** Ottawa, ON: Ontario Centre of Excellence for Child and Youth Mental Health; 2018. Available from: [www.excellenceforchildandtheyouth.ca/file/9101/download?token=m0kjO6\\_P](http://www.excellenceforchildandtheyouth.ca/file/9101/download?token=m0kjO6_P).

## MIDDLE YEARS

- Oberle E, Guhn M, Gadermann AM, Thomson K, Schonert-Reichl KA. **Positive mental health and supportive school environments: A population-level longitudinal study of dispositional optimism and school**

**relationships in early adolescence.** Soc Sci Med. 2018;214:154-61. Available from:  
<http://www.sciencedirect.com/science/article/pii/S0277953618303551>.

## PARTNERSHIPS, HUBS, INTEGRATED CENTRES/SERVICES

### POLICY, PRACTICE, INTERVENTIONS

#### General

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<https://www.activehealthykids.org/global-matrix/>.
2. Canadian Institute of Child Health Board of Directors. **Canadian Institute of Child Health is now officially closed.** Ottawa, ON: CICH; 2018 Oct 31. Available from: <https://cich.ca/wp-content/uploads/2018/11/The-Canadian-Institute-of-Childrens-Health-MessageAccomplishmentsFinal-.pdf>.
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4. Howard C, Rose C, Rivers N. **Lancet Countdown 2018 Report: Briefing for Canadian policymakers.** Ottawa, ON: Canadian Medical Association, Canadian Public Health Association, and The Lancet; 2018 Nov. Available from: <http://www.lancetcountdown.org/media/1418/2018-lancet-countdown-policy-brief-canada.pdf>.
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[https://www.sciencedirect.com/science/article/pii/S0190740918305851?dgcid=rss\\_sd\\_all](https://www.sciencedirect.com/science/article/pii/S0190740918305851?dgcid=rss_sd_all).

#### Poverty

1. Campaign 2000. **Bold ambitions for child and family poverty eradication [national poverty report card].** Toronto, ON: Campaign 2000; 2018 Nov 20. Available from: <https://campaign2000.ca/1106-2/>.
2. Campaign 2000. **Still lingering too long. Report card on child and family poverty on Prince Edward Island.** Charlottetown, PEI: Campaign 2000; 2018 Nov 20. Available from: <https://campaign2000.ca/wp-content/uploads/2018/11/PrinceEdwardIslandReportCardNov2018.pdf>.
3. Edmonton Social Planning Council. **One in six is too many. Alberta poverty update.** Edmonton, AL: Edmonton Social Planning Council, Public Interest Alberta, and the Alberta College of Social Workers; 2018 Nov 20. Available from: <https://campaign2000.ca/wp-content/uploads/2018/11/AlbertaPovertyReportNov2018.pdf>.
4. First Call: BC Child and Youth Advocacy Coalition. **2018 BC child poverty report card.** Vancouver, BC: Frist Call in collaboration with sparbc bc and Campaign 2000; 2018 Nov 20. Available from: <https://still1in5.ca/wp-content/uploads/2014/11/First-Call-Report-Card-2018-web-Nov-18.pdf>.
5. Saint John Human Development Council. **A reboot for poverty reduction. 2018 child poverty report card New Brunswick.** Saint John, NB: Human Development Council in collaboration with Campaign 2000; 2018 Nov 20. Available from: <https://campaign2000.ca/wp-content/uploads/2018/11/NewBrunswickChildPovertyReportCardNov2018.pdf>.

## SCREENING (tools, methods, school readiness, etc)

1. Kanji A, Khoza-Shangase K, Moroe N. **Newborn hearing screening protocols and their outcomes: A systematic review.** *Int J Pediatr Otorhinolaryngol.* 2018;115:104-9. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30368368>.

## SOCIAL DETERMINANTS

1. **Health related SDGs for Canada (interactive).** *Lancet* (London, England). 2018. Available from: <https://www.thelancet.com/lancet/visualisations/gbd-SDGs>.
2. Kwan M-P. **The Limits of the Neighborhood Effect: Contextual Uncertainties in Geographic, Environmental Health, and Social Science Research.** *Annals of the American Association of Geographers.* 2018;108(6):1482-90. Available from: <https://www.tandfonline.com/doi/full/10.1080/24694452.2018.1453777>.
3. Leventhal T. **Neighborhood Context and Children's Development: When Do Neighborhoods Matter Most?** *Child Dev Perspect.* 2018;12(4):258-63. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1111/cdep.12296>.
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## SOCIOEMOTIONAL

1. Dunning DL, Griffiths K, Kuyken W, Crane C, Foulkes L, Parker J, et al. **Research Review: The effects of mindfulness-based interventions on cognition and mental health in children and adolescents—a meta-analysis of randomized controlled trials.** *Journal of Child Psychology Psychiatry.* 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30345511>.
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3. Keller Hhud. **Parenting and socioemotional development in infancy and early childhood.** *Dev Rev.* 2018;50:31-41. Available from: <https://www.sciencedirect.com/science/article/pii/S0273229717301107>.

## MEDIA (HELP general)

**Ladysmith Early Years Partnership creates book, video to highlight programs for children**

Gregory, Mike. *The Ladysmith - Chemainus Chronicle*; Ladysmith, B.C. [Ladysmith, B.C.] 19 Nov 2018

## SPECIAL (Outdoor play, Greenspace, Air Pollution)

1. Piccininni C, Michaelson V, Janssen I, Pickett W. **Outdoor play and nature connectedness as potential correlates of internalized mental health symptoms among Canadian adolescents.** *Prev Med.* 2018;112:168-75. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29679604>.
2. Tandon P, Saelens B, Zhou C, Christakis D. **A Comparison of Preschoolers' Physical Activity Indoors versus Outdoors at Child Care.** 2018;15(11):2463. Available from: <http://www.mdpi.com/1660-4601/15/11/2463>.
3. Vanaken G-J, Danckaerts M. **Impact of Green Space Exposure on Children's and Adolescents' Mental Health: A Systematic Review.** 2018;15(12):2668. Available from: <http://www.mdpi.com/1660-4601/15/12/2668>.
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### Data Portal

1. Canadian Urban Environmental Health Research Consortium (CANUE). **New data are ready to go (Canadian Marginalization Indices; Access to Employment Indices; Urban Climate Health zones).** Victoria, BC: CANUE; 2018 Nov. Available from: <https://mailchi.mp/f92b022d2ba9/canue-update-november-2018-781977?e=b2fd8be035>.

For more information visit  
[www.earlylearning.ubc.ca/library/citations](http://www.earlylearning.ubc.ca/library/citations)

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