

# 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

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### Born to be Wise: a population registry data linkage protocol to assess the impact of modifiable early-life environmental exposures on the health and development of children.

Martin Guhn, HELP faculty/co-author (see paper for full listing of authors).

*"This project will analyse the impact of various modifiable early life environmental exposures on different dimensions of childhood development."*



### Power of play.

Mariana Brussoni is featured in CBC's Nature of Things with David Suzuki

*"The Power of Play takes us around the world to meet the people who are turning play science into one of the most promising areas of research today."*



### Indigenous early childhood development in Canada: current state of knowledge and future directions.

Margo Greenwood (pictured on right) and Regine Halseth

*"This paper provides a brief overview of the current state of knowledge and knowledge gaps on the health and well-being of First Nations, Inuit and Métis young children and highlights future directions for Indigenous ECD programs and policies."*



### Wiring the brain for participation through active listening and active learning. Ziba Vaghri (et al.), University of Victoria

*"After summarizing brain development in early childhood, we make the case that active listening which acts as sensory stimulation for the developing brain, and active learning, which builds confidence, self-esteem, and problem-solving skills, play key roles in promoting children's cognitive and motivational capacity for meaningful participation."*



### The health impacts of screen time: a guide for clinicians and parents.

UK Royal College of Paediatrics and Child Health Policy Team, 2019 Jan.

*"This guide provides a summary of existing research on the health effects of screen time on children and young people. It outlines recommendations for health professionals and families on screen time use."*



## HUMAN DEVELOPMENT RESEARCH REVIEW

### HELP FACULTY and AFFILIATE (selected publications)

1. van den Bosch M, Brauer M, Burnett R, Davies HW, Davis Z, Guhn M, et al. **Born to be Wise: a population registry data linkage protocol to assess the impact of modifiable early-life environmental exposures on the health and development of children.** *BMJ Open.* 2018;8(12):e026954. Available from: <https://bmjopen.bmj.com/content/8/12/e026954.info>.

### HELP RESOURCES

1. Human Early Learning Partnership. **HELP Talks: A Fresh Look at the “New” Science of Child Development: Recent Findings from Two Quebec Cohorts (9:30am – 12:00pm, SPPH Rm 491).** Vancouver, BC: University of British Columbia, School of Population and Public Health; 2019 Jan 30. Available from: <http://earlylearning.ubc.ca/blog/2019/jan/23/help-talks-fresh-look-new-science-child-developmen/>.

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3. Cicchetti D, Handley ED. **Child maltreatment and the development of substance use and disorder.** *Neurobiology of Stress.* 2019;10:100144. Available from: <http://www.sciencedirect.com/science/article/pii/S2352289518300213>.
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5. Jiang Y, Da W, Qiao S, Zhang Q, Li X, Ivey G, et al. **Basal cortisol, cortisol reactivity, and telomere length: A systematic review and meta-analysis.** *Psychoneuroendocrinology.* 2019;103:163-72. Available from: <http://www.sciencedirect.com/science/article/pii/S0306453018309077>.
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8. McCrory C, Fiorito G, Ni Cheallaigh C, Polidoro S, Karisola P, Alenius H, et al. **How does Socio-Economic Position (SEP) get biologically embedded? A Comparison of Allostatic Load and the Epigenetic Clock(s).** *Psychoneuroendocrinology.* 2019. Available from: <http://www.sciencedirect.com/science/article/pii/S0306453018310631>.
9. Piccolo LR, Noble KG. **Chapter 9. Poverty, Early Experience, and Brain Development.** In: Zeanah CH, editor. *Handbook of Infant Mental Health.* New York: Guilford Press; 2018. Available from:

- <https://www.guilford.com/books/Handbook-of-Infant-Mental-Health/Charles-Zeanah/9781462537105/contents>.
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  11. Vaghri Z, Covell K, Clow H. **Wiring the brain for participation through active listening and active learning.** *Canadian Journal of Children's Rights* 2018;5(1). Available from: <https://dspace.library.uvic.ca/handle/1828/10384>.

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## CHILD DEVELOPMENT (GENERAL)

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2. Costanian C, Abdullah P, Sawh N, Nagapatan A, Tamim HJCJoPH. **Factors associated with shorter night-time sleep in toddlers: The Survey of Young Canadians.** 2017;108(5):e571-e7. Available from: <https://doi.org/10.17269/CJPH.108.6236>.
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## PARTNERSHIPS, HUBS, INTEGRATED CENTRES/SERVICES

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## POLICY, PRACTICE, INTERVENTIONS

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- [card-showing-gaps-in-care-and-421-million-productivity-loss-of-parents-of-children-and-youth-facing-mental-health-issues.](#)
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## SCREENING (tools, methods, school readiness, etc)

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## SOCIOEMOTIONAL

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## MEDIA (HELP general)

February 22, 2019 - **Childhood Social-Emotional Functioning Linked To Early-Onset Mental Health Conditions**

<https://www.psychiatryadvisor.com/home/topics/child-adolescent-psychiatry/childhood-social-emotional-functioning-linked-to-early-onset-mental-health-conditions/>

Reference to:

Thomson KC, Richardson CG, Gadermann AM, Emerson SD, Shoveller J, Guhn M. [Association of childhood social-emotional functioning profiles at school entry with early-onset mental health conditions](#). *JAMA Netw Open*. 2019;2(1):e186694.

## SPECIAL (Children’s Environmental Health)

1. Browning MHEM, Rigolon A. **School green space and its impact on academic performance: a systematic literature review**. *Int J Environ Res Public Health*. 2019;16(3):429. Available from: <https://doi.org/10.3390/ijerph16030429>.
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