

# 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).

Cover image: Rose garden, UBC Winter 2016 by Miguel Garcia - Flickr CC Attribution

## EDITOR PICKS

Early adolescents' emotional well-being in the classroom and the role of personal contextual assets.

Eva Oberle, Assistant Professor, Human Early Learning Partnership  
*"Contextual and personal assets are central for early adolescents' emotional well-being."*



Using the MDI to build a common language of well-being in schools.

A conversation with Kim Schonert-Reichl (right) and Mike Hooker. 2017 Dec 6.

*HELP Director Kim Schonert-Reichl joins Revelstoke Superintendent Mike Hooker to discuss his district's approach to engaging teachers and students in the ongoing practice of cultivating well-being.*



Epigenetics and genetics of development.

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

*"We outline the epigenetic mechanisms underlying typical development...we also discuss the role of epigenetic and environmental influences on brain development throughout the life course."*



The need for health in all policies in Canada.

Paul Kershaw, Associate Professor, Human Early Learning Partnership

*"Health promotion is the domain of social, economic and environmental ministries..."*

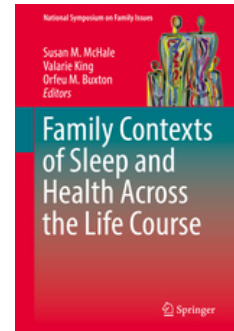


## EDITOR PICKS

Family contexts of sleep and health across the lifecourse.

McHale SM, King V, Buxton OM, editors

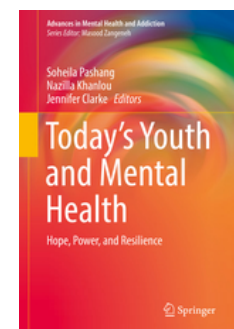
*"This book engages current research in the new role of families in healthful sleep patterns."*



Today's youth and mental health. Hope, power, and resilience.

Pashang S, Khanlou N, Clarke J, editors.

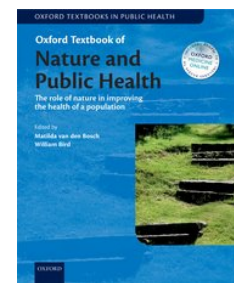
*"This book focuses on the social and intersectional determinants of mental health among youth."*



Oxford textbook of nature and public health. The role of nature in improving the health of a population.

van den Bosch M, Bird W, Frumkin H, editors

*"This book provides a broad outlook of the role of nature in public health."*



Human Early Learning Partnership webinars, videos and briefs.



Learning by listening: The Aboriginal MDI. 2017 Nov 24.

The Middle Years Development Instrument: Research Brief. 2017.

## HUMAN DEVELOPMENT RESEARCH REVIEW

### HELP FACULTY and AFFILIATE (selected publications)

1. Jones MJ, Moore SR, Kobor MS. **Principles and challenges of applying epigenetic epidemiology to psychology.** Annu Rev Psychol. 2018;69. Available from: <http://www.annualreviews.org/doi/abs/10.1146/annurev-psych-122414-033653>.
2. Lussier AA, Islam SA, Kobor MS. **Epigenetics and genetics of development.** The Neurobiology of Brain and Behavioral Development: Elsevier; 2018. p. 153-210. Available from: <https://www.sciencedirect.com/science/article/pii/B9780128040362000078>.
3. Oberle E. **Early adolescents' emotional well-being in the classroom: The role of personal and contextual assets.** J Sch Health. 2018;88(2):101-11. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29333642>.
4. O'Donnell KJ, Chen L, MacIsaac JL, McEwen LM, Nguyen T, Beckmann K, et al. **DNA methylome variation in a perinatal nurse-visitation program that reduces child maltreatment: a 27-year follow-up.** Transl Psychiatry. 2018;8(1):15. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29317599>.
5. Roubinov DS, Hagan MJ, Boyce WT, Essex MJ, Bush NR. **Child temperament and teacher relationship interactively predict cortisol expression: The prism of classroom climate.** Dev Psychopathol. 2017;29(5):1763-75. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29162182>.

### HELP RESOURCES

1. Human Early Learning Partnership. **HELP Newsletter: What's coming in 2018?** Vancouver, BC: HELP; 2018 Jan. Available from: <http://mailchi.mp/ubc/help-may-2017-newsletter-1247293?e=609d4a0370>.
2. Human Early Learning Partnership. **The Middle Years Development Instrument. Research Brief.** Vancouver, BC: University of British Columbia, School of Population and Public Health; 2017. Available from: <http://earlylearning.ubc.ca/media/mdi-researchbrief-20170511.pdf>
3. Human Early Learning Partnership. **Learning by listening: The Aboriginal MDI.** Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Nov 24. Available from: <https://www.youtube.com/watch?v=I98ZHVTXIC4>.
4. Human Early Learning Partnership. **Using the MDI to build a common language of well-being in schools. A conversation with Kim Schonert-Reichl and Mike Hooker.** Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Dec 6. Available from: [https://www.youtube.com/watch?v=dY\\_m5alnCmY](https://www.youtube.com/watch?v=dY_m5alnCmY).

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

1. Champagne FA. **Social and behavioral epigenetics: Evolving perspectives on nature-nurture interplay, plasticity, and inheritance.** The Palgrave Handbook of Biology and Society: Springer; 2018. p. 227-50. Available from: <https://link.springer.com/book/10.1057/978-1-137-52879-7?page=1#toc>.
2. Noll JG, editor. **The biology of early life stress: Understanding child maltreatment and trauma.** New York, NY: Springer; 2018. Available from: <http://www.springer.com/gp/book/9783319725888>.
3. O'Donnell KJ, Chen L, MacIsaac JL, McEwen LM, Nguyen T, Beckmann K, et al. **DNA methylome variation in a perinatal nurse-visitation program that reduces child maltreatment: a 27-year follow-up.** Transl Psychiatry. 2018;8(1):15. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29317599>.
4. Pedersen JM, Mortensen EL, Christensen DS, Rosing M, Brunsgaard H, Meincke RH, et al. **Prenatal and early postnatal stress and later life inflammation.** Psychoneuroendocrinology. 2018;88:158-66. Available from: <https://www.sciencedirect.com/science/article/pii/S0306453016310113>.

5. Raby KL, Roisman GI, Labella MH, Martin J, Fraley RC, Simpson JA. **The legacy of early abuse and neglect for social and academic competence from childhood to adulthood.** *Child Dev.* 2017. Available from: <http://dx.doi.org/10.1111/cdev.13033>.

## CHILDCARE, ECD SERVICES

1. Hewitt L, Benjamin-Neelon SE, Carson V, Stanley RM, Janssen I, Okely AD. **Child care centre adherence to infant physical activity and screen time recommendations in Australia, Canada and the United States: An observational study.** *Infant Behavior and Development.* 2018;50:88-97. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29223777>.
2. Lin H-C, Dunnett AJ. **An exploration of parental preferences for child care services in Canada.** *Services Marketing Quarterly.* 2018;39(1):49-63. Available from: <http://www.tandfonline.com/doi/abs/10.1080/15332969.2017.1398028>.
3. Lucas JE, Richter LM, Daelmans B. **Care for Child Development: an intervention in support of responsive caregiving and early child development.** *Child Care Health Dev.* 2018;44(1):41-9. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29235167>.
4. Pilarz AR. **Multiple child care arrangements and school readiness in kindergarten.** *Early Child Res Q.* 2018;42:170-82. Available from: <http://www.sciencedirect.com/science/article/pii/S0885200617302454>.
5. Truelove S, Bruijns BA, Vanderloo LM, O'Brien KT, Johnson AM, Tucker P. **Physical activity and sedentary time during childcare outdoor play sessions: A systematic review and meta-analysis.** *Prev Med.* 2018;108:74-85. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29305869>.
6. White LA, Perlman M, Davidson A, Rayment E. **Risk perception, regulation, and unlicensed child care: lessons from Ontario, Canada.** *Journal of Risk Research.* 2018:1-19. Available from: <http://www.tandfonline.com/doi/abs/10.1080/13669877.2017.1422786>.

## CHILD DEVELOPMENT (GENERAL)

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4. McHale SM, King V, Buxton OM, editors. **Family contexts of sleep and health across the life course.** New York, NY: Springer; 2017. Available from: <http://www.springer.com/gp/book/9783319647791>.
5. Nigg CR, Ul Anwar MM, Braun K, Mercado J, Kainoa Fialkowski M, Ropeti Areta AA, et al. **A review of promising multicomponent environmental child obesity prevention intervention strategies by the Children's Healthy Living Program.** *J Environ Health.* 2016;79(3):18-26. Available from: <https://www.neha.org/node/58614>.
6. Palmer CA, Oosterhoff B, Bower JL, Kaplow JB, Alfano CA. **Associations among adolescent sleep problems, emotion regulation, and affective disorders: Findings from a nationally representative sample.** *J Psychiatr Res.* 2018;96:1-8. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28941378>.
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## INDIGENOUS

1. Auhl G, Hill B, Gainsford A, Zundans-Fraser L. **Building indigenously culturally competent teacher education programs.** In: Whitinui P, Rodriguez de France C, McIvor O, editors. *Promising practices in Indigenous teacher education:* Springer; 2018. p. 119-30. Available from: <http://www.springer.com/gp/book/9789811063992>.
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3. Delbridge R, Wilson A, Palerm C. **Measuring the impact of a community of practice in Aboriginal health.** *Studies in Continuing Education.* 2018;40(1):62-75. Available from: <http://www.tandfonline.com/doi/full/10.1080/0158037X.2017.1360268>.
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## MIDDLE YEARS

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2. Roubinov DS, Hagan MJ, Boyce WT, Essex MJ, Bush NR. **Child temperament and teacher relationship interactively predict cortisol expression: The prism of classroom climate.** *Dev Psychopathol.* 2017;29(5):1763-75. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29162182>.

## PARTNERSHIPS, HUBS, INTEGRATED CENTRES/SERVICES

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2. Centre for Community Child Health. **Policy Roundtable Emerging patterns in place-based approaches: International perspectives.** Victoria, Australia: Murdoch Children's Research Institute/The Royal Children's Hospital Melbourne; 2017 Nov. Available from: <https://www.rch.org.au/uploadedFiles/Main/Content/ccchdev/1711-CCCH-Policy-Roundtable-Report-Final.pdf>.

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## POLICY, PRACTICE, INTERVENTIONS

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

1. O'Connor TM, Pham T, Watts AW, Tu AW, Hughes SO, Beauchamp MR, et al. **Development of an item bank for food parenting practices based on published instruments and reports from Canadian and US parents.** Appetite. 2016;103:386-95. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27131416>.
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## SOCIAL DETERMINANTS

1. Browne DT. **Social disadvantage gets inside the family: Exploring biopsychosocial family processes in the emergence of developmental health inequalities.** Toronto, ON: University of Toronto; 2018. Available from: <https://tspace.library.utoronto.ca/handle/1807/76359>.

## SOCIOEMOTIONAL

1. Marino C, Gini G, Vieno A, Spada MM. **The associations between problematic Facebook use, psychological distress and well-being among adolescents and young adults: A systematic review and meta-analysis.** J Affect Disord. 2018;226:274-81. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29024900>.
2. Pashang S, Khanlou N, Clarke J, editors. **Today's youth and mental health. Hope, power, and resilience.** New York, NY: Springer; 2018. Available from: <http://www.springer.com/gp/book/9783319648361>.
3. Sheikh MA. **The potential protective effect of friendship on the association between childhood adversity and psychological distress in adulthood: A retrospective, preliminary, three-wave population-based study.** J Affect Disord. 2018;226:21-7. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28942202>.
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## MEDIA (HELP general)

## MEDIA (Kershaw, Generation Squeeze)

1. B.C.'s "Generation Squeeze"™ feeling pinch of high cost of living, says UBC prof. The News. 2017 11/02
2. Monsebraaten L. Spend more on social services: study. Toronto Star. 2018 01/22
3. Monsebraaten L. Prescription for healthier population: spend more on social services. The Toronto Star (Online). 2018.
4. Picard A. To improve Canada's health, we must rethink our spending strategy. The Globe and Mail. 2018 01/22

## SPECIAL

1. van den Bosch M, Bird W, Frumkin H, editors. **Oxford textbook of nature and public health. The role of nature in improving the health of a population.** Toronto, ON: Oxford University Press; 2018. Available from: <https://global.oup.com/academic/product/oxford-textbook-of-nature-and-public-health-9780198725916?cc=ca&lang=en&>.

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