

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

Mental well-being among children in foster care: The role of supportive adults.

Carly Magee (right), Martin Guhn, Kim Schonert-Reichl, and Eva Oberle, Human Early Learning Partnership

“This study indicated that perceived support from adults at home and school are individually associated with mental well-being among children in foster care during middle childhood. Policy aimed at improving the well-being of children in care should be considered for both in child welfare and school systems.”



Validity of the Middle Years Development Instrument for population monitoring of student wellbeing in Australian school children.

Martin Guhn (right), Anne Gadermann, Kim Schonert-Reichl (and co-authors), Human Early Learning Partnership.

“...Validity and reliability analyses confirmed that the MDI scales had good psychometric properties (i.e., favourable model fit in confirmatory factor analyses, high internal consistency, and correlations between scales were consistent with theoretical expectations).”



Validation of the Early Development Instrument for children with special needs.

Magdalena Janus (and co-authors), Affiliate Associate Professor, School of Population and Public Health, UBC.

“Results of this investigation support the validity of the EDI in children with special health needs, paving the way for a more extensive use of EDI data for this vulnerable, yet often neglected, population.”



Straddling the Gap: A troubling portrait of home prices, earnings and affordability for younger Canadians.

Paul Kershaw, Associate Professor, Human Early Learning Partnership

“...A troubling portrait of home prices, earnings and affordability for younger Canadians. This report also outlines policy recommendations for reducing this affordability gap and ensuring all Canadians can afford a good, secure home by 2030.”

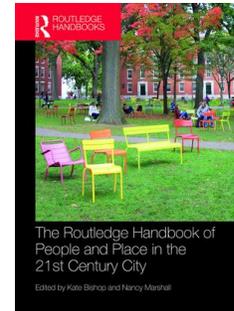


EDITOR PICKS

Handbook of people and place in the 21st century city.

Kate Bishop, Nancy Marshall (editors), 2019

“This book contains an interdisciplinary discussion of contemporary urban movements and issues influencing the relationship between people and place in urban environments around the world which have major implications for both the processes and products of urban planning, design and management.”



Promising practices for children’s unstructured play: emerging programs, initiatives, and policies.

Canadian Public Health Association, 2019 Jun

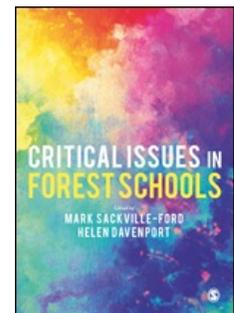
“Throughout Canada, programs have been developed and implemented that support children’s access to unstructured play. These programs address issues ranging from the design of play spaces, to developing local policies and programs supporting access to unstructured play. This section provides a series of examples that were self-identified as promising practices by the sponsoring organization.”



Critical issues in forest schools.

Mark Sackville-Ford, Helen Davenport (editors), 2019

“Forest School continues to grow and develop, both in the UK and internationally. Literature and research in the field tend to document this growth, while this book takes a novel approach to the Forest school conversation, taking a critical look at the various tensions and difficulties that surround Forest School practice.”



Public health approaches & practice in complex systems.
Summer school 2019.

Public Health Association of British Columbia (July 4-5, 2019).

“Over the 2019 public health summer school, participants will be introduced to Complex Adaptive Systems thinking, what it is, and how it can be used to create innovative solutions to population level interventions in public health within four subtopics. Two days of engaging speakers and relevant content will support attendees in professional development that addresses the everyday complexity facing a modern public health practice.”



HUMAN DEVELOPMENT RESEARCH REVIEW

HELP FACULTY and AFFILIATE (selected publications)

1. Esposito EA, Jones MJ, Doom JR, MacIsaac JL, Gunnar MR, Kobor MS. **Differential DNA methylation in peripheral blood mononuclear cells in adolescents exposed to significant early but not later childhood adversity.** Dev Psychopathol. 2016;28(4pt2):1385-99. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/26847422>.
2. Gregory T, Engelhardt D, Lewkowicz A, Luddy S, Guhn M, Gadermann A, et al. **Validity of the Middle Years Development Instrument for Population Monitoring of Student Wellbeing in Australian School Children.** Child Indicators Research. 2019;12(3):873-99. Available from: <https://doi.org/10.1007/s12187-018-9562-3>.
3. Janus M, Zeraatkar D, Duku E, Bennett T. **Validation of the Early Development Instrument for children with special health needs.** J Paediatr Child Health. 2019;55(6):659-65. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30302861>.
4. Kershaw P, Eaves S. **Straddling the Gap: A troubling portrait of home prices, earnings and affordability for younger Canadians.** Vancouver, BC: Generation Squeeze; 2019 Jun. Available from: https://d3n8a8pro7vnm.cloudfront.net/gensqueeze/pages/5293/attachments/original/1560279096/Straddling-the-Gap-2019_final.pdf?1560279096.
5. Magee C, Guhn M, Schonert-Reichl KA, Oberle E. **Mental well-being among children in foster care: The role of supportive adults.** Children Youth Serv Rev. 2019;102:128-34. Available from: <https://www.sciencedirect.com/science/article/pii/S0190740919300428>.

HELP RESOURCES

1. Human Early Learning Partnership. **HELP Newsletter: Mark your calendars! Fall Expo 2019 will take place November 5.** Vancouver, BC: HELP; 2019 May. Available from: <https://mailchi.mp/ubc/help-may-2017-newsletter-1377697?e=609d4a0370>.

BIOLOGY/NEUROBIOLOGY (“early experiences”)

1. Anthony RE, Paine AL, Shelton KH. **Adverse Childhood Experiences of Children Adopted from Care: The Importance of Adoptive Parental Warmth for Future Child Adjustment.** Int J Environ Res Public Health. 2019;16(12):2212. Available from: <https://www.mdpi.com/1660-4601/16/12/2212>.
2. Belsky J, Pokhvisneva I, Rema ASS, Broekman BFP, Pluess M, O’Donnell KJ, et al. **Polygenic differential susceptibility to prenatal adversity.** Dev Psychopathol. 2019;31(2):439-41. Available from: <https://www.cambridge.org/core/article/polygenic-differential-susceptibility-to-prenatal-adversity/6A7057B900C2B0E91175D605FBA499EA>.
3. Esposito EA, Jones MJ, Doom JR, MacIsaac JL, Gunnar MR, Kobor MS. **Differential DNA methylation in peripheral blood mononuclear cells in adolescents exposed to significant early but not later childhood adversity.** Dev Psychopathol. 2016;28(4pt2):1385-99. Available from: <https://www.cambridge.org/core/article/differential-dna-methylation-in-peripheral-blood-mononuclear-cells-in-adolescents-exposed-to-significant-early-but-not-later-childhood-adversity/7AB06157FA3618FF99F9EC257DCD3D11>.

4. Heim CM, Entringer S, Buss C. **Translating basic research knowledge on the biological embedding of early-life stress into novel approaches for the developmental programming of lifelong health.** *Psychoneuroendocrinology*. 2019;105:123-37. Available from: <https://www.sciencedirect.com/science/article/pii/S0306453018306796>.
5. McEwen CA, Gregerson SF. **A Critical Assessment of the Adverse Childhood Experiences Study at 20 Years.** *Am J Prev Med*. 2019;56(6):790-4. Available from: [https://www.ajpmonline.org/article/S0749-3797\(18\)32358-4/abstract](https://www.ajpmonline.org/article/S0749-3797(18)32358-4/abstract).

CHILDCARE, ECD SERVICES

1. Siraj I, Howard SJ, Kingston D, Neilsen-Hewett C, Melhuish EC, de Rosnay M. **Comparing regulatory and non-regulatory indices of early childhood education and care (ECEC) quality in the Australian early childhood sector.** *Australian Educational Researcher* (Springer Science & Business Media BV). 2019;46(3):365-83. Available from: <https://link.springer.com/article/10.1007/s13384-019-00325-3>.

CHILD DEVELOPMENT (GENERAL)

General

1. Allee-Herndon KA, Roberts SK. **Poverty, self-regulation and executive function, and learning in k-2 classrooms: A systematic literature review of current empirical research.** *Journal of Research in Childhood Education*. 2019. Available from: <https://www.tandfonline.com/doi/abs/10.1080/02568543.2019.1613273?journalCode=ujrc20>.
 1. Canadian Public Health Association. **Promising Practices for Children’s Unstructured Play: Emerging Programs, Initiatives, and Policies across Canada.** Toronto, ON: Canadian Public Health Association; 2019 Jun. Available from: <https://www.cpha.ca/sites/default/files/uploads/resources/play/play-promising-practices-e.pdf>.
2. Fought EL, Qian W, Carson VL, Storey KE, Faulkner G, Veugelers PJ, et al. **The longitudinal impact of diet, physical activity, sleep, and screen time on Canadian adolescents’ academic achievement: An analysis from the COMPASS study.** *Prev Med*. 2019;125:24-31. Available from: <https://www.sciencedirect.com/science/article/pii/S0091743519301756>.
3. Gray HL, Buro AW, Barrera Ikan J, Wang W, Stern M. **School-level factors associated with obesity: A systematic review of longitudinal studies.** *Obes Rev*. 2019;20(7):1016-32. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1111/obr.12852>.
4. Liu J, Feng R, Ji X, Cui N, Raine A, Mednick SC. **Midday napping in children: Associations between nap frequency and duration across cognitive, positive psychological well-being, behavioral, and metabolic health outcomes.** *Sleep*. 2019. Available from: <https://doi.org/10.1093/sleep/zsz126>.
5. Vergunst F, Tremblay RE, Nagin D, Algan Y, Beasley E, Park J, et al. **Association Between Childhood Behaviors and Adult Employment Earnings in Canada.** *JAMA Psychiatry*. 2019. Available from: <https://doi.org/10.1001/jamapsychiatry.2019.1326>.

INDIGENOUS

1. National Collaborating Centre for Indigenous Health. **Indigenous Health Researchers Database**. Prince George, BC: National Collaborating Centre for Indigenous Health; 2019 [Jun 1]; Available from: https://www.nccih.ca/512/Indigenous_Health_Researchers.nccah.
2. National Collaborating Centre for Indigenous Health. **Report summary: The United Nations Sustainable Development Goals and Indigenous Peoples in Canada**. Prince George, BC: National Collaborating Centre for Indigenous Health; 2019 Mar. Available from: https://www.nccih.ca/495/Report_summary_The_United_Nations_Sustainable_Development_Goals_and_Indigenous_Peoples_in_Canada.nccih?id=256.
3. Thomson J. **Meet the scientists embracing traditional Indigenous knowledge**. The Narwhal. 2019. Available from: <https://thenarwhal.ca/meet-scientists-embracing-traditional-indigenous-knowledge/>.
4. Williams L. **Climate change, colonialism, and women's well-being in Canada: what is to be done?** Canadian Journal of Public Health. 2018;109(2):268-71. Available from: <https://doi.org/10.17269/s41997-018-0031-z>.

MIDDLE YEARS

1. Magee C, Guhn M, Schonert-Reichl KA, Oberle E. **Mental well-being among children in foster care: The role of supportive adults**. Children Youth Serv Rev. 2019;102:128-34. Available from: <https://www.sciencedirect.com/science/article/pii/S0190740919300428>.

PARTNERSHIPS, HUBS, INTEGRATED CENTRES/SERVICES

POLICY, PRACTICE, INTERVENTIONS

1. Butler AM, Rodgers CRR. **Developing a Policy Brief on Child Mental Health Disparities to Promote Strategies for Advancing Equity among Racial/Ethnic Minority Youth**. Ethn Dis. 2019;29 (Suppl 2):421-6. Available from: <https://www.ethndis.org/edonline/index.php/ethndis/article/view/975>.
2. Colley P, Mayer B, Seabrook J, Gilliland J. **The Impact of Canadian School Food Programs on Children's Nutrition and Health: A Systematic Review**. Can J Dietetic Pract Res. 2019;80(2):79-86. Available from: https://dcjournal.ca/doi/full/10.3148/cjdpr-2018-037?url_ver=Z39.88-2003&rfr_id=ori%3Arid%3Acrossref.org&rfr_dat=cr_pub%3Dpubmed&.
3. First Call: BC Child and Youth Advocacy Coalition. **BC Child Poverty Report Card - Regional Factsheets**. Vancouver BC: First Call: BC Child and Youth Advocacy Coalition; 2019. Available from: <https://still1in5.ca/regional-factsheets/>.
4. Government of Canada. **Canada's youth policy**. Ottawa, ON: Government of Canada; 2019 May. Available from: <https://www.canada.ca/en/youth/programs/policy.html>.
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6. Public Health Association of British Columbia. **Public Health Approaches & Practice in Complex Systems - Summer School 2019**. Vancouver, BC: PHABC; 2019; Available from: <https://phabc.org/wp-content/uploads/2019/05/Think-Piece-Summer-School-2019-.pdf>.
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SCREENING (tools, methods, school readiness, etc)

1. Gregory T, Engelhardt D, Lewkowicz A, Luddy S, Guhn M, Gadermann A, et al. **Validity of the Middle Years Development Instrument for Population Monitoring of Student Wellbeing in Australian School Children**. Child Indicators Research. 2019;12(3):873-99. Available from: <https://doi.org/10.1007/s12187-018-9562-3>.
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SOCIAL DETERMINANTS

1. Bishop K, Corkery L, editors. **Designing cities with children and young people. Beyond playgrounds and skate parks**. New York, NY: Routledge; 2017. Available from: <https://www.routledge.com/Designing-Cities-with-Children-and-Young-People-Beyond-Playgrounds-and-Bishop-Corkery/p/book/9781138890824>.
2. Bishop K, Marshall N, editors. **Handbook of People and Place in the 21st-century city**. New York, NY: Routledge; 2019. Available from: <https://www.routledge.com/The-Routledge-Handbook-of-People-and-Place-in-the-21st-Century-City-1st/Bishop-Marshall/p/book/9780815380948>.
3. Dreyer BP. **What Canada Can Teach Us About Addressing Childhood Poverty**. Pediatrics. 2019;143(6):e20190195. Available from: <https://pediatrics.aappublications.org/content/pediatrics/143/6/e20190195.full.pdf>.
4. Friendly M. A bad bargain for us all: Why the market doesn't deliver child care that works for Canadian children and families. 2019.
5. Kershaw P, Eaves S. **Straddling the Gap: A troubling portrait of home prices, earnings and affordability for younger Canadians**. Vancouver, BC: Generation Squeeze; 2019 Jun. Available from: https://d3n8a8pro7vnm.cloudfront.net/gensqueeze/pages/5293/attachments/original/1560279096/Straddling-the-Gap-2019_final.pdf?1560279096.
6. National Collaborating Centre for Determinants of Health. **NCCDH Webinar: Action on health equity through early childhood development programs, measurement and policy (2019)** Antigonish, NS: NCCDH; 2019 May. Available from: https://www.youtube.com/playlist?list=PLFvgvG0dOW24eFDdX9XBrwBWekQuJot21&mc_cid=8c24dfa536&mc_eid=04816d6ac3.

7. National Collaborating Centre for Determinants of Health. **Webinar: Communicating data for health equity action.** Antigonish, NS: NCCDH; 2019 Jan. Available from: http://nccdh.ca/workshops-events/entry/webinar-communicating-data-for-health-equity-action?mc_cid=8c24dfa536&mc_eid=04816d6ac3.
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9. Zandy M, Zhang LR, Kao D, Rajabali F, Turcotte K, Zheng A, et al. **Area-based socioeconomic disparities in mortality due to unintentional injury and youth suicide in British Columbia, 2009-2013.** Health Promot Chronic Dis Prev Can. 2019;39(2):35-44. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30767853>.

SOCIOEMOTIONAL

1. Cheang R, Gillions A, Sparkes E. **Do Mindfulness-Based Interventions Increase Empathy and Compassion in Children and Adolescents: A Systematic Review.** J Child Fam Stud. 2019;28(7):1765-79. Available from: <https://link.springer.com/article/10.1007/s10826-019-01413-9>.
2. Islam S, Small N, Bryant M, Bridges S, Hancock N, Dickerson J. **Assessing community readiness for early intervention programmes to promote social and emotional health in children.** Health Expectations: An International Journal Of Public Participation In Health Care And Health Policy. 2019;22(3):575-84. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1111/hex.12887>.

MEDIA (HELP general)

SPECIAL (Children's Environmental Health)

1. LaKind JS, Lehmann GM, Davis Matthew H, Hines EP, Marchitti SA, Alcalá C, et al. **Erratum: "Infant Dietary Exposures to Environmental Chemicals and Infant/Child Health: A Critical Assessment of the Literature".** Environ Health Perspect. 2019;127(5):059001. Available from: <https://doi.org/10.1289/EHP5392>.
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3. Olsen H, Kennedy E, Vanos J. **Shade provision in public playgrounds for thermal safety and sun protection: A case study across 100 play spaces in the United States.** Landscape & Urban Planning. 2019;189:200-11. Available from: <https://www.sciencedirect.com/science/article/pii/S0169204618309174>.
4. Pollard CM, Booth S. **Food Insecurity and Hunger in Rich Countries—It Is Time for Action against Inequality.** Int J Environ Res Public Health. 2019;16(10):1804. Available from: <https://www.mdpi.com/1660-4601/16/10/1804>.
5. Preuß M, Nieuwenhuijsen M, Marquez S, Cirach M, Dadvand P, Triguero-Mas M, et al. **Low Childhood Nature Exposure is Associated with Worse Mental Health in Adulthood.** Int J Environ Res Public Health. 2019;16(10):1809. Available from: <https://www.mdpi.com/1660-4601/16/10/1809>.
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- Observational Studies. *Int J Environ Res Public Health*. 2019;16(10):1839. Available from: <https://www.mdpi.com/1660-4601/16/10/1839>.
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