

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, Indigenous 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. Not all links are open access; some are abstract links where paid journal subscription is required. *HELP Reads* is posted monthly [here](#).

EDITOR PICKS

Evaluation of the web-based outside-play-ECE intervention to influence early childhood educators' attitudes and support behaviors toward outdoor play: randomized controlled trial.

Mariana Brussoni, Director, Human Early Learning Partnership, and co-authors

"The results of this randomized controlled trial demonstrated that the OutsidePlay-ECE intervention was effective and had a sustained effect in increasing ECE's and..." ... more



Children's play in natural environments and their development of microcultures: "We were born in the wilderness".

Michelle Bauer, Post-Doctoral Fellow, UBC, BC Injury Research and Prevention Unit, and co-authors

"We used narrative inquiry to explore how natural environments shaped..." ...more



Seven Cs for Tweens: design principles for children aged 10-13 in the urban landscape.

Susan Herrington, Professor, (Landscape Architecture) UBC, and co-authors

"The Seven Cs for Tweens principles include connectivity, community, cues, character, child agency, challenge, and comfort." ...more



Defying expectations: can we identify neighbourhoods with "other than expected" developmental outcomes?

Eric Duku, Associate Professor (Psychiatry and Behavioural Neurosciences) McMaster University, and co-authors

"Results showed that teachers randomized to Workplace Mindfulness Training reported less frequent bad moods at work and home, greater satisfaction at work and home."



Re-envisioning an early years system of care towards equity in Canada: a critical, rapid review.

Alison Gerlach, Assistant Professor (Child and Youth Care) UVIC, and co-authors

"Findings point the need for a comprehensive, integrative, and socially responsive early years system that has top-down political vision, leadership, and accountability..." ...more

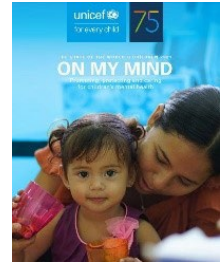


EDITOR PICKS

State of the world's children 2021. On my mind: promoting, protecting and caring for children's mental health

UNICEF

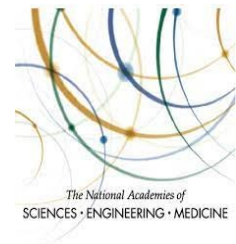
"This report examines child, adolescent and caregiver mental health...." ...more



Responding to the current. Youth mental health crisis and preventing the next one. Proceedings of a workshop-in brief.

The National Academies Science Engineering Medicine

"The National Academies' Forum for Children's Well-Being held a 3-day workshop in May 2022. This Proceedings of a Workshop-in Brief provides a high-level summary of the topics addressed in the workshop...." ...more



Raising Canada 2022 – top 10 threats to childhood in Canada.

Children First Canada

"Raising Canada 2022 underscores that children continue to feel the impact of the COVID-19 pandemic as it enters its third year. But they also face other challenges [...] Raising Canada 2022 is a call to action for everyone who would safeguard our children."



Health researchers launch Indigenous language resource.

Caitrin Pilkington, Cabin Radio

"The Institute for Circumpolar Health Research will celebrate a new online "word of the week" to help promote NWT languages."



Early Child Development Intercultural Partnership.

Jessica Ball, Professor (School of Child and Youth Care) UVIC

"Projects within ECDIP strengthen the capacity of families, communities and governments to innovate social, education and health policies and programs...." ...more



HUMAN DEVELOPMENT RESEARCH REVIEW

HELP FACULTY and AFFILIATE (selected publications)

1. Bauer MEE, Brussoni M, Han C. **Children’s play in natural environments and their development of microcultures: “We were born in the wilderness”**. Child Youth Environ. 2022;32(2):112=24. Available from: <https://muse.jhu.edu/article/863222/summary>.
2. Brussoni M, Han CS, Lin Y, Jacob J, Munday F, Zeni M, et al. **Evaluation of the web-based OutsidePlay-ECE Intervention to influence early childhood educators’ attitudes and supportive behaviors toward outdoor play: randomized controlled trial**. J Med Internet Res. 2022;24(6):e36826. Available from: <https://doi.org/10.2196/36826>
3. Duku E, Forer B, Pottruff M, Guhn M, Janus M. **Defying expectations: can we identify neighbourhoods with “other than expected” developmental outcomes?** Int J Pop Data Sci. 2022;7(3). Available from: <https://ijpds.org/article/view/1814>.
4. Duku E, Pottruff M, Janus M. **Creating and evaluating two cumulative developmental vulnerability risk measures**. Int J Pop Data Sci. 2022;7(3). Available from: <https://ijpds.org/article/view/1813>.
5. Hutton DA, Herrington S, Brussoni M. **Seven Cs for tweens: design principles for children aged 10-13 in the urban landscape**. Child Youth Environ. 2022;32(2):1-34. Available from: <https://muse.jhu.edu/article/863218/summary>.
6. Janus M, Sinclair J, Hove J, Davies S. **Building partnerships, capacity, and knowledge through a use of newly linked child development and education datasets in Ontario, Canada**. Int J Pop Data Sci. 2022;7(3). Available from: <https://ijpds.org/article/view/1942>.
7. Kerai S, Karim ME, Oberle E. **Community belonging and flourishing in youth: the role of positive coping and racial and ethnic identity**. ResearchSquare. 2022. Available from: <https://assets.researchsquare.com/files/rs-1895416/v1/35855f1b-b513-41fa-8888-cbdfdd0048d6.pdf?c=1661363108>.
8. Sahni PS, Rajyaguru CH, Narain K, Miedenbauer K, Kumar J, Schonert-Reichl KA. **Neural dynamics of nature empathy in children: an EEG/ERP study**. PsyArXiv. 2022. Available from: <https://psyarxiv.com/c3hrm/>.

HELP RESOURCES

1. Human Early Learning Partnership. **CHEQ is officially live – access the survey now!** Vancouver, BC: University of British Columbia, School of Population and Public Health; 2022 Sep. Available from: <https://earlylearning.ubc.ca/cheq-is-officially-live-access-the-survey-now/>.

BIOLOGY/NEUROBIOLOGY (“early experiences”)

1. Camacho S, Henderson SC. **The Social Determinants of Adverse Childhood Experiences: An Intersectional Analysis of Place, Access to Resources, and Compounding Effects**. Int J Environ Res Public Health. 2022;19(17):10670. Available from: <https://www.mdpi.com/1660-4601/19/17/10670>.
2. Sahni PS, Rajyaguru CH, Narain K, Miedenbauer K, Kumar J, Schonert-Reichl KA. **Neural dynamics of nature empathy in children: an EEG/ERP study**. PsyArXiv. 2022. Available from: <https://psyarxiv.com/c3hrm/>.

CHILDCARE, ECD SERVICES

1. Garon-Carrier G, Ansari A, Letarte M-J, Fitzpatrick C. **Early childcare enrollment and the pursuit of higher education: A Canadian longitudinal study.** Learning and Instruction. 2022;80:101615. Available from: <https://www.sciencedirect.com/science/article/pii/S0959475222000366>.
2. Szpunar M, Johnson AM, Driediger M, Burke SM, Irwin JD, Shelley J, et al. **Implementation Adherence and Perspectives of the Childcare Physical Activity (PLAY) Policy: A Process Evaluation.** Health Educ Behav. 2022;49(1):66-77. Available from: <https://journals.sagepub.com/doi/abs/10.1177/1090198121996285>.
3. Tugault-Lafleur CN, Naylor P-J, Carson V, Faulkner G, Lau EY, Wolfenden L, et al. **Does an active play standard change childcare physical activity and healthy eating policies? A natural policy experiment.** BMC Public Health. 2022;22(1):687. Available from: <https://doi.org/10.1186/s12889-022-13079-y>.

CHILD DEVELOPMENT (GENERAL)

1. Batool SH, Safdar M, Eman S. **Relationship between parents' health literacy and child health: systematic review.** Library Hi Tech. 2022;ahead-of-print(ahead-of-print). Available from: <https://doi.org/10.1108/LHT-11-2021-0398>.
2. Bruce P. **Ecological factors influencing the successful transition from early childhood to kindergarten : a case study.** Vancouver, BC: University of British Columbia; 2022. Available from: <https://open.library.ubc.ca/soa/cIRcle/collections/ubctheses/24/items/1.0412767>.
3. Jidovtseff B, Pirard F, Martin A, McCrorie P, Vidal A, Pools E. **Parental Assessment of Benefits and of Dangers Determines Children's Permission to Play Outdoors.** Int J Environ Res Public Health. 2022;19(18):11467. Available from: <https://www.mdpi.com/1660-4601/19/18/11467>.
4. White PA, Awad YA, Gauvin L, Spencer NJ, McGrath JJ, Clifford SA, et al. **Household income and maternal education in early childhood and risk of overweight and obesity in late childhood: Findings from seven birth cohort studies in six high-income countries.** Int J Obes. 2022;46(9):1703-11. Available from: <https://doi.org/10.1038/s41366-022-01171-7>.
5. Kail RV, Barnfield AMC. **Children and their development, Canadian Edition:** Pearson; 2022. Available from: <https://www.pearson.com/store/p/children-and-their-development-canadian-edition/P200000002690/9780136728238>.

Literacy

1. Barrette M, Boyer W, Naylor P-J, Harper N. **Defining a nature-based literacy: A research synthesis review of health-promoting literacies to promote nature engagement.** Journal of Adventure Education and Outdoor Learning. 2022;1-21. Available from: <https://doi.org/10.1080/14729679.2022.2067201>.
2. Cahill M, Ingram E. **Extratextual talk in public library storytime programs: a focus on questions.** J Early Childhood Res. 2022;1476718X221098662. Available from: <https://doi.org/10.1177/1476718X221098662>.
3. de Bondt MG, Bus AG. **Tracking the long-term effects of the Bookstart intervention: associations with temperament and book-reading habits.** Learning and Individual Differences. 2022;98:102199. Available from: <https://www.sciencedirect.com/science/article/pii/S1041608022000863>.
4. Fagan MK. **Children's access to books, libraries, and storybook reading: survey of mothers at a family homeless shelter.** Urban Education. 2022;00420859211073901. Available from: <https://doi.org/10.1177/00420859211073901>.

5. Hamilton FA, Hile KA. **On your mark, get set, explore! Promoting outdoor exploration for early learners across settings.** *Journal of Outdoor and Environmental Education*. 2022. Available from: <https://doi.org/10.1007/s42322-022-00112-2>.
6. Igarashi T, Koizumi M, Widdersheim MM. **Overcoming social divisions with the public library.** *Journal of Documentation*. 2022. Available from: <https://www.emerald.com/insight/content/doi/10.1108/JD-12-2021-0244/full/html>.
7. Kelly W, McGrath B, Hubbard D. **Starting from ‘scratch’: Building young people’s digital skills through a coding club collaboration with rural public libraries.** *Journal of Librarianship and Information Science*. 2022;09610006221090953. Available from: <https://doi.org/10.1177%2F09610006221090953>.
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ENVIRONMENTAL HEALTH

1. Asfeldt M, Purc-Stephenson R, Zimmerman T. **Outdoor education in Canadian public schools: connecting children and youth to people, place, and environment.** *Environmental Education Research*. 2022;28(10):1510-26. Available from: <https://doi.org/10.1080/13504622.2022.2061919>.
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INDIGENOUS

1. Eppeley K, Peterson SS, Wood J. **Representations of Indigenous and Non-Indigenous Rural Ways of Being in Picture Books for Children.** 2022. Available from: http://jolle.coe.uga.edu/wp-content/uploads/2022/04/Eppeley_JoLLE2022.pdf.
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3. Hummel B, Bierstone D, Newhook D, Jetty R. **Exploring the perspectives of caregivers of urban Inuit children on child health knowledge mobilisation.** Int J Circumpolar Health. 2022;81(1):2120174. Available from: <https://doi.org/10.1080/22423982.2022.2120174>.
4. Lavoie J, Stoor JP, Cueva K, Healey Akearok G, Rink E, Viskum Lytken Larsen C, et al. **Indigenous engagement in health research in Circumpolar countries: an analysis of existing ethical guidelines.** The International Indigenous Policy Journal. 2022;13(1):1-27. Available from: <https://doi.org/10.18584/iipj.2022.13.1.10928>.
5. Pilkington C. **Health researchers launch Indigenous language resource.** 2022 Aug 15. Available from: <https://cabinradio.ca/101882/news/arts/health-researchers-launch-indigenous-language-resource/>.
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MIDDLE YEARS

1. Hensums M, de Mooij B, Kuijper SC, Cross D, DeSmet A, Garandeanu CF, et al. **What Works for Whom in School-Based Anti-bullying Interventions? An Individual Participant Data Meta-analysis.** Prevention Science. 2022. Available from: <https://doi.org/10.1007/s11121-022-01387-z>.
2. Kerai S, Karim ME, Oberle E. **Community belonging and flourishing in youth: the role of positive coping and racial and ethnic identity.** ResearchSquare. 2022. Available from: <https://assets.researchsquare.com/files/rs-1895416/v1/35855f1b-b513-41fa-8888-cbdfdd0048d6.pdf?c=1661363108>.

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POLICY, PRACTICE, INTERVENTIONS

1. Brussoni M, Han CS, Lin Y, Jacob J, Munday F, Zeni M, et al. **Evaluation of the web-based OutsidePlay-ECE Intervention to influence early childhood educators' attitudes and supportive behaviors toward outdoor play: randomized controlled trial.** *J Med Internet Res.* 2022;24(6):e36826. Available from: <https://doi.org/10.2196/36826>
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7. UNICEF. **State of the World's Children 2021 . On My Mind: Promoting, protecting and caring for children's mental health.** . UNICEF; 2022 Jan. Available from: <https://www.unicef.org/reports/state-worlds-children-2021>.

SCREENING (tools, methods, school readiness, etc)

1. Duku E, Forer B, Pottruff M, Guhn M, Janus M. **Defying expectations: can we identify neighbourhoods with “other than expected” developmental outcomes?** *Int J Pop Data Sci.* 2022;7(3). Available from: <https://ijpds.org/article/view/1814>.
2. Duku E, Pottruff M, Janus M. **Creating and evaluating two cumulative developmental vulnerability risk measures.** *Int J Pop Data Sci.* 2022;7(3). Available from: <https://ijpds.org/article/view/1813>.

SOCIAL DETERMINANTS

1. Fuller AE, Zaffar N, Cohen E, Pentland M, Siddiqi A, Vandermorris A, et al. **Cash transfer programs and child health and family economic outcomes: a systematic review.** *Canadian Journal of Public Health.* 2022;113(3):433-45. Available from: <https://doi.org/10.17269/s41997-022-00610-2>.

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3. Shapiro SJ, Stanton J. **Canada After COVID-19: A Flourishing Community for Everyone?** In: Shultz IICJ, Rahtz DR, Sirgy MJ, editors. *Community, Economy and COVID-19: Lessons from Multi-Country Analyses of a Global Pandemic.* Cham: Springer International Publishing; 2022. p. 103-18. Available from: https://doi.org/10.1007/978-3-030-98152-5_5.

SOCIOEMOTIONAL

1. Smith K. **Bringing Hygge into the Early Years: A Step-by-Step Guide to Bring a Calm and Slow Approach to Your Teaching.** New York, NY: Routledge; 2022. Available from: <https://doi.org/10.4324/9781003189954>.

SPECIAL (COVID-19, media, other)

COVID-19

1. Dion J, Hamel C, Clermont C, Blackburn M-È, Hébert M, Paquette L, et al. **Changes in Canadian Adolescent Well-Being since the COVID-19 Pandemic: The Role of Prior Child Maltreatment.** *Int J Environ Res Public Health.* 2022;19(16):10172. Available from: <https://www.mdpi.com/1660-4601/19/16/10172>.
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3. Vaillancourt T, Szatmari P. **Child Development, Major Disruptive Events—Public Health Implications.** Oxford University Press; 2022.

The Human Early Learning Partnership is situated within the traditional, ancestral and unceded territory of the x^wməθk^wəy' əm (Musqueam) People.

For more information visit
www.earlylearning.ubc.ca/library/citations

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