

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, including social and emotional learning, social and environmental determinants of health, child care, and more. *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. 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

Congratulations to Dr. Mariana Brussoni, recipient of the 2024 Joe L. Frost Award for distinguished research from the US Play Coalition.

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

This award is given in recognition of a body of exceptional research that has enhanced and expanded the study of play.



Poverty, childhood experiences & well-being in BC [webinar-presentation slides]

Martin Guhn, Associate Professor, HELP, and Adrienne Montani, Provincial Coordinator, First Call

"This webinar featured discussion about the newly released [2023 BC Child Poverty Report Card](#) and the relationship between income inequality and children's daily experiences, development, and well-being."



Supporting adolescent well-being at school: integrating transformative social and emotional learning and trauma-informed education.

Jacqueline Maloney, PhD, and co-authors

"We propose a pragmatic theory of action for schools for implementing and evaluating..."



Early childhood education report.

Akbari E, McCuaig K, Mehta S. Atkinson Centre for Society and Child Development

"This report captures changes to early years services from March 2020 to March 2023. As such, it is able to assess the impact of the COVID-19 pandemic on service provision, as well as the funding and requirements of the [Canada-Wide Early Learning and Child Care Agreements](#)."



2024 Children and youth report card.

ParticipACTION

*"Overall physical activity grade D+. **39%** of children and youth (five to 17 years) in Canada met the recommendation of 60 minutes of moderate- to vigorous-intensity physical activity per day."*



#ChatSafe. Mental Health Commission of Canada

"#ChatSafe is an internationally renowned suicide prevention program that aims to empower and equip young people to communicate safely online about self-harm and suicide on social media and other digital platforms and empower their parents or caregivers to support them in communicating safely."



EDITOR PICKS

A focus on adolescent mental health and wellbeing in Europe, central Asia and Canada. Health Behaviour in School-aged Children international report from the 2021/2022 survey. Volume 1. Health Behaviour in School-aged Children (HBSC).

World Health Organization Regional Office for Europe

“This report focuses on adolescent mental health and wellbeing using the unique HBSC evidence on adolescents aged 11, 13 and 15 years across 44 countries. It describes...”



A focus on adolescent peer violence and bullying in Europe, central Asia and Canada. Health Behaviour in School-aged Children international report from the 2021/2022 survey. Volume 2. Health Behaviour in School-aged Children (HBSC).

World Health Organization Regional Office for Europe

“This report focuses on adolescent peer violence (bullying, cyberbullying and fighting) the role of gender, age and social inequality, and how adolescent bullying and fighting behaviour has changed over time.”



A focus on adolescent substance use in Europe, central Asia and Canada. Health Behaviour in School-aged Children international report from the 2021/2022 survey. Volume 3. Health Behaviour in School-aged Children (HBSC).

World Health Organization Regional Office for Europe

“This report focuses on adolescent substance use (cigarette smoking, electronic cigarette use, alcohol consumption, drunkenness and cannabis use), the role of gender, age and social inequality, and how adolescent substance use has changed over time.”



Left behind: inequalities in the negative impacts of the COVID-19 pandemic among adolescents in the WHO European Region: impact of the COVID-19 pandemic on young people’s health and well-being from the findings of the HBSC survey round 2021/2022.

World Health Organization Regional Office for Europe

“This report summarizes findings from the Health Behaviour in School-aged Children survey round 2021/2022 regarding the unequal impact of the COVID-19 pandemic on adolescents’ health and health behaviours in 22 countries and regions of the WHO European Region.”



For our future: Indigenous resilience report.

Canada in a Changing Climate – National Assessment

“This report draws on Indigenous knowledge, perspectives and experiences to explore the multidimensional and intersecting aspects of climate change impacts and adaptation.”



HUMAN DEVELOPMENT RESEARCH REVIEW

HELP FACULTY and AFFILIATE (selected publications)

1. Beno S, Brussoni M. **Episode #14- Dr. Suzanne Beno & Dr. Mariana Brussoni (Risky Play in Children)[webinar]**: Let's Move Canada; 2024. Available from: <https://www.youtube.com/watch?v=63m9d7err34>.
2. Guhn M, Montani A. **Poverty, childhood experiences & well-being in BC [webinar]**. Vancouver, BC: University of British Columbia, Faculty of Medicine, School of Population and Public Health, Human Early Learning Partnership; 2024 Apr 18. Available from: <https://earlylearning.ubc.ca/poverty-childhood-experiences-well-being-in-bc-webinar/>.
3. Maloney J, Whitehead J, Long D, Kaufmann J, Oberle E, Schonert-Reichl KA, et al. **Supporting adolescent well-being at school: integrating transformative social and emotional learning and trauma-informed education. Social and Emotional Learning: Research, Practice, and Policy**. 2024:100044. Available from: <https://www.sciencedirect.com/science/article/pii/S2773233924000184>.

HELP RESOURCES

1. Canadian Human Rights Commission. **Fast Talk on environmental racism in Canada**. Ottawa, ON: CHRC; 2024 Apr 22. Available from: <https://www.chrc-ccdp.gc.ca/en/resources/publications/fast-talk-environmental-racism-canada>.
2. UBC Communications. **Congratulations to Dr. Mariana Brussoni, recipient of the 2024 Joe L. Frost Award for distinguished research from the US Play Coalition**. Vancouver, BC: University of British Columbia, School of Population and Public Health; 2024 Apr 30. Available from: <https://spph.ubc.ca/mariana-brussoni-honoured-with-the-2024-joe-l-frost-award-for-distinguished-research-from-the-us-play-coalition/>.

1. CHILD DEVELOPMENT

1.i. General, Cognition

1. Lynch JD, Xu Y, Yolton K, Khoury JC, Chen A, Lanphear BP, et al. **Environmental predictors of children's executive functioning development**. Child Neuropsychol. 2024;30(4):615-35. Available from: <https://doi.org/10.1080/09297049.2023.2247603>.
2. Persson Wayne K, Löve J, Lercher P, Dzhambov AM, Klatt M, Schreckenber D, et al. **Adopting a child perspective for exposome research on mental health and cognitive development - Conceptualisation and opportunities**. Environ Res. 2023;239:117279. Available from: <https://www.sciencedirect.com/science/article/pii/S0013935123020832>.

1.ii. Communication, Language, Literacy

1. Ernst J, Stelley H. **Does Vocabulary Grow in Nature? Exploring the Impacts of Nature-Based Early Learning on Young Children's Receptive Vocabulary Development**. Child Youth Environ. 2024;34(1). Available from: <https://journals.uc.edu/index.php/cye/article/view/8351>.

2. Moeller R, Becnel K, Francis T, Hoyle M, Noblitt J. **Dandelions and Orchids: Finding Picture Books to Support Youth Facing Fear and Anxiety.** Children & Libraries. 2023;21. Available from: <https://journals.ala.org/index.php/cal/article/view/8105>.

1.iii. Socioemotional Learning, Other

1. Alban C, Decker C, Lawrence N, Mills E, Snyder-Fickler E, Uzun P. **Building resilience: nurturing social and emotional health in young children.** Durham, NC: Duke Sanford Center for Child & Family Policy; 2024 Jan. Available from: <https://childandfamilypolicy.duke.edu/wp-content/uploads/sites/2/2024/01/Building-Resilience-Research-Brief.pdf>.
2. Dussault M, Thompson RB. **Fundamental Themes in Social–Emotional Learning: A Theoretical Framework for Inclusivity.** Int J Environ Res Public Health. 2024;21(4):506. Available from: <https://www.mdpi.com/1660-4601/21/4/506>.

2. CHILD CARE, EDUCATION, PARTNERSHIPS

2.i. Connections, Hubs, Partnerships

1. Klingbaum A, Lipsey A, O’Neill K, Springboard Policy. **Caring in Canada. Survey insights from caregivers and care providers across Canada.** Toronto, ON: Canadian Centre for Caregiving Excellence; 2024 May. Available from: https://canadiancaregiving.org/wp-content/uploads/2024/04/CCCE_Caring-in-Canada.pdf.
2. Klingbaum A, Lipsey A, O’Neill K, Springboard Policy. **Caring in Canada. Survey insights from caregivers and care providers across Canada. Executive summary.** Toronto, ON: Canadian Centre for Caregiving Excellence; 2024 May. Available from: https://canadiancaregiving.org/wp-content/uploads/2024/04/CCCE_Caring-in-Canada_Executive-Summary.pdf.
3. Shariati A. **Addressing the early childhood educators labour shortage in canada: challenges, solutions, and impacts.** Centre for the Study of Living Standards, prepared for the YMCA; 2024 May. Available from: <https://www.csls.ca/reports/csls2024-02.pdf>.

2.ii. Initiatives, Interventions

1. Institute for Disability Research PP. **What is Early Intervention and Why is it Important** Logan, UT: Utah State University, Emma Eccles Jones College of Education & Human Services, Institute for Disability Research, Policy & Practice; 2024 Jan. Available from: <https://idrpp.usu.edu/files/policy/what-is-EI-why-important-for-web.pdf>.
2. Office of the Auditor General of Nova Scotia. **Health, Safety and Well-Being of Children Placed in Temporary Emergency Arrangements and Child and Youth Care Homes.** Halifax, NS: Office of the Auditor General of Nova Scotia; 2024 May. Available from: <https://oag-ns.ca/audit-reports/health-safety-and-well-being-children-placed-temporary-emergency-arrangements-and>.

2.iii. Programs, Services, Other

1. Akbari E, McCuaig K, Mehta S. **Early Childhood Education Report**. Toronto, ON: Atkinson Centre for Society and Child Development at the Ontario Institute for Studies in Education/University of Toronto and the Abilio — Childhood Knowledge Dissemination Centre; 2024. Available from: <https://ecereport.ca/en/overview/>.
2. Canadian Partnership for Children’s Health and Environment (CPCHE), Canadian Environmental Law Association (CELA). **An Environmental Scan of Indoor Air Quality Support Programs for Schools and Child Care Settings in Canada**. Toronto, ON; 2024. Available from: <https://healthyenvironmentforkids.ca/held/2024-campaign-indoor-air-quality/2024-environmental-scan/>.
3. Schoch AD, Gerson CS, Halle T, Bredeson M. **Children’s Learning and Development Benefits from High-Quality Early Care and Education: A Summary of the Evidence**. Washington, DC: OPRE Report #2023-226. Office of Planning, Research, and Evaluation, Administration for Children and Families, U.S. Department of Health and Human Services; 2023 Aug. Available from: <https://www.acf.hhs.gov/opre/report/childrens-learning-and-development-benefits-high-quality-early-care-and-education>.

3. EARLY ENVIRONMENTS

3.i. Biological Sensitivity to Context, Cortisol, Epigenetic

1. Qu G, Ma S, Liu H, Han T, Zhang H, Ding X, et al. **Positive childhood experiences can moderate the impact of adverse childhood experiences on adolescent depression and anxiety: Results from a cross-sectional survey**. *Child Abuse Negl.* 2022;125:105511. Available from: <https://www.sciencedirect.com/science/article/pii/S0145213422000308>.

3.ii. Adversity, Resilience

1. Vergunst F, Vitaro F, Brendgen M, Larose M-P, Girard A, Tremblay RE, et al. **Mechanisms and pathways linking kindergarten behavior problems with mid-life employment earnings for males from low-income neighborhoods**. *Child Dev.* 2024;95(1):208-22. Available from: <https://srcd.onlinelibrary.wiley.com/doi/abs/10.1111/cdev.13967>.

3.iii. Other

1. Nigro SE, Peugh J, Yolton K, Chen A, Lanphear BP, Beebe D. **Early childhood sleep quantity, but not caregiver-reported sleep problems, predicts impulse control in children at age 8 years**. *Child Neuropsychol.* 2024;30(4):602-14. Available from: <https://doi.org/10.1080/09297049.2023.2247602>.

4. ENVIRONMENTAL HEALTH

4.i. Climate Change

1. Ahdoot S, Baum CR, Cataletto MB, Hogan P, Wu CB, Bernstein A, et al. **Climate change and children’s health: building a healthy future for every child.** *Pediatrics*. 2024;153(3). Available from: <https://doi.org/10.1542/peds.2023-065504>.
2. Early Childhood Scientific Council on Equity and the Environment. **Extreme heat affects early childhood development and health.** Cambridge, MA: Harvard University; 2023 Mar. Available from: <https://harvardcenter.wpenginpowered.com/wp-content/uploads/2023/03/ECSCCE-Heat-Action-Guide-compressed.pdf>.
3. Early Childhood Scientific Council on Equity and the Environment. **An action guide for policy. Extreme Heat Affects Early Childhood Development and Health.** Cambridge, MA: Harvard University; 2024 Jan. Available from: <https://developingchild.harvard.edu/resources/heat-paper/>.

4.ii. Urban Design, Child Friendly Cities, Rural, Greenspace

1. de la Osa N, Navarro J-B, Penelo E, Valentí A, Ezpeleta L, Dadvand P. **Long-term exposure to greenspace and anxiety from preschool and primary school children.** *J Environ Psychol*. 2024;93:102207. Available from: <https://www.sciencedirect.com/science/article/pii/S0272494423002554>.

4.iii. Exposures, Other

1. Boyland E, Backholer K, Potvin Kent M, Bragg MA, Sing F, Karupaiah T, et al. **Unhealthy Food and Beverage Marketing to Children in the Digital Age: Global Research and Policy Challenges and Priorities.** *Annu Rev Nutr*. 2024. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/38631811>.
2. Hood RB, Moyd S, Hoffman S, Chow SS, Tan Y, Bhanushali P, et al. **Metabolomics Application in Understanding the Link Between Air Pollution and Infant Health Outcomes: A Narrative Review.** *Current Pollution Reports*. 2024. Available from: <https://doi.org/10.1007/s40726-024-00313-x>.
3. Roche IV, Ubalde-Lopez M, Daher C, Nieuwenhuijsen M, Gascon M. **The Health-Related and Learning Performance Effects of Air Pollution and Other Urban-Related Environmental Factors on School-Age Children and Adolescents-A Scoping Review of Systematic Reviews.** *Curr Environ Health Rep*. 2024;11(2):300-16. Available from: <https://doi.org/10.1007/s40572-024-00431-0>.

5. MENTAL HEALTH

5.i. Happiness, Wellbeing, Distress

1. Cosma A, Abdrakhmanova S, Diana Taut KS, Catunda C, Schnohr C. **A focus on adolescent mental health and wellbeing in Europe, central Asia and Canada.** *Health Behaviour in School-aged Children international report*

- from the 2021/2022 survey. **Volume 1.** Health Behaviour in School-aged Children (HBSC). Copenhagen: World Health Organization Regional Office for Europe; 2023 Oct 10. Available from: <https://www.who.int/europe/publications/i/item/9789289060356>.
2. Cosma A, Molcho M, Pickett W. **A focus on adolescent peer violence and bullying in Europe, central Asia and Canada. Health Behaviour in School-aged Children international report from the 2021/2022 survey. Volume 2.** Health Behaviour in School-aged Children (HBSC). Copenhagen: World Health Organization Regional Office for Europe; 2024 Mar 27. Available from: <https://www.who.int/europe/publications/i/item/9789289060929>.
 3. Maloney J, Whitehead J, Long D, Kaufmann J, Oberle E, Schonert-Reichl KA, et al. **Supporting adolescent well-being at school: integrating transformative social and emotional learning and trauma-informed education. Social and Emotional Learning: Research, Practice, and Policy.** 2024:100044. Available from: <https://www.sciencedirect.com/science/article/pii/S2773233924000184>.
 4. Mental Health and Climate Change Alliance. **Developing tools to help people talk about climate change in a trauma-informed, mental health-aware way.** MHCCA. Available from: <https://mhcca.ca/tacc-recruitment>.
 5. Mental Health Commission of Canada. **#ChatSafe – New guidelines released for young people and parents/caregivers for online communications pertaining to self-harm and suicide.** Ottawa, ON: Mental Health Commission of Canada; 2024 May. Available from: <https://mentalhealthcommission.ca/news-releases/70701-chatsafe-new-guidelines-released-for-young-people-and-parents-caregivers-for-online-communications-pertaining-to-self-harm-and-suicide/>.
 6. Mental Health Commission of Canada. **#ChatSafe.** Ottawa, ON: Mental Health Commission of Canada; 2024 May. Available from: <https://mentalhealthcommission.ca/resource/chatsafe-a-young-persons-guide-to-communicating-safely-online-about-self-harm-and-suicide/>.

5.ii. Sleep, Screentime

1. Campbell M, Edwards EJ. **We Looked At All The Recent Evidence On Mobile Phone Bans In Schools – This Is What We Found.** 2024 [Mar 11]; Available from: <https://theconversation.com/we-looked-at-all-the-recent-evidence-on-mobile-phone-bans-in-schools-this-is-what-we-found-224848>.
2. O'Malley O. **Teenagers' screen time has dropped post-pandemic: Montreal Public Health.** CTV News Montreal. 2024 Apr 16. Available from: <https://montreal.ctvnews.ca/teenagers-screen-time-has-dropped-post-pandemic-montreal-public-health-1.6849761>.
3. Paquin V, Ferrari M, Rej S, Boivin M, Ouellet-Morin I, Geoffroy M-C, et al. **Trajectories of Adolescent Media Use and their Associations with Psychotic Experiences.** CrimRxiv. 2024. Available from: <https://www.crimrxiv.com/pub/qpi7b0c9/release/1>.

5.iii. Healthy Habits, Substance Use, Other

1. Arafa A, Yasui Y, Kokubo Y, Kato Y, Matsumoto C, Teramoto M, et al. **Lifestyle Behaviors of Childhood and Adolescence: Contributing Factors, Health Consequences, and Potential Interventions.** Am J Lifestyle Med. 2024:15598276241245941. Available from: <https://doi.org/10.1177/15598276241245941>.
2. Charrier L, Dorsselaer Sv, Canale N, Baska T, Kilibarda B, Comoretto RI, et al. **A focus on adolescent substance use in Europe, central Asia and Canada. Health Behaviour in School-aged Children international report from the 2021/2022 survey. Volume 3.** Health Behaviour in School-aged Children (HBSC). Copenhagen: World

- Health Organization Regional Office for Europe; 2024 Apr 25. Available from:
<https://www.who.int/europe/publications/i/item/9789289060936>.
- Hopkinson NS, Vrinten C, Parnham JC, Radó MK, Filippidis F, Vamos EP, et al. **Association of time spent on social media with youth cigarette smoking and e-cigarette use in the UK: a national longitudinal study**. *Thorax*. 2024;thorax-2023-220569. Available from:
<https://thorax.bmj.com/content/thoraxjnl/early/2024/04/18/thorax-2023-220569.full.pdf>.
 - Schwartz C, Barican J, White O, Tang J, Gray-Grant D, Waddell C. **Preventing problematic opioid use for young people**. *Children's Health Policy Centre Quarterly*. 2024;18(2). Available from:
<https://childhealthpolicy.ca/wp-content/uploads/2024/04/RQ-18-24-spring.pdf>.

6. PHYSICAL HEALTH, MOBILITY

6.i. Active Transportation

- Thompson CM, Collins PA, Frohlich KL. **Promoting children's health through community-led street interventions: analyzing sustained voluntarism in Canadian School Streets**. *BMC Public Health*. 2024;24(1):1011. Available from: <https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-024-18531-9>.

6.ii. Activities, Sports

- Chiang H-L, Chuang Y-F, Chen Y-A, Hsu C-T, Ho C-C, Hsu H-T, et al. **Physical Fitness and Risk of Mental Disorders in Children and Adolescents**. *JAMA Pediatrics*. 2024. Available from:
<https://doi.org/10.1001/jamapediatrics.2024.0806>.
- Haug E, Smith ORF, Ng K, Samdal O, Marques A, Borraccino A, et al. **Family structure and the association with physical activity-Findings from 40 countries participating in the Health Behaviour in School-aged Children (HBSC) study**. *PLoS One*. 2024;19(4):e0300188. Available from:
<https://doi.org/10.1371/journal.pone.0300188>.
- Ontario Agency for Health Protection and Promotion (Public Health Ontario). **Injuries among Children using the Canadian Health Survey on Children and Youth. Enhanced epidemiological summary**. 2nd ed. Toronto, ON: King's Printer for Ontario; 2024 Apr. Available from: https://www.publichealthontario.ca/-/media/Documents/l/2023/injuries-among-children-using-chscy.pdf?rev=45753076725949ed8e35e6e519ed8cce&sc_lang=en.
- ParticipACTION. **2024 Children & Youth Report Card**. Toronto, ON: ParticipACTION; 2024 May. Available from:
<https://www.participaction.com/the-science/children-and-youth-report-card/>.
- Zhang D, Soh KG, Chan YM, Zaremohzzabieh Z. **Effect of intervention programs to promote fundamental motor skills among typically developing children: A systematic review and meta-analysis**. *Child Youth Serv Rev*. 2024;156:107320. Available from:
<https://www.sciencedirect.com/science/article/pii/S0190740923005169>.

6.iii. Outdoor Play, Independent Mobility, Other

7. EQUITY, DIVERSITY, INCLUSION, INDIGENIZATION

7.i. Indigenous

1. Indigenous Relations and Reconciliation. **Historic B.C. legislation introduced recognizing Haida Aboriginal title.** Victoria, BC: Government of BC; 2024 Apr 22. Available from: <https://news.gov.bc.ca/releases/2024IRR0020-000610>.
2. Johnson SR, Chilibeck P, Oosman SN, Foulds HJA. **A scoping review of Indigenous community-specific physical activity measures developed with and for Indigenous Peoples in Canada, Australia, and New Zealand.** Appl Physiol Nutr Metab. 2024;49(5):599-613. Available from: <https://doi.org/10.1139/apnm-2023-0380>.
3. Reed G, Fox S, Littlechild D, McGregor D, Lewis D, Popp J, et al. **For Our Future: Indigenous Resilience Report. [Canada in a Changing Climate - National Assessment].** Ottawa, ON: Government of Canada, Climate Change Impacts and Adaptation Division; 2024 May. Available from: <https://changingclimate.ca/indigenous-resilience/>.

7.ii. Diverse Populations (BIPOC, LGBTQIA2S+, Immigrant, Refugee, People with Disabilities, Autism, Low Income...)

1. Heller J, Givens M, Johnson S, Kindig D. **Keeping it political and powerful: Defining the structural determinants of health.** Antigonish, NS: National Collaborating Centre for Determinants of Health, St. Francis Xavier University; 2024. Available from: <https://nccdh.ca/resources/entry/keeping-it-political-and-powerful-defining-the-structural-determinants-of-health>.
2. Ma Y, Liu M, Liu Y, Liu D, Hou M. **Exploring Physical Activity in Children and Adolescents with Disabilities: A Bibliometric Review of Current Status, Guidelines, Perceived Barriers, and Facilitators and Future Directions.** Healthcare. 2024;12:NA. Available from: <http://dx.doi.org/10.3390/healthcare12090934>.
3. Sharifi V, Dimitropoulos G, Williams JVA, Rao S, Pedram P, Bulloch AGM, et al. **Neighborhood material versus social deprivation in Canada: different patterns of associations with child and adolescent mental health problems.** Soc Psychiatry Psychiatr Epidemiol. 2024. Available from: <https://doi.org/10.1007/s00127-024-02681-7>.

7.iii. Place Matters, Other

1. Bezzo FB, Vanhuyse P. **Better to Grow Up Poor in a Richer Place? Social Housing, Neighbourhood Comparisons, and English Teenagers' Well-Being.** J Happiness Studies. 2024;25(3):1-20. Available from: <https://link.springer.com/article/10.1007/s10902-024-00740-z>.
2. Health Behaviour in School-aged Children (HBSC). **Left behind: inequalities in the negative impacts of the COVID-19 pandemic among adolescents in the WHO European Region: impact of the COVID-19 pandemic on young people's health and well-being from the findings of the HBSC survey round 2021/2022.** Copenhagen: World Health Organization Regional Office for Europe; 2023 Dec 20. Available from: <https://www.who.int/europe/publications/i/item/WHO-EURO-2023-8920-48692-72363>.

8. SOCIAL DETERMINANTS, SOCIAL GRADIENT, PUBLIC POLICY

8.i. Education, Income (poverty)

1. Bhaktaram A, Kress AM, Li Z, Knapp EA. **Unpacking Neighborhood Socioeconomic Status in Children’s Health Research from an Environmental Justice Perspective: A Scoping Review**. Current Environmental Health Reports. 2024. Available from: <https://doi.org/10.1007/s40572-024-00445-8>.
2. Weissman DG, Hatzenbuehler ML, Cikara M, McLaughlin KA, Barch DM. **Social Safety Net Mitigates the Impact of Poverty on Brain Development and Mental Health**. Davis, CA: Center for Poverty and Inequality Research, University of California; 2024. Available from: <https://poverty.ucdavis.edu/post/social-safety-net-mitigates-impact-poverty-brain-development-and-mental-health>.

8.ii. Housing, Food Security, Family Policy

1. Petit G. **Improving Access to Food and Essential Needs: Options for a More Generous Cash-Transfer Benefit**. Ottawa, ON: Institute for Research on Public Policy; 2024 Apr 11. Available from: <https://irpp.org/research-studies/improving-access-to-food-and-essential-needs/>.

8.iii. Proportionate Universality, Other

1. Nguyen TM, Tonmukayakul U, Khanh-Dao Le L, Singh A, Lal A, Ananthapavan J, et al. **Modeled health economic and equity impact on dental caries and health outcomes from a 20% sugar sweetened beverages tax in Australia**. Health Econ. 2023;32(11):2568-82. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1002/hec.4739>.

9. COMPASSIONATE SYSTEMS, TOOLS, OTHER

9.i. Leadership

1. Center for Systems Awareness. **How to Hold Space: Compassionate Systems Facilitation for Cultivating Generative Social Fields**. North Andover, MA: Center for Systems Awareness; 2024. Available from: https://systemsawareness.org/program/how_to_hold_space_classof2024-25/.

9.ii. Measurement, Monitoring, Screening

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The Human Early Learning Partnership is situated within the traditional, ancestral and unceded territory of the x^w məθk^w əy’ əm (Musqueam) People.

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