

PUBLICATIONS AND RESEARCH

JUNE 2017 – MAR 2018



Faculty, Affiliated Scholar, Staff, and Student Research

HUMAN EARLY LEARNING PARTNERSHIP

School of Population and Public Health
Faculty of Medicine
University of British Columbia

TABLE OF CONTENTS

Introduction	3
Aboriginal	4
Biology of Early Development	4
General	
Social Epigenetics (genes, DNA expression, etc)	
Prenatal Exposures, Stress	
Cortisol Levels, Pre-Term, etc.	
Community Systems	6
Child Development and Developmental Monitoring	6
(Note: Separate listings are available for subsections here)	
Early Years	
Middle Years	
Policy, Outcomes, and Additional Research	7
General (child care, hearing, dental, autism, and more)	
Generation Squeeze, Family Policy	
Health, Health Services and Delivery	7
General	
Socioemotional	7
Supporting Research	8
General	
Statistics, Modeling, Measurement	
Map Sets, Community Summaries	8
Middle Years Development Instrument	
Newsletters	9
Videos, Webinars	10
Media (newspaper, broadcast, blog, etc.)	11

Introduction

The Human Early Learning Partnership (HELP) is a collaborative, interdisciplinary research network, based at the [School of Population and Public Health](#) at the University of British Columbia. HELP's unique partnership weaves many scientific viewpoints to address complex early child development (ECD) issues. HELP connects researchers and practitioners from communities and institutions across British Columbia, Canada, and internationally. HELP's interdisciplinary approach reaches across society to cell¹ and its program of research emphasizes the human development spectrum.

This sixth edition of our annual research publications catalogue demonstrates the breadth and depth of our organization's engagement in research and scholarship. HELP faculty members are committed to the integration of research and teaching and they work with a network of researchers and students from British Columbia, Canada, and around the world to inform, engage, and facilitate action to ultimately help children and families thrive.

This catalogue highlights scholarly activities and achievements in 2017-2018 of the HELP team, affiliated scholars and researchers. It is organized by topic and is designed to allow readers to identify more easily the contribution of HELP to collective child development research. The listed publications cover a variety of disciplines and topics and, in many instances, reflect new and interesting collaborations across disciplines. This does not claim to be a comprehensive listing of all peer reviewed publications for faculty, affiliate, students, and staff, although it aims to provide a useful representation of research published. This catalogue should help inform our communities, government and colleagues about the research undertaken through HELP. If you wish to seek further information about HELP research or activities, I invite you to contact our Deputy Director, Pippa Rowcliffe, or our faculty directly.

Michele Wiens
Senior Manager, Knowledge Management
Human Early Learning Partnership

Pippa Rowcliffe
Deputy Director
Human Early Learning Partnership

¹ For more on the "society to cell" approach, see <http://www.med.ubc.ca/michael-kobor-epigenetics/>.

Aboriginal

1. Gerlach AJ, Browne AJ, Sinha V, Elliott D. **Navigating structural violence with indigenous families: the contested terrain of early childhood intervention and the child welfare system in Canada.** International Indigenous Policy Journal. 2017;8(3). Available from: <http://ir.lib.uwo.ca/cgi/viewcontent.cgi?article=1356&context=iipj>.
2. Gerlach A. **Exploring socially-responsive approaches to children's rehabilitation with Indigenous communities, families and children.** Prince George, BC: National Collaborating Center for Aboriginal Health; 2018 Mar. Available from: https://www.cnsa-nccah.ca/495/Exploring_socially-responsive_approaches_to_children%E2%80%99s_rehabilitation_with_Indigenous_communities_families_and_children.nccah?id=235.

Biology of Early Development

GENERAL

1. Zaidman-Zait A, Mirenda P, Duku E, Vaillancourt T, Smith IM, Szatmari P, et al. **Impact of personal and social resources on parenting stress in mothers of children with autism spectrum disorder.** Autism. 2017;21(2):155-66. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27091948>.

SOCIAL EPIGENETICS (genes, DNA expression, etc)

1. Clifford RL, Jones MJ, MacIsaac JL, McEwen LM, Goodman SJ, Mostafavi S, et al. **Inhalation of diesel exhaust and allergen alters human bronchial epithelium DNA methylation.** J Allergy Clin Immunol. 2017;139(1):112-21. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27321436>.
2. Edgar RD, Jones MJ, Meaney MJ, Turecki G, Kobor MS. **BECon: A tool for interpreting DNA methylation findings from blood in the context of brain.** bioRxiv. 2017. Available from: <http://biorxiv.org/content/biorxiv/early/2017/02/25/111609.full.pdf>.
3. Edgar RD, Jones MJ, Robinson WP, Kobor MS. **An empirically driven data reduction method on the human 450K methylation array to remove tissue specific non-variable CpGs.** Clin Epigenetics. 2017;9:11. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28184257>.
4. Girchenko P, Lahti J, Czamara D, Knight AK, Jones MJ, Suarez A, et al. **Associations between maternal risk factors of adverse pregnancy and birth outcomes and the offspring epigenetic clock of gestational age at birth.** Clin Epigenetics. 2017;9(1):49. Available from: <http://dx.doi.org/10.1186/s13148-017-0349-z>.
5. Gref A, Merid SK, Gruzieva O, Ballereau S, Becker A, Bellander T, et al. **Genome-wide interaction analysis of air pollution exposure and childhood asthma with functional follow-up.** Am J Respir Crit Care Med. 2017;195(10):1373-83. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27901618>.
6. Leung JM, Fishbane N, Jones M, Morin A, Xu S, Liu JC, et al. **Longitudinal study of surrogate aging measures during human immunodeficiency virus seroconversion.** Aging (Albany NY). 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28237978>.
7. Lin X, Lim IY, Wu Y, Teh AL, Chen L, Aris IM, et al. **Developmental pathways to adiposity begin before birth and are influenced by genotype, prenatal environment and epigenome.** BMC Med. 2017;15(1):50. Available from: <http://dx.doi.org/10.1186/s12916-017-0800-1>.
8. Lin X, Teh AL, Chen L, Lim IY, Tan PF, MacIsaac JL, et al. **Choice of surrogate tissue influences neonatal EWAS findings.** BMC Med. 2017;15(1):211. Available from: <https://doi.org/10.1186/s12916-017-0970-x>.

9. Lussier AA, Weinberg J, Kobor MS. **Epigenetics studies of fetal alcohol spectrum disorder: where are we now?** Epigenomics. 2017;9(3):291-311. Available from: <http://www.futuremedicine.com/doi/abs/10.2217/epi-2016-0163>.
10. McDade TW, Ryan C, Jones MJ, MacIsaac JL, Morin AM, Meyer JM, et al. **Social and physical environments early in development predict DNA methylation of inflammatory genes in young adulthood.** Proc Natl Acad Sci U S A. 2017;114(29):7611-6. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28673994>.
11. McEwen LM, Goodman SJ, Kobor MS, Jones MJ. **The DNA methylome: an interface between the environment, immunity, and ageing.** In: Bueno V, Lord JM, Jackson TA, editors. The Ageing Immune System and Health. Cham: Springer International Publishing; 2017. p. 35-52. Available from: http://dx.doi.org/10.1007/978-3-319-43365-3_3.
12. Moore SR, McEwen LM, Quirt J, Morin A, Mah SM, Barr RG, et al. **Epigenetic correlates of neonatal contact in humans.** Development and Psychopathology. 2017;29(5):1517-38. Available from: <https://www.cambridge.org/core/article/epigenetic-correlates-of-neonatal-contact-in-humans/9BD9799A7C6E0859B93E092EA0727A4B>.
13. Morin AM, Gatev E, McEwen LM, MacIsaac JL, Lin DTS, Koen N, et al. **Maternal blood contamination of collected cord blood can be identified using DNA methylation at three CpGs.** Clin Epigenetics. 2017;9:75. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28770015/>.
14. North ML, Jones MJ, MacIsaac JL, Morin AM, Steacy LM, Gregor A, et al. **Blood and nasal epigenetics correlate to allergic rhinitis symptom development in the environmental exposure unit.** Allergy. 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28755526>.
15. Novoa CA, Chang EY-C, Aristizabal MJ, Coulombe Y, Segovia R, Shen Y, et al. **Conserved roles of RECQ-like helicases Sgs1 and BLM in preventing R-loop induced genome instability.** bioRxiv. 2017. Available from: <http://biorxiv.org/content/biorxiv/early/2017/03/23/119677.full.pdf>.
16. Verschoor CP, McEwen LM, Kohli V, Wolfson C, Bowdish DM, Raina P, et al. **The relation between DNA methylation patterns and serum cytokine levels in community-dwelling adults: a preliminary study.** BMC Genet. 2017;18(1):57. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28637423>.
17. Xinyi L, Lim IY, Yonghui W, Ai Ling T, Li C, Aris IM, et al. **Developmental pathways to adiposity begin before birth and are influenced by genotype, prenatal environment and epigenome.** BMC Med. 2017;15:1-18. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28264723>.
18. Jones MJ, Moore SR, Kobor MS. **Principles and challenges of applying epigenetic epidemiology to psychology.** Annu Rev Psychol. 2018;69(1). Available from: <http://www.annualreviews.org/doi/abs/10.1146/annurev-psych-122414-033653>.
19. Lussier AA, Islam SA, Kobor MS. **Chapter 7 - Epigenetics and genetics of development.** The neurobiology of brain and behavioral development: Academic Press; 2018. p. 153-210. Available from: <https://www.sciencedirect.com/science/article/pii/B9780128040362000078>.
20. 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>.
21. 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>.

PRENATAL EXPOSURES, STRESS

1. Brummelte S, Mc Glanaghy E, Bonnin A, Oberlander TF. **Developmental changes in serotonin signaling: implications for early brain function, behavior and adaptation.** Neuroscience. 2017;342:212-31. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/26905950>.
2. Malavolti AM, Chau V, Brown-Lum M, Poskitt KJ, Brant R, Synnes A, et al. **Association between corpus callosum development on magnetic resonance imaging and diffusion tensor imaging, and neurodevelopmental**

- outcome in neonates born very preterm.** *Dev Med Child Neurol.* 2017;59(4):433-40. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27976377>.
- Podrebarac SK, Duerden EG, Chau V, Grunau RE, Synnes A, Oberlander TF, et al. **Antenatal exposure to antidepressants is associated with altered brain development in very preterm-born neonates.** *Neuroscience.* 2017;342:252-62. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27890829>.
 - Rotem-Kohavi N, Oberlander TF. **Variations in neurodevelopmental outcomes in children with prenatal SSRI antidepressant exposure.** *Birth Defects Res.* 2017;109(12):909-23. Available from: <http://onlinelibrary.wiley.com/doi/10.1002/bdr2.1076/abstract>.

CORTISOL LEVELS, PRE-TERM, and more.

- Oberle E, McLachlan K, Catherine NLA, Brain U, Schonert-Reichl KA, Weinberg J, et al. **Afternoon cortisol provides a link between self-regulated anger and peer-reported aggression in typically developing children in the school context.** *Dev Psychobiol.* 2017. Available from: <http://dx.doi.org/10.1002/dev.21522>.

Community Systems

- Saegert S, Carpiano RM. **Social support and social capital: a theoretical synthesis using community psychology and community sociology approaches.** In: Bond MA, Serrano-García I, Keys CB, Shinn M, editors. *APA handbook of community psychology: Theoretical foundations, core concepts, and emerging challenges*, Vol 1. Washington, DC, US: American Psychological Association; 2017. p. 295-314.

Child Development and Developmental Monitoring

Please note that separate listings for the Early Development (EDI), Middle Development (MDI), and Toddler Development (TDI) papers are available at: <http://earlylearning.ubc.ca/library/>

EARLY YEARS

- Roubinov DS, Boyce WT. **Parenting and SES: relative values or enduring principles?** *Curr Opin Psychol.* 2017;15:162-7. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28503655>.
- Webb S, Janus M, Duku E, Raos R, Brownell M, Forer B, et al. **Neighbourhood socioeconomic status indices and early childhood development.** *SSM - Population Health.* 2017;3:48-56. Available from: <http://www.sciencedirect.com/science/article/pii/S2352827316301513>.

MIDDLE YEARS

- Thomson KC, Oberle E, Gadermann AM, Guhn M, Rowcliffe P, Schonert-Reichl KA. **Measuring social-emotional development in middle childhood: The Middle Years Development Instrument.** *Journal of Applied Developmental Psychology.* 2017. Available from: <http://www.sciencedirect.com/science/article/pii/S0193397316301496>.

TODDLER YEARS

1. Olvera Astivia OL, Forer B, Dueker GL, Cowling C, Guhn M. **The Ages and Stages Questionnaire: Latent factor structure and growth of latent mean scores over time.** Early Hum Dev. 2017;115:99-109. Available from: <http://www.sciencedirect.com/science/article/pii/S037837821730292X>.

Policy, Outcomes, and Additional Research

GENERAL (child care, hearing, dental, autism, and more)

1. Gagné MH, Schonert-Reichl K, Costigan C, Guhn M, Shapka JD. **Factors predicting the stratified academic achievement trajectories of foreign-born Canadian adolescents: a population-based study.** Applied Developmental Science. 2018:1-18. Available from: <http://www.tandfonline.com/doi/full/10.1080/10888691.2017.1418668>.

GENERATION SQUEEZE, FAMILY POLICY

1. Kershaw P. **The need for health in all policies in Canada.** CMAJ. 2018;190(3):E64-E5. Available from: <http://www.cmaj.ca/content/190/3/E64>.

Health, Health Services and Delivery

GENERAL

1. Emerson SD, Minh A, Guhn M. **Ethnic density of regions and psychiatric disorders among ethnic minority individuals.** Int J Soc Psychiatry. 2018;64(2):130-44. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29251060>.

Socioemotional

1. Collaborative for Academic Social and Emotional Learning. **Summary "Promoting positive youth development through school-based social and emotional learning interventions: a meta-analysis of follow-up effects".** Chicago, IL: CASEL; 2017. Available from: <http://www.casel.org/wp-content/uploads/2017/07/2017-META-ANALYSIS-SUMMARY-final2.pdf>.

2. Thomson K, Guhn M, Richardson C, Shoveller JA. **Associations between household educational attainment and adolescent positive mental health in Canada.** SSM - Population Health. 2017. Available from: <http://www.sciencedirect.com/science/article/pii/S2352827316301689>.
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. Oberle E. **Social-emotional competence and early adolescents' peer acceptance in school: Examining the role of afternoon cortisol.** PLoS One. 2018;13(2):1-12. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29462163>.

Supporting Research

GENERAL

1. Carpiano RM, Kelly BC. **Fostering medical sociology's bridges and bonds.** J Health Soc Behav. 2017;58(1):1-2. Available from: <http://journals.sagepub.com/doi/abs/10.1177/0022146517691477>.
2. Thomson G, Stoll K, Downe S, Hall WA. **Negative impressions of childbirth in a North-West England student population.** J Psychosom Obstet Gynaecol. 2017;38(1):37-44. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27578057>.
3. Zaidman-Zait A, Mirenda P, Duku E, Vaillancourt T, Smith IM, Szatmari P, et al. **Impact of personal and social resources on parenting stress in mothers of children with autism spectrum disorder.** Autism. 2017;21(2):155-66. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27091948>.

STATISTICS, MODELING, MEASUREMENT

1. Astivia OL, Zumbo BD. **Population models and simulation methods: the case of the Spearman rank correlation.** Br J Math Stat Psychol. 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28140458>.
2. Cohen SR, Sawatzky R, Russell LB, Shahidi J, Heyland DK, Gadermann AM. **Measuring the quality of life of people at the end of life: the McGill Quality of Life Questionnaire-Revised.** Palliat Med. 2017;31(2):120-9. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27412257>.
3. Jitlina K, Zumbo B, Mirenda P, Ford L, Bennett T, Georgiades S, et al. **Psychometric properties of the Spence Children's Anxiety Scale: parent report in children with autism spectrum disorder.** J Autism Dev Disord. 2017;47(12):3847-56. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28409361>.
4. McEwan D, Ruissen GR, Eys MA, Zumbo BD, Beauchamp MR. **The effectiveness of teamwork training on teamwork behaviors and team performance: a systematic review and meta-analysis of controlled interventions.** PLoS One. 2017;12(1):e0169604. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28085922/>.

Map Sets, Community Summaries

EARLY YEARS DEVELOPMENT INSTRUMENT

2017

1. Human Early Learning Partnership. **Early Years Development Instrument EDI (Early Years Development Instrument) W6 Supplementary Report. EDI Subscales Community Profiles, 2016.** Vancouver, BC: University of British Columbia, School of Population and Public Health; 2017 Sep. Available from: <http://earlylearning.ubc.ca/maps/edi/#commProfiles>.

MIDDLE YEARS DEVELOPMENT INSTRUMENT

2017 (May 2017 MDI reports were provided in the 2016-2017 Annual Report, fifth edition)

For additional publications related to the Early Development Instrument and the Middle Years Development Instrument and Findings, see the HELP website:

<http://earlylearning.ubc.ca/maps/>.

Newsletters

1. Human Early Learning Partnership. **HELP Newsletter: HELP implementation staff updates.** Vancouver, BC: HELP; 2017 Jun. Available from: <https://us5.campaign-archive.com/?u=ff5a335143a00900d87de4831&id=dedc1f4743>.
2. Human Early Learning Partnership. **HELP Newsletter: HELP reads.** Vancouver, BC: HELP; 2017 Jul. Available from: <https://us5.campaign-archive.com/?u=ff5a335143a00900d87de4831&id=68685cc781>.
3. Human Early Learning Partnership. **HELP Newsletter.** Vancouver, BC: HELP; 2017 Aug. Available from: <http://mailchi.mp/ubc/help-may-2017-newsletter-1193929?e=609d4a0370>.
4. Human Early Learning Partnership. **HELP Newsletter: Building connected communities. Fall Expo 2017.** Vancouver, BC: HELP; 2017 Sep. Available from: <http://us5.campaign-archive1.com/?u=ff5a335143a00900d87de4831&id=c1762c231e>.
5. Human Early Learning Partnership. **HELP Newsletter: EDI subscales: a note from Pippa Rowcliffe.** Vancouver, BC: HELP; 2017 Oct. Available from: <http://mailchi.mp/ubc/help-may-2017-newsletter-1213669?e=609d4a0370>.
6. Human Early Learning Partnership. **HELP Newsletter: Thank you.** Vancouver, BC: HELP; 2017 Nov. Available from: <https://us5.campaign-archive.com/?u=ff5a335143a00900d87de4831&id=e1d18e9c6a>.
7. Human Early Learning Partnership. **HELP Newsletter: Happy holidays.** Vancouver, BC: HELP; 2017 Dec. Available from: <https://us5.campaign-archive.com/?u=ff5a335143a00900d87de4831&id=34980873b0>.
8. 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>.
9. Human Early Learning Partnership. **HELP Newsletter: HELP Talks: Mobile digital technologies and adolescent mental health; Coming soon! Call for Expressions of Interest: Compassionate Leadership and Systems Thinking Training; Diana Elliot awarded the Dr. Hillel Goelman Award for Outstanding Leadership in Professional Development in Early Childhood Intervention.** Vancouver, BC: HELP; 2018 Feb. Available from: <https://mailchi.mp/ubc/help-may-2017-newsletter-1257609?e=609d4a0370>.
10. Human Early Learning Partnership. **HELP Newsletter: Collaborative Action: A National Symposium for Child Well-being in the Middle Years - registration is now open.** Vancouver, BC: HELP; 2018 Mar. Available from: <http://mailchi.mp/ubc/help-may-2017-newsletter-1263413?e=609d4a0370>.

Videos, Webinars

1. Human Early Learning Partnership. **MDI Champions: Marna MacMillan**. Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Oct 2. Available from: <https://www.youtube.com/watch?v=AO9SgTMblbE>.
2. Human Early Learning Partnership. **Understanding the well-being & asset indices of the MDI**. Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Oct 4. Available from: <https://www.youtube.com/watch?v=M0iwe71Ls6g>.
3. Human Early Learning Partnership. **Webinar: Getting started with your community subscales data with Dr. Barry Forer**. Vancouver, BC: University of British Columbia, School of Population and Public Health; 2017 October 11 from 3:30-4:30pm. Available from: <http://earlylearning.ubc.ca/blog/2017/sep/19/edi-subscales-webinar/>.
4. Human Early Learning Partnership. **Issues in evaluated universal interventions. HELP Talks Presentation by Mark Greenberg**. Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Oct 31. Available from: <https://www.youtube.com/watch?v=OAB3KS9G5r4>.
5. Human Early Learning Partnership. **Social and emotional learning as a public health approach to education. HELP Talks presentation by Mark Greenberg - Part 2**. Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Oct 31. Available from: <https://www.youtube.com/watch?v=srUrpj7wJY0>.
6. Human Early Learning Partnership. **Learning by listening [Reflections of the Aboriginal Steering Committee]**. Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Nov 15. Available from: <https://www.youtube.com/watch?v=srUrpj7wJY0>.
7. Human Early Learning Partnership. **Help Expo 2017 Part 1: Introduction and community systems with Brenda Poon**. Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Nov 16. Available from: <https://www.youtube.com/watch?v=BtGTiQWRGQc>.
8. Human Early Learning Partnership. **Help Expo 2017 Part 2: The practice with Joanne Schroeder and panelists**. Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Nov 16. Available from: <https://www.youtube.com/watch?v=XEQfljAoBEE>.
9. 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>.
10. Human Early Learning Partnership. **Safeguarding the EDI data 2017**. 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=nwrATUw9ZkA&t=4s>.
11. Human Early Learning Partnership. **e EDI training video 2017**. 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=Amec2oVmEmg>.
12. 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.
13. Human Early Learning Partnership. **Janelle Zebedee & Tricia Penny (19 minutes)**. Vancouver, BC: HELP; 2018 Feb 16. Available from: <https://www.youtube.com/watch?v=Ea8qkwPBGnU>.
14. Human Early Learning Partnership. **Peter Dubinsky (15 minutes)**. Vancouver, BC: HELP; 2018 Feb 16. Available from: <https://www.youtube.com/watch?v=WjTuZSqrLow&t=102s>.
15. Schonert-Reichl K. **Taking a closer look at sleep (52 minutes)**. Vancouver, BC: Human Early Learning Partnership; 2018 Feb 16. Available from: <https://www.youtube.com/watch?v=jYdjJSZKE80&t=4s>.

Media

(Note: This is a selection of articles in the media; the list is not intended to be exhaustive)

General

1. Kimberly Schonert-Reichl leads new landmark report the SEL field. Vancouver, BC: University of British Columbia, Educational and Counselling Psychology, and Special Education; 2017.
2. Ensuring young people's social and emotional fitness - lessons from Canada and the USA. Australian National University; 2017.
3. Future of education is creativity, social-emotional learning: new book. The Hamilton Spectator (Online). 2017.
5. Britten L. Study finds connection between stressed-out teachers and stressed-out students. 2017 Jun 28.
7. India TV. Social-emotional learning programmes help better development of a child. 2017 Jul 12.
8. Kennedy G. Delta kids among least likely in Lower Mainland to struggle with school and life, study finds. 2017 Aug 22.
9. Li W. Childcare key to helping families afford Vancouver. 2017 Sep 25.
11. Szklarski C. Adaptation, risk-taking the future of education. Chronicle - Herald. 2017 Sep 05.
12. The Orchid Child. What is an orchid child? 2017 [Available from: <http://theorchidchild.com/>].
13. UBC Media staff. Programs that teach emotional intelligence in schools have lasting impact. 2017 Jul 12.
14. United Way of the Lower Mainland. Giving kids the skills to thrive in life. 2017 Jul 14.

Generation Squeeze

1. B.C.'s "Generation Squeeze"™ feeling pinch of high cost of living, says UBC prof. The News. 2017 Nov 02.
2. Picard A. To improve Canada's health, we must rethink our spending strategy. The Globe and Mail. 2018 Jan 22.
3. Press J. Rising old age security spending dampened by CPP increases: Report. The Times - Transcript. 2017 Aug 23.
4. Schlesinger J. Gen-xers, millennials struggling to save; Vancouverites are finding it hard to pay down debt, forgoing RRSP contributions, as retirement seems further and further out of reach. The Vancouver Sun. 2017 Feb 18.
5. Shaw R. Greens pushing for day-care reform; Legislation. The Province. 2017 Sep 13.
6. Shaw R. NDP promises not 'relevant'. The Vancouver Sun. 2017 Sep 13.

For more information on research at the
Human Early Learning Partnership
visit www.earlylearning.ubc.ca
or contact Michele Wiens, Senior Manager
(Knowledge Management)
Email: michele.wiens@ubc.ca

2206 East Mall
University of British Columbia
Vancouver, BC V6T 1Z3
Phone: 604-822-1278
Email: earlylearning@ubc.ca
Fax: 604-822-0640
www.earlylearning.ubc.ca