

PUBLICATIONS AND RESEARCH

JUNE 2016 – MAY 2017



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
Biology of Early Development	4
General	
Social Epigenetics (genes, DNA expression, etc)	
Prenatal Exposures, Stress	
Cortisol Levels, Pre-Term, etc.	
Community Systems	7
Child Development and Developmental Monitoring	7
Early Years	
Middle Years	
Policy, Outcomes, and Additional Research	9
General (child care, hearing, dental, autism, and more)	
Generation Squeeze, Family Policy	
Health, Health Services and Delivery	10
General	
Socioemotional	10
Supporting Research	11
General	
Statistics, Modeling, Measurement	
Map Sets, Community Summaries	12
Middle Years Development Instrument	
Videos, Webinars	15
Media (newspaper, broadcast, blog, etc.)	16

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 fifth 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 2016-2017 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/>.

Biology of Early Development

GENERAL

1. Almas AN, Degnan KA, Nelson CA, Zeanah CH, Fox NA. **IQ at age 12 following a history of institutional care: Findings from the Bucharest Early Intervention Project.** Dev Psychol. 2016;52(11):1858-66. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27709994>.
2. Kawahara J, Brown CJ, Miller SP, Booth BG, Chau V, Grunau RE, et al. **BrainNetCNN: convolutional neural networks for brain networks; towards predicting neurodevelopment.** Neuroimage. 2017;146:1038-49. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27693612>.
3. Razaz N, Joseph KS, Boyce WT, Guhn M, Forer B, Carruthers R, et al. **Children of chronically ill parents: relationship between parental multiple sclerosis and childhood developmental health.** Mult Scler. 2016;22(11):1452-62. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26683589>.
4. Razaz N, Tremlett H, Marrie RA, Joseph KS. **Peripartum depression in parents with multiple sclerosis and psychiatric disorders in children.** Mult Scler. 2016;22(14):1830-40. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/26903008>.
5. Shavit I, Peri-Front Y, Rosen-Walther A, Grunau RE, Neuman G, Nachmani O, et al. **A randomized trial to evaluate the effect of two topical anesthetics on pain response during frenotomy in young infants.** Pain Med. 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27272529>.
6. Smolina K, Mintzes B, Hanley GE, Oberlander TF, Morgan SG. **The association between domperidone and ventricular arrhythmia in the postpartum period.** Pharmacoepidemiol Drug Saf. 2016;25(10):1210-4. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27296864>.
7. Smolina K, Morgan SG, Hanley GE, Oberlander TF, Mintzes B. **Postpartum domperidone use in British Columbia: a retrospective cohort study.** CMAJ Open. 2016;4(1):E13-9. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27280111/>.
8. Zaidman-Zait A, Curle D, Jamieson JR, Chia R, Kozak FK. **Health-related quality of life among young children with cochlear implants and developmental disabilities.** Ear Hear. 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28207575>.
9. 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. Boyce WT, Shonkoff JP. **Commentary: The course of life and life, of course: a commentary on Ben-Shlomo, Cooper and Kuh.** Int J Epidemiol. 2016;45(4):1000-2. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27880689>.
2. Bush NR, Allison AL, Miller AL, Deardorff J, Adler NE, Boyce WT. **Socioeconomic disparities in childhood obesity risk: association with an oxytocin receptor polymorphism.** JAMA Pediatr. 2017;171(1):61-7. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27842184>.
3. 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>.

4. 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>.
5. 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>.
6. 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>.
7. Gref A, Kebede Merid S, 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. 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27901618>.
8. Horvath S, Gurven M, Levine ME, Trumble BC, Kaplan H, Allayee H, et al. **An epigenetic clock analysis of race/ethnicity, sex, and coronary heart disease.** Genome Biol. 2016;17(1):171. Available from: <https://genomebiology.biomedcentral.com/articles/10.1186/s13059-016-1030-0>.
9. 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>.
10. 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>.
11. 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>.
12. 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>.
13. 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.
14. Nova 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>.
15. Obradović J. **Physiological responsivity and executive functioning: Implications for adaptation and resilience in early childhood.** Child Dev Persp. 2016;10(1):65-70. Available from: <http://onlinelibrary.wiley.com/doi/10.1111/cdep.12164/abstract>.
16. Steunou AL, Cramet M, Rossetto D, Aristizabal MJ, Lacoste N, Drouin S, et al. **Combined action of histone reader modules regulates nua4 local acetyltransferase function but not its recruitment on the genome.** Mol Cell Biol. 2016;36(22):2768-81. Available from: <https://www.ncbi.nlm.nih.gov/pubmed>
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>.

PRENATAL EXPOSURES, STRESS

1. Borenstein-Levin L, Synnes A, Grunau RE, Miller SP, Yoon EW, Shah PS. **Narcotics and sedative use in preterm neonates.** J Pediatr. 2017;180:92-8.e1. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27614931>.
2. 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>.

3. Gartstein MA, Hookenson KV, Brain U, Devlin AM, Grunau RE, Oberlander TF. **Sculpting infant soothability: the role of prenatal SSRI antidepressant exposure and neonatal SLC6A4 methylation status.** Dev Psychobiol. 2016;58(6):745-58. Available from: <http://onlinelibrary.wiley.com/doi/10.1002/dev.21414/full>.
4. Guo T, Duerden EG, Adams E, Chau V, Branson HM, Chakravarty MM, et al. **Quantitative assessment of white matter injury in preterm neonates: association with outcomes.** Neurology. 2017;88(7):614-22. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28100727>.
5. Hall KT, Kossowsky J, Oberlander TF, Kaptchuk TJ, Saul JP, Wyller VB, et al. **Genetic variation in catechol-O-methyltransferase modifies effects of clonidine treatment in chronic fatigue syndrome.** Pharmacogenomics J. 2016;16(5):454-60. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27457818/>.
6. Hovi P, Vohr B, Ment LR, Doyle LW, McGarvey L, Morrison KM, et al. **Blood pressure in young adults born at very low birth weight: adults born preterm international collaboration.** Hypertension. 2016;68(4):880-7. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27572149>.
7. Levine TA, Alderdice FA, Grunau RE, McAuliffe FM. **Prenatal stress and hemodynamics in pregnancy: a systematic review.** Arch Womens Ment Health. 2016;19(5):721-39. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27329120>.
8. 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>.
9. Montirosso R, Provenzi L, Giorda R, Fumagalli M, Morandi F, Sirgiovanni I, et al. **SLC6A4 promoter region methylation and socio-emotional stress response in very preterm and full-term infants.** Epigenomics. 2016;8(7):895-907. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27381173>.
10. Oberlander TF, Vigod SN. **Developmental effects of prenatal selective serotonin reuptake inhibitor exposure in perspective: are we comparing apples to apples?** J Am Acad Child Adolesc Psychiatry. 2016;55(5):351-2. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27126845>.
11. 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>.
12. Tam EW, Chau V, Barkovich AJ, Ferriero DM, Miller SP, Rogers EE, et al. **Early postnatal docosahexaenoic acid levels and improved preterm brain development.** Pediatr Res. 2016;79(5):723-30. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/26761122>.
13. Valeri BO, Ranger M, Chau CM, Cepeda IL, Synnes A, Linhares MB, et al. **Neonatal invasive procedures predict pain intensity at school age in children born very preterm.** Clin J Pain. 2016;32(12):1086-93. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/26783986>.
14. Vigod S, Hussain-Shamsy N, Grigoriadis S, Howard LM, Metcalfe K, Oberlander TF, et al. **A patient decision aid for antidepressant use in pregnancy: study protocol for a randomized controlled trial.** Trials. 2016;17(1):110. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/26923796/>.
15. Wagenaar N, Chau V, Groenendaal F, Kersbergen KJ, Poskitt KJ, Grunau RE, et al. **Clinical risk factors for punctate white matter lesions on early magnetic resonance imaging in preterm newborns.** J Pediatr. 2017;182:34-40.e1. Available from: <http://www.sciencedirect.com/science/article/pii/S0022347616313816>.

CORTISOL LEVELS, PRE-TERM, and more.

1. Cameron CA, McKay S, Susman EJ, Wynne-Edwards K, Wright JM, Weinberg J. **Cortisol stress response variability in early adolescence: attachment, affect and sex.** J Youth Adolesc. 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27468997>.
2. 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

1. Gerlach A. **Relational pathways in early intervention: Research summary report for the Aboriginal Infant Development Program of British Columbia.** Victoria, BC: Provincial Office of the Aboriginal Infant Development Program; 2015. Available from: http://aidp.bc.ca/wp-content/uploads/2015/11/Research_Summary_AIDP_AGerlachSept2015.pdf.
2. 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

EARLY YEARS

1. Boyle MH, Duncan L, Georgiades K, Bennett K, Gonzalez A, Van Lieshout RJ, et al. **Classifying child and adolescent psychiatric disorder by problem checklists and standardized interviews.** *Int J Methods Psychiatr Res.* 2016;n/a-n/a. Available from: <http://dx.doi.org/10.1002/mpr.1544>.
2. Chambers C, Corkum P, Godbout R, Gruber R, Hall W, Reid G, et al. **Better nights better days: a program for parents with children who have sleeping problems.** Vancouver, BC: University of British Columbia; 2016; Available from: <http://betternightsbetterdays.ca/>.
3. Dowd AJ, Chen MY, Schmader T, Jung ME, Zumbo BD, Beauchamp MR. **Psychosocial predictors of changes in adolescent girls' physical activity and dietary behaviors over the course of the Go Girls! group-based mentoring program.** *Health Educ Res.* 2016;31(4):478-91. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27325620>.
4. Human Early Learning Partnership (HELP). **EDI BC: 2016 provincial report.** Vancouver, BC: University of British Columbia, School of Population and Public Health, HELP; 2016 Oct. Available from: <http://www.edibc2016.ca/>.
5. Janus M, Reid-Westoby C. **Monitoring the development of all children: the Early Development Instrument.** *Early Childhood Matters.* 2016;7:40-5. Available from: https://bernardvanleer.org/app/uploads/2016/07/Early-Childhood-Matters-2016_7.pdf.
6. O'Leary JD, Janus M, Duku E, Wijeyesundera DN, To T, Li P, et al. **A population-based study evaluating the association between surgery in early life and child development at primary school entry.** *Anesthesiology.* 2016;125(2):272-9. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27433745>.
7. Poon BT, Jamieson JR, Zaidman-Zait A, Curle D, Norman N, Simmons N. **Chapter 3. The transition from early intervention to school for deaf and hard-of-hearing children.** In: Marschark M, Lampropoulou V, Skordilis EK, editors. *Diversity in deaf education* 2016. Available from: <https://global.oup.com/academic/product/diversity-in-deaf-education-9780190493073?cc=ca&lang=en&#>.
8. 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>.

9. 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

1. Human Early Learning Partnership. **Discover MDI: a field guide to promoting well-being in middle childhood.** Vancouver, BC: University of British Columbia, School of Population and Public Health; 2017; Available from: <http://www.discovermdi.ca/>.
2. Nelson HJhpcea, Kendall GE, Burns SK, Schonert-Reichl KA. **A scoping review of self-report measures of aggression and bullying for use with preadolescent children.** J Sch Nurs. 2017;33(1):53-63. Available from: <https://www.ncbi.nlm.nih.gov/labs/articles/27872392/>.

Policy, Outcomes, and Additional Research

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

1. Gadermann AM, Sawatzky R, Palepu A, Hubley AM, Zumbo BD, Aubry T, et al. **Minimal impact of response shift for SF-12 mental and physical health status in homeless and vulnerably housed individuals: an item-level multi-group analysis.** Qual Life Res. 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27933427>.
2. Jaworsky D, Gadermann A, Duhoux A, Naismith TE, Norena M, To MJ, et al. **Residential stability reduces unmet health care needs and emergency department utilization among a cohort of homeless and vulnerably housed persons in Canada.** J Urban Health. 2016;93(4):666-81. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27457795>.
3. Nikoo M, Gadermann A, To MJ, Krausz M, Hwang SW, Palepu A. **Incidence and associated risk factors of traumatic brain injury in a cohort of homeless and vulnerably housed adults in 3 Canadian cities.** J Head Trauma Rehabil. 2017; Publish Ahead of Print. Available from: http://journals.lww.com/headtraumarehab/Fulltext/publishahead/Incidence_and_Associated_Risk_Factors_of_Traumatic_99604.aspx.
4. Provincial Health Services Authority. **The British Columbia Community Health Data website.** Vancouver, BC: PHSA; 2016; Available from: <http://communityhealth.phsa.ca/>.
5. Socías ME, Koehoorn M, Shoveller J. **Gender inequalities in access to health care among adults living in British Columbia, Canada.** Womens Health Issues. 2016;26(1):74-9. Available from: <http://www.sciencedirect.com/science/article/pii/S1049386715001164>.

GENERATION SQUEEZE, FAMILY POLICY

1. Anderson L, Ballantyne M, Friendly M. **Child care for all of us: universal child care for Canadians by 2020.** Ottawa, ON: Canadian Centre for Policy Alternatives; 2016. Available from: <https://www.policyalternatives.ca/publications/reports/child-care-all-us>.
2. Curle D, Jamieson J, Buchanan M, Poon BT, Zaidman-Zait A, Norman N. **The transition from early intervention to school for children who are deaf or hard of hearing: administrator perspectives.** J Deaf Stud Deaf Educ. 2017;22(1):131-40. Available from: <https://academic.oup.com/jdsde/article/22/1/131/2333963/The-Transition-From-Early-Intervention-to-School>.
3. Kershaw P. **Code Red: Ontario is the second worst economy in Canada for younger generations.** Vancouver, BC: Generation Squeeze; 2017 Apr. Available from: https://d3n8a8pro7vhm.cloudfront.net/gensqueeze/pages/136/attachments/original/1491359455/GS_CodeRed_ON_second_worst_economy_2017-04-04.pdf?1491359455.
4. Kershaw P. **Code Red: BC is the worst performing economy in Canada for younger generations.** Vancouver, BC: Generation Squeeze; 2017 Apr. Available from: https://d3n8a8pro7vhm.cloudfront.net/gensqueeze/pages/136/attachments/original/1489538267/GS_CodeRed_BC_Worst_Economy_2017-03-15.pdf?1489538267.
5. Kershaw P, Anderson L. **Measuring the age distribution in Canadian social spending.** Can Public Adm. 2016;59(4):556-79. Available from: <http://onlinelibrary.wiley.com/doi/10.1111/capa.12193/abstract>.
6. Smith N, Mitton C, Kershaw P. **The reallocation challenge: containing Canadian medical care spending to invest in the social determinants of health.** Can J Public Health. 2016;107(1):e130-e2. Available from: <http://journal.cpha.ca/index.php/cjph/article/view/5184>.
For reports related to Generation Squeeze, see <http://www.gensqueeze.ca/resources>.

Health, Health Services and Delivery

GENERAL

1. Carpiano RM, Bettinger JA. **Vaccine coverage for kindergarteners: Factors associated with school and area variation in Vancouver, British Columbia.** Vaccine Reports. 2016;6:50-5. Available from: <http://www.sciencedirect.com/science/article/pii/S1879437816300225>.

Socioemotional

1. Crain TL, Schonert-Reichl KA, Roeser RW. **Cultivating teacher mindfulness: effects of a randomized controlled trial on work, home, and sleep outcomes.** J Occup Health Psychol. 2017;22(2):138-52. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27182765>.
2. Schonert-Reichl KA. **What are the experts saying? Interview with Dr. Kim Schonert-Reichl.** Vancouver, BC: University of British Columbia and the Collaborative for Academic, Social, and Emotional Learning (CASEL); 2017 Feb. Available from: <http://www.casel.org/wp-content/uploads/2017/02/Interview-with-Kim-Schonert-Reichl-2-16-17.pdf>.
3. Schonert-Reichl KA. **Webinar series: Part One – SEL in Teacher Education: Where are we now? aired in January; Part Two – Promoting SEL in Teacher Education aired in February; Part Three – SEL in Motion: Innovative SEL Programs is scheduled on March 10th.** Vancouver, BC: University of British Columbia and the Collaborative for Academic, Social, and Emotional Learning (CASEL); 2017 Feb. Available from: <http://ecps.educ.ubc.ca/kimberly-schonert-reichl-leads-new-landmark-report-the-sel-field/>.
4. Schonert-Reichl KA, Kitil MJ, Hanson-Peterson J. **To reach the students, teach the teachers: a national scan of teacher preparation and social and emotional learning. A report prepared for the Collaborative for Academic, Social, and Emotional Learning (CASEL).** Vancouver, BC: University of British Columbia; 2017 Feb. Available from: <http://www.casel.org/wp-content/uploads/2017/02/SEL-TEd-Full-Report-for-CASEL-2017-02-14-R1.pdf>.
5. Taylor C, Harrison J, Haimovitz K, Oberle E, Thomson K, Schonert-Reichl K, et al. **Examining ways that a mindfulness-based intervention reduces stress in public school teachers: a mixed-methods study.** Mindfulness. 2016;7(1):115-29. Available from: <http://dx.doi.org/10.1007/s12671-015-0425-4>.
6. Taylor C, Harrison J, Haimovitz K, Oberle E, Thomson K, Schonert-Reichl K, et al. **Erratum to: Examining ways that a mindfulness-based intervention reduces stress in public school teachers: a mixed-methods study.** Mindfulness. 2016;7(6):1449-. Available from: <http://dx.doi.org/10.1007/s12671-016-0620-y>.
7. 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>.
8. 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.** J Appl Dev Psychol. 2013. Available from: <http://www.sciencedirect.com/science/article/pii/S0193397316301496>.

Supporting Research

GENERAL

1. Almutairi AF, Dahinten VS. **Construct validity of Almutairi's Critical Cultural Competence scale.** West J Nurs Res. 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27353640>.
2. Brondani MA, Amin MS, Poon B. **Life course approach to oral health research workshop: a summative report.** J Can Dent Assoc. 2016;82:g25. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28240581>.
3. 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>.
4. Carson A, Chabot C, Greyson D, Shannon K, Duff P, Shoveller J. **A narrative analysis of the birth stories of early-age mothers.** Sociol Health Illn. 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27791267>.
5. Lee SE, Dahinten SV, MacPhee M. **Psychometric evaluation of the McCloskey/Mueller Satisfaction Scale.** Jpn J Nurs Sci. 2016;13(4):487-95. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27160058>.
6. Rogers E, Polonijo AN, Carpiano RM. **Getting by with a little help from friends and colleagues: testing how residents' social support networks affect loneliness and burnout.** Can Fam Physician. 2016;62(11):e677-e83. Available from: <http://www.cfp.ca/content/62/11/e677.abstract>.
7. 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.
8. 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>.

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. Emerson SD, Guhn M, Gadermann AM. **Measurement invariance of the satisfaction with life scale: Reviewing three decades of research.** Quality of Life Research: An International Journal of Quality of Life Aspects of Treatment, Care & Rehabilitation. 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28324322>.
4. Homma Y, Saewyc E, Zumbo BD. **Is it getting better? An analytical method to test trends in health disparities, with tobacco use among sexual minority vs. heterosexual youth as an example.** Int J Equity Health. 2016;15:79. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27215223/>.
5. Klein KO, Grinek S, Bernatsky S, Bouchard L, Ciampi A, Colmegna I, et al. **funtoNorm: an R package for normalization of DNA methylation data when there are multiple cell or tissue types.** Bioinformatics. 2016;32(4):593-5. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26500152>.
6. McEwan D, Harden SM, Zumbo BD, Sylvester BD, Kaulius M, Ruissen GR, et al. **The effectiveness of multi-component goal setting interventions for changing physical activity behaviour: a systematic review and meta-analysis.** Health Psychol Rev. 2016;10(1):67-88. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/26445201>.
7. 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/>.
8. Milligan GS, Reilly TJ, Zumbo BD, Tipton MJ. **Validity and reliability of physical employment standards.** Appl Physiol Nutr Metab. 2016;41(6 Suppl 2):S83-91. Available from:
<https://www.ncbi.nlm.nih.gov/pubmed/27277570/>.
 9. Sawatzky R, Chan EK, Zumbo BD, Ahmed S, Bartlett SJ, Bingham CO, 3rd, et al. **Modern perspectives of measurement validation emphasize justification of inferences based on patient-reported outcome scores: seventh paper in a series on patient reported outcomes.** J Clin Epidemiol. 2016. Available from:
<https://www.ncbi.nlm.nih.gov/pubmed/27998744/>.
 10. Zumbo BD. **Standard-setting methodology: establishing performance standards and setting cut-scores to assist score interpretation.** Appl Physiol Nutr Metab. 2016;41(6 Suppl 2):S74-82. Available from:
http://www.nrcresearchpress.com/doi/full/10.1139/apnm-2015-0522#_WL8MBG_vu70.

Map Sets, Community Summaries

MIDDLE YEARS DEVELOPMENT INSTRUMENT

2017

1. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Alberni School District 70. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd70/>.
2. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Alberni School District 70. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd70/>.
3. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Arrow Lakes School District 10. Grade 4. (not publicly available)** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/>.
4. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Arrow Lakes School District 10. Grade 7 (not publicly available).** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/>.
5. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Boundary School District 51. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd51/>.
6. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Boundary School District 51. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd51/>.
7. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Central Coast School District 49. Grade 4 (not publicly available).** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/>.

8. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Central Coast School District 49. Grade 7 (not publicly available).** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/>.
9. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Central Okanagan School District 23. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd23/>.
10. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Coquitlam School District 43. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd43/>.
11. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Coquitlam School District 43. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd43/>.
12. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Fraser Cascade School District 78. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd78/>.
13. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Fraser Cascade School District 78. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd78/>.
14. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Maple Ridge School District 42. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd42/>.
15. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Maple Ridge School District 42. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd42/>.
16. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Nisga'a School District 92. Grade 4 (not publicly available).** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/>.
17. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Nisga'a School District 92. Grade 7 (not publicly available).** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/>.
18. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Okanagan Similkameen School District 53. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd53/>.
19. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Okanagan Similkameen School District 53. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd53/>.
20. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Powell River School District 47. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from: <http://earlylearning.ubc.ca/maps/mdi/nh/sd47/>.

- Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/>.
21. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Revelstoke School District 19. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd19/>.
 22. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Revelstoke School District 19. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd19/>.
 23. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Richmond School District 38. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd38/>.
 24. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Richmond School District 38. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd38/>.
 25. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Sunshine Coast School District 46. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd46/>.
 26. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Sunshine Coast School District 46. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd46/>.
 27. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Victoria School District 61. Grade 4.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd61/>.
 28. Human Early Learning Partnership. **Middle Years Development Instrument (MDI). 2016/2017 school district and community report. Victoria School District 61. Grade 7.** Vancouver, BC: University of British Columbia, School of Population and Public Health; May 2017. Available from:
<http://earlylearning.ubc.ca/maps/mdi/nh/sd61/>.

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/>.

Videos, Webinars

1. Human Early Learning Partnership. **2016 HELP Fall Expo.** Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2016 Nov 28. Available from: <https://www.youtube.com/watch?v=nfxvTn5eFUo>.
2. Human Early Learning Partnership. **Engaging with others using the MDI.** Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Feb 15. Available from: <https://www.youtube.com/watch?v=63xmTWTeR-Q>.
3. Human Early Learning Partnership. **In virtual conversation with Kim Schonert-Reichl: 2016/2017 MDI data highlights & more.** Vancouver, BC: University of British Columbia, School of Population and Public Health; 2017 May 11. Available from: <http://earlylearning.ubc.ca/blog/2017/apr/20/register-today-virtual-conversation-kim-schonert-r/>
4. Human Early Learning Partnership. **Intro to assets and well-being.** Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Feb 15. Available from: <https://www.youtube.com/watch?v=eKZfxiPm2g>.
5. Human Early Learning Partnership. **MDI is the central conversation.** Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Feb 15. Available from: <https://www.youtube.com/watch?v=BjiOneesxfw>.
6. Human Early Learning Partnership. **Understanding EDI subscales.** Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2016 Nov 28. Available from: <https://www.youtube.com/watch?v=Fk77rxN0n-A>.
7. Human Early Learning Partnership. **Why MDI?** Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2017 Feb 15. Available from: <https://www.youtube.com/watch?v=PxwFLYqff1o>.

Media

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

General

1. BC Almanac. B.C.'s new curriculum. Emotional and social learning. Vancouver, BC: CBC; 2016 Aug 30.
2. Corbett N. Keeping kids busy after school. The News. 2016 09/07
3. Dickerson R. Promoting social and emotional learning guidelines for educators. 2016.
4. Editor. Burnout effect in teachers, students interlinked. Udaipur Kiran. 2016 Jul 3.
5. Hancock T. Child poverty is outrageous and unhealthy. Times - Colonist. 2017 04/12
6. Henderson PJ. Our children vulnerable; ... but the rate is actually declining. Chilliwack Times. 2016 12/01
7. Hinzmann C. Raise A Reader supports local literacy. Prince George Citizen. 2016 09/28
8. Lemire A. Forum set to share info on well-being of kids; new research to be unveiled at pair of meetings next week at Delta School District office. Delta Optimist. 2016 11/23
9. McTighe F. Lee Holfeld new co-ordinator of early childhood coalition. The Macleod Gazette. 2016 11/09
10. Nienow F. Potential new college is exciting news. Lakes District News. 2016 11/21
11. Nienow F. High number of vulnerable children in Burns Lake. Lakes District News. 2016 11/03
12. Panacci A. Province suspends student assessments. Chronicle - Herald. 2016 11/09
13. Schonert-Reichl K. Socio-emotional fitness. TEDxLangley. 2016.
14. Smith C. Dalai Lama Center for Peace and Education helps B.C. become a world leader in educating hearts as well as minds. 2016 Aug 18.
15. Tamminga M. District-wide middle school model explored for Langley. Langley Times. 2016 09/29
16. van Rootselaar D. Central Peace Early Childhood Coalition - connecting us all. The Signal. 2016 11/22
17. Wright Allen S. Connecting families; Program looks to develop family skills, strength, resilience. Prince George Citizen. 2016 12/31
18. AllerGen. CIHR funds study on prenatal programming of children's mental health - Michael Kobor. 2016.
19. Barton A. In the dark: the FDA has issued a warning on the effects of prolonged exposure to general anesthesia on young children, yet Canadian hospitals say parents have little to fear. How much is known about its impact on developing brains? Adriana Barton reports. The Globe and Mail. 2017 03/06
20. Early Development Instrument results. The Capital. 2016 09/28
21. Ensuring young people's social and emotional fitness - lessons from Canada and the USA. Australian National University; 2017.
22. Kimberly Schonert-Reichl leads new landmark report the SEL field. Vancouver, BC: University of British Columbia, Educational and Counselling Psychology, and Special Education; 2017.
23. Mission teachers learn about youth anxiety, stress. Mission City Record. 2016 11/13
24. Poverty delays 1-in-3 kindergarten students The Ottawa Citizen is a; Low scores may indicate difficulty in learning. The Ottawa Citizen. 2016 09/14

Generation Squeeze

1. Alia AD. It's time to redefine housing in Canada; Policy needs to be about more than putting a roof over everyone's heads. Vancouver Courier. 2017 02/23
2. Bailey I. Quebec-style daycare looms in B.C. election. The Globe and Mail. 2017 02/25
3. Carman T. Fewer B.C. youth opting to get behind the wheel. Vancouver Sun. 2016 06/28
4. Carman T, Culbert L. Youth put brakes on driver's licences; DATA. The Province. 2016 06/28
5. Carrick R. Gen Y work woes: Going up a down escalator. The Globe and Mail. 2017 05/05
6. Culbert L. Last push for leaders on the hustings; Election Day. The Province. 2017 05/09

7. Culbert L. Candidates make final push on campaigns; Leaders will be among constituents in ridings across B.C. as they prepare to vote. *The Vancouver Sun*. 2017 05/09
8. Curry B. Younger Canadians warn of pension squeeze. *The Globe and Mail*. 2016 06/13
9. Curry B. Pension reformers urged to consider younger Canadians. *Vancouver Sun*. 2016 06/12
10. Graeme Wood. Homeowner Grant stiffes younger generation: Prof. *Richmond News*. 2017 01/13
11. Gyarmati S. A price To Suburbia; Delta's single-family-centric housing stock leaves many buyers on the outside looking in. *Delta Optimist*. 2017 04/26
12. Hoekstra G. Report takes aim at NDP balanced-budget plan; B.C. *The Province*. 2017 04/23
13. Hopper T. Live long and prosper should not be an option. *National Post*. 2017 02/17
14. Ip S. Poll finds B.C. voters 'underwhelmed'by lack of options. *The Vancouver Sun*. 2017 05/05
15. Ip S. Party leaders fail to excite B.C. voters; ELECTION 2017. *The Province*. 2017 05/05
16. Katnich C. Homeowners worked hard. *The Province*. 2016 06/17
17. Kershaw P. Young people are being left behind in N.B. *Whitehorse Star*. 2016 06/06
18. Kershaw P. Link national housing strategy to health accord. *Whitehorse Star*. 2016 12/15
19. Kershaw P. The budget does indeed look after seniors. *The Globe and Mail*. 2017 02/24
20. Kershaw P, Long A. Mayors worried about tax hikes miss bigger issue. *The Province*. 2016 06/15
21. KIELTYKA M. People before profits: Flipping Vancouver's real estate market on its head. *Metro News*. 2016 09/09
22. Landreville T. Prices still rising. *Maple Ridge, Pitt Meadows Times*. 2016 06/23
23. Lees C. What should gov't do? *The Province*. 2016 06/20
24. Lees C. Taxes not for repair jobs. *The Province*. 2016 10/03
25. MacDonald M. Discounts and subsidies for seniors under more scrutiny than ever. *The Canadian Press*. 2017 04/09
26. McGinn D. No Cash, No More Kids. *The Globe and Mail*. 2017 02/17
27. McNish S. Video: Vancouver is on the cusp of becoming a generational ghost town. *Vancouver Sun*. 2016 Jun 10.
28. O'Connor N. Housing activists eye provincial. *Vancouver Courier*. 2016 09/15
29. O'Neil P. Ottawa gives short shrift to youths. *The Vancouver Sun*. 2016 11/23
30. Opinion P. National housing strategy already outdated? *The Province*. 2016 11/27
31. Penner D. Growth of senior population raises economic policy issues: experts. *The Vancouver Sun*. 2017 05/04
32. Penner D. Strong economy belies uneven growth in jobs. *The Vancouver Sun*. 2017 04/21
33. Penner D. Questions abound over job growth; Election. *The Province*. 2017 04/21
34. Penner D. The changing face of Metro region; Demographic Shift. *The Province*. 2017 05/04
35. Press J. Recensement de 2016: les aînes aussi nombreux que les jeunes de 15 ans et moins. *La Presse Canadienne*. 2017 05/01
36. Press J. Ranks of seniors catch up, pass young people in Canada, census numbers to show. *The Canadian Press*. 2017 05/01
37. Schlesinger J. Vancouver'S Lost Generation; with finances stretched to the limit, millennials consider taking flight from the city. *The Vancouver Sun*. 2017 02/25
38. 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 02/18
39. Sharratt A. Why millennials are getting retirement jitters. *The Globe and Mail*. 2016 11/25
40. Sinoski K. Heightening demand will push home prices further. *The Vancouver Sun*. 2016 09/28
41. Swanson E. Pipelines are not always just about the science; with federal pipeline decisions imminent, we need to speak honestly about the limitations of science and the role of values. *Weekend Regional*. 2016 12/01
42. Wadhvani A. Majority of millennials plan to buy a home within five years: poll. *Trail Times*. 2017 03/03
43. Wright R. Homes were a lot cheaper in '76 than graphic suggests. *Delta Optimist*. 2017 05/03
44. Aging Population. *CTV National News - CTV Television*. 2017 05/03
45. And The Reviews Continue: Balanced Ontario Liberal Budget helps families and builds for the future. *Canada NewsWire*. 2017 04/27
46. B.C. budget is just a fantasy. *Burnaby Now*. 2017 02/24

47. Census numbers show ranks of seniors catching up to, passing young people in Canada. The Times - Transcript. 2017 05/02
48. Conversations that matter. The Vancouver Sun. 2016 06/11
49. New census to show more seniors than young people. Daily Gleaner. 2017 05/02
50. Rock band shines a light on effects of crippling student debt. Daily Gleaner. 2016 08/11
51. Tax Wealth Of Homes To Pay For Health Care; Older Homeowners With Equity Can Afford To Pay More, Writes Paul Kershaw. The Vancouver Sun. 2016 12/17
52. Young people facing squeeze need help to get into market. Delta Optimist. 2016 06/03

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