

PUBLICATIONS & RESEARCH

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Faculty, Affiliated Scholar, Staff, and Student Research

HUMAN EARLY LEARNING PARTNERSHIP

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

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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

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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

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Vancouver, BC V6T 1Z3
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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 fourth 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 2015-2016 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; in press.
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7. Razaz N, Tremlett H, Boyce T, Guhn M, Marrie RA, Joseph KS. **Incidence of mood or anxiety disorders in children of parents with multiple sclerosis.** Paediatr Perinat Epidemiol. 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27009813>.
8. Waters SF, Boyce WT, Eskenazi B, Alkon A. **The impact of maternal depression and overcrowded housing on associations between autonomic nervous system reactivity and externalizing behavior problems in vulnerable Latino children.** Psychophysiology. 2016;53(1):97-104. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26681621>.

SOCIAL EPIGENETICS (genes, DNA expression, etc.)

1. Aristizabal MJ, Kobor MS. **A single flexible RNAPII-CTD integrates many different transcriptional programs.** Transcription. 2016;7(2):50-6. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26985717>.
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3. Beery AK, McEwen LM, MacIsaac JL, Francis DD, Kobor MS. **Natural variation in maternal care and cross-tissue patterns of oxytocin receptor gene methylation in rats.** Horm Behav. 2016;77:42-52. Available from: <http://www.sciencedirect.com/science/article/pii/S0018506X1500118X>.
4. Boyce WT. **Population health: Behavioral and social science insights. Epigenomics and the unheralded convergence of the biological and social sciences.** Agency Healthcare Res Qual. 2015. Available from: <http://www.ahrq.gov/professionals/education/curriculum-tools/population-health/boyce.html>.

5. Buschdorf JP, Ong ML, Ong SX, MacIsaac JL, Chng K, Kobor MS, et al. **Low birth weight associates with hippocampal gene expression.** *Neuroscience*. 2016;318:190-205. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26791528>.
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11. Jones MJ, Goodman SJ, Kobor MS. **DNA methylation and healthy human aging.** *Aging Cell*. 2015;14(6):924-32. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25913071>.
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CORTISOL LEVELS, PRE-TERM, ETC.

1. Bodnar TS, Hill LA, Taves MD, Yu W, Soma KK, Hammond GL, et al. **Colony-specific differences in endocrine and immune responses to an inflammatory challenge in female Sprague Dawley rats.** Endocrinology. 2015;156(12):4604-17. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26402842>.
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Community Systems

EVALUATION

1. Poon B, Rowcliffe P, Forer B, Wiens M, Matean M, Biferie M. **Evaluation report 2015. Early Years Centres (EYC) initial lessons learned.** Vancouver, BC: University of British Columbia, School of Population and Public Health, Human Early Learning Partnership; 2015 Aug. Available from: http://earlylearning.ubc.ca/media/publications/eyc_evaluation_report-aug102015.pdf. (This is not a peer-reviewed publication; it is included as part of HELP's evaluation work)

Child Development and Developmental Monitoring

EARLY YEARS

1. Dahinten VS, Arim RG, Guèvremont A, Kohen DE. **The case for using administrative data to examine a population-based parenting intervention.** Int J Child Health Human Dev. 2015;7(2):115-24. Available from: https://www.novapublishers.com/catalog/product_info.php?products_id=53966.
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MIDDLE YEARS

1. Binfet JT, Gadermann AM, Schonert-Reichl KA. **Measuring kindness at school: psychometric properties of a school kindness scale for children and adolescents.** Psychol Sch. 2016;53(2):111-26. Available from: <http://onlinelibrary.wiley.com/doi/10.1002/pits.21889/abstract>.
2. Gadermann AM, Guhn M, Schonert-Reichl KA, Hymel S, Thomson K, Hertzman C. **A population-based study of children's well-being and health: the relative importance of social relationships, health-related activities, and income.** JHappiness Studies. 2015:1-26. Available from: <http://dx.doi.org/10.1007/s10902-015-9673-1>.
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Policy, Outcomes, and Additional Research

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

1. Friendly M, Grady B, Macdonald L, Forer B. **Preliminary data: Early childhood education and care in Canada 2014**. Toronto, ON: Child care Canada; 2015 Oct. Available from: <http://www.childcarecanada.org/publications/eccec-canada/15/10/preliminary-data-early-childhood-education-and-care-canada-2014>. (This is not a peer-reviewed publication; it is included as part of HELP's data analyses work)
2. Poon B, Holley P, Louie A, Springinotic C. **Dental caries disparities in early childhood: a study of kindergarten children in British Columbia**. Can J Public Health. 2015;106(5):e308-14. Available from: <http://europepmc.org/abstract/med/26451993>.
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5. Zaidman-Zait A, Curle D. **Complexity: An interpretative phenomenological analysis of the experiences of mothers of deaf children with cochlear implants and autism**. J Health Psychol. 2016. Available from: <http://hpq.sagepub.com/content/early/2016/05/14/1359105316646171.abstract>.
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GENERATION SQUEEZE, FAMILY POLICY

1. Kershaw P, Minh A. **Code red: rethinking Canadian housing policy**. Vancouver, BC: Generation Squeeze; 2016 Spring. Available from: <http://www.gensqueeze.ca/resources>.*
 2. Kershaw P, Swanson E. **The Squeeze: fast facts for newly elected MPs**. Vancouver, BC: Generation Squeeze; 2015. Available from: <http://www.gensqueeze.ca/resources>.*
 3. Kershaw P. **By the numbers: a generational guide to voting in the 2015 federal election**. Vancouver, BC: Generation Squeeze; 2015. Available from: <http://www.gensqueeze.ca/resources>.*
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For additional reports related to Generation Squeeze, see <http://www.gensqueeze.ca/resources>.

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Map Sets, Community Summaries

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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/>.

Media

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

General

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Generation Squeeze

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31. Comeau L. **Health claims**. The Windsor Star. 2015 10/10.

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34. Geordon O. **B.C. budget falls short of addressing affordability crisis: housing experts.** The Canadian Press. 2016 02/17.
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44. Kershaw P. **Message on medical spending misleading; Research shows health budget must be contained.** The Windsor Star. 2015 10/07.
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47. Kershaw P. **Is a better deal for Generation Squeeze possible under Trudeau?** Trail Times. 2015 10/28.
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65. McTighe F. **Trish Hoskin is co-ordinator of early childhood group.** The Macleod Gazette. 2016 03/09.
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79. **For real-world ideas, take it to the street.** The Spectator. 2015 10/06.
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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