

# HUMAN DEVELOPMENT RESEARCH REVIEW

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### *Human Development Research Review: Aims and Scope*

HELP’s Human Development Research Review (*HELP Reads*) aims to expand awareness of topics in human development, particularly social epigenetics, social determinants of health, socio-emotional learning, Aboriginal children and youth, and family policy. *HELP Reads* connects health academics, advocates, and professionals with online and publicly available research, news, and information. This review focuses on listing articles relevant to human development research activities at HELP. The review accepts and welcomes contributions provided they meet *HELP Reads* standards. This review is not official or peer reviewed. It does not cover all research, news, and information, and HELP is not responsible for the accuracy of the content from media or databases. How to access the items? Click on the link related to each entry and it should take you to the item. Not all links are open access; some are abstract links where paid journal subscription is required. HELP Reads is posted monthly; please see: [www.earlylearning.ubc.ca/library/citations](http://www.earlylearning.ubc.ca/library/citations)

## EDITOR PICKS

### Document the urbanistic policy bias in rural early childhood services: Toward a function definition of rurality

Lead author: Silvia Vilches, Assistant Professor and Extension Specialist, Auburn University

*“Services for young children in northern and rural communities are structured with a one-size-fits-all funding model that inadvertently disadvantages lower population density areas. The results of this research affirm the value of developing a more effective rural service delivery model for families with children with typical and atypical development.”*



### Social and physical environments in early development predict DNA methylation of inflammatory genes in young adulthood

Co author: Prof. Michael Kobor, HELP faculty, University of British Columbia

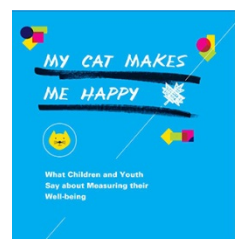
*“Environments in infancy and childhood influence levels of inflammation in adulthood—an important risk factor for multiple diseases of aging such as cardiovascular disease—but the underlying biological mechanisms remain uncertain. We provide evidence that nutritional, microbial, and psychosocial exposures in infancy and childhood predict adult levels of DNA methylation—biochemical marks on the genome that affect gene expression—in genes that regulate inflammation. These results point toward DNA methylation as a potentially important biological mechanism through which developmental environments shape inflammatory phenotypes across the life course.”*



### My cat makes me happy. What children and youth say about measuring their well-being

UNICEF CANADA

*“The children and youth we spoke to across the country, who fearlessly and sensitively shared their views on what well-being means to them, are telling us what they need and what we should be paying attention to. The physical health and educational achievement outcomes we place a premium on have to be balanced with the mental, emotional and spiritual well-being that young people tell us is critical to their progress.”*



## HUMAN DEVELOPMENT RESEARCH REVIEW

### HELP FACULTY and AFFILIATE (selected publications)

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3. 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>.
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### HELP RESOURCES

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### BIOLOGY/NEUROBIOLOGY (“early experiences”)

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### CHILDCARE, ECD SERVICES

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2. Bowne JB, Magnuson KA, Schindler HS, Duncan GJ, Yoshikawa H. **A meta-analysis of class sizes and ratios in early childhood education programs: Are thresholds of quality associated with greater impacts on cognitive, achievement, and socioemotional outcomes?** *Educational Evaluation & Policy Analysis.* 2017;39(3):407-28. Available from: <http://journals.sagepub.com/doi/abs/10.3102/0162373716689489>.

3. Bromer J, Korfmacher J. **Providing high-quality support services to home-based child care: a conceptual model and literature review.** *Early Education & Development.* 2017;28(6):745-72. Available from: <http://www.tandfonline.com/doi/abs/10.1080/10409289.2016.1256720?journalCode=heed20>.
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## INDIGENOUS

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## MIDDLE YEARS

### PARTNERSHIPS, HUBS, INTEGRATED CENTRES/SERVICES

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## POLICY, PRACTICE, INTERVENTIONS

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## SCREENING (tools, methods, school readiness, etc)

1. Bradley-Klug K, Shaffer-Hudkins E, Lynn C, Jeffries DeLoatche K, Montgomery J. **Initial development of the Health Literacy and Resiliency Scale: Youth version.** Journal of Communication in Healthcare. 2017;10(2):100-7. Available from: <http://www.tandfonline.com/doi/full/10.1080/17538068.2017.1308689>.
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## SOCIAL DETERMINANTS

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## SOCIOEMOTIONAL

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6. Janus KC, Lehrer MH, Gloria CT, Steinhardt MA. **Resilience moderates the effect of stress on depressive symptoms in adolescent girls.** Health Behavior and Policy Review. 2017;4(3):235-44. Available from: <http://www.ingentaconnect.com/content/psp/hbpr/2017/00000004/00000003/art00004>  
<https://doi.org/10.14485/HBPR.4.3.4>.
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10. UNICEF Canada, Students Commission of Canada. **My cat makes me happy. What children and youth say about measuring their well-being** Toronto, ON: UNICEF Canada; 2017 Aug. Available from: [http://www.unicef.ca/sites/default/files/2017-08/UNICEF\\_One%20Youth%20Report.pdf](http://www.unicef.ca/sites/default/files/2017-08/UNICEF_One%20Youth%20Report.pdf).
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## MEDIA (HELP general)

## MEDIA (Kershaw, Generation Squeeze)

1. **Rising old age security spending dampened by CPP increases: Report.** The Hamilton Spectator (Online). 2017.

## SPECIAL

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