

Curriculum vitae
Dr CHAN, Meingold Hiu-Ming

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RESEARCH INTEREST

Socio-emotional development ♦ Family emotion socialization ♦ Sociocultural/structural contexts
Social Epigenetics ♦ Advanced quantitative methods

EDUCATION

Ph.D. , Human Development and Family Science, The Ohio State University (OSU)	2021
<ul style="list-style-type: none">• Graduate Interdisciplinary Specialization in Quantitative Research Method• Dissertation: <i>Maternal Emotion Socialization and Young Children's Socioemotional Development from a Cultural Perspective</i>• Committee: Xin Feng (Chair), Sarah Schoppe-Sullivan, Leslie Moore, Jen Wong	
Master of Philosophy , Social and Developmental Psychology, University of Cambridge	2016
Bachelor of Social Sciences , Psychology and Counselling (First Class Honor), University of Hong Kong	2015

CURRENT ACADEMIC POSITION

Assistant Professor, Department of Human Development and Family Science, Purdue University	2025 - present
Postdoctoral Research Fellow, Kobor Lab, Department of Medical Genetics & BC Children's Hospital Research (BCCHR) Institute, University of British Columbia	2021 - 2025

FELLOWSHIP/GRANTS

Canadian Institutes of Health Research Postdoctoral Fellowship Award (CAD 140,000)	2024
The International Society for the Study of Behavioural Development (ISSBD) 2 x 2 Grant for Early Career Scholars (USD 5,000)	2024
BCCHR "Society-to-cell" Clyde Hertzman Memorial Fellowship (CAD 20,000)	2023
BCCHR Postdoctoral Healthy Start Fellowship (CAD 20,000)	2023
Humanity and Social Science Youth foundation of Ministry of Education, Co-I (RMB 80,000)	2023
BCCHR "Society-to-cell" Clyde Hertzman Memorial Fellowship (CAD 20,000)	2022
Hong Kong Research Impact Fund, International collaborator (HKD 6,664,600)	2022
Hong Kong General Research Fund, Co-I (submitted but not awarded)	2021
OSU College of Education and Human Ecology Dissertation Research Fellowship (USD 23,040)	2020
Global Gateway Graduate Student Research Abroad Grant (USD 1,000)	2019
OSU Alumni Grants for Graduate Research and Scholarship (USD 4,950)	2019
OSU University Fellowship (USD 25,296)	2017

AWARDS

BCCHR Trainee Travel Award	2023
Summer Institute on Biological Approaches in the Social Sciences, The Russell Sage Foundation	2022
OSU Pauline A. Weaver Scholarship Fund	2020
OSU EHE Office of Research Graduate Student Travel Grant	2018, 2019, 2020
OSU The Lucile and Roland Kennedy Scholarship Fund in Human Ecology	2018, 2019, 2020
OSU The Myrtle Wolcott Cram Scholarship Fund	2017
OSU Ruth Jane Yauger Scholarship Fund	2017
Dean's Honours List, Faculty of Social Sciences, The University of Hong Kong	2013, 2015
AIA Foundation Scholarship 2014, AIA Hong Kong	2014

PEER REVIEWED PUBLICATIONS/PRE-PRINT

- Chan, M. H.M.**, Feng, X., Gong, Y., & Inboden, K. (2025). Longitudinal changes in preschoolers' self-reported psychological and social problems: Feasibility, reliability, and cross-informant agreement. *Child Psychiatry & Human Development* . <https://doi.org/10.1007/s10578-025-01864-w>
- Feng, X., Gong, Y., **Chan, M. H.-m.**, Inboden, K., & Wang, Q. (2025). Mother–child reminiscing of emotional events during the pandemic: The role of changing family relationships and maternal prepandemic depression. *Developmental Psychology*. Advance online publication. <https://doi.org/10.1037/dev0002036>
- Chan, M. H.**, Meijer, M., Merrill, S. M., Fu, M., Lin, D., MacIsaac, J. L., Ramadori, K., Riis, J., Granger, D., Kobor, M. S., & Thomas, E. (2025). Not all saliva samples are equal: The role of cellular heterogeneity in DNA methylation and epigenetic age analyses with biological and psychosocial factors. *bioRxiv*. <https://doi.org/10.1101/2024.11.08.621377>
- Chan, M. H.**, Feng, X., Wang, Z., & Wang, L. (2025). Maternal meta-emotion philosophy across cultures: How Beijing Chinese, Hong Kong Chinese, and European American mothers make sense of dismissing children's negative emotions. *PsyArxiv*. <https://doi.org/10.31234/osf.io/q56ab>
- Gong, Y., Feng, X., **Chan, M. H.**, & Slesnick, N. (2024). Prospective associations of maternal depressive symptoms and emotion dysregulation with children's internalizing problems: The moderating role of fathers. *Child Psychiatry & Human Development*. <https://doi.org/10.1007/s10578-024-01752-9>
- Chan, M. H. M.**, Merrill, S. M., Konwar, C., & Kobor, M. S. (2023). An integrative framework and recommendations for the study of DNA methylation in the context of race and ethnicity. *Discover Social Science and Health*, 3(1), 9. <https://link.springer.com/article/10.1007/s44155-023-00039-z>
- Chan, M. H.**, Merrill, S. M., Fatima, F., MacIsaac, J. L., Obradovic, J., Boyce, T., & Kobor, M. S. (2023). Cross-tissue specificity of pediatric DNA methylation signals and cumulative family adversity. *bioRxiv*. <https://doi.org/10.1101/2023.10.04.559423>
- Foley, S., Ronchi, L., Lecce, S., Feng, X., **Chan, M. H.**, Hughes, C. & i-FAM COVID-19 Consortium (2022). Cross-cultural equivalence of parental ratings of child difficulties during the pandemic: findings from a six-site study. *International Journal of Methods in Psychiatric Research*. <https://doi.org/10.1002/mpr.1933>.
- Chan, M. H.-m.**, Feng, X., Inboden, K., Hooper, E. G., & Gerhardt, M. (2021). Dynamic, bidirectional influences of children's emotions and maternal regulatory strategies. *Emotion*. Advance online publication. <https://doi.org/10.1037/emo0001005>.
- Ribner, A. D., Coulanges, L., Friedman, S., Libertus, M. E., Hughes, C., Foley, S., Devine, R., Fink, E., Selby, A., Brocki, K., Frick, M., Badinlou, F., Feng, X., **Chan, M.**, Slaughter, V., Clark, S., Su, Y., Wan, S., Lecce, S., ... Silver, A. (2021). Screen time in the Coronavirus 2019 era: International trends of increasing use among 3- to 7-year-old children. *The Journal of Pediatrics*, 239, 59-66.e1. <https://doi.org/https://doi.org/10.1016/j.jpeds.2021.08.068>
- Gerhardt, M., Feng, X., & **Chan, M. H.-m.** (2021). Long-term association of parental warmth with depression and obesity: Mediation by conscientiousness. *Health Psychology*, 40(3), 188–195. <https://doi.org/10.1037/hea0001061>

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- Chan, M. H.,** Wang, Z., Devine, R. T., & Hughes, C. (2020). Parental mental-state talk and false belief understanding in Hong Kong children. *Cognitive Development*, 55, 100926. <https://doi.org/https://doi.org/10.1016/j.cogdev.2020.100926>
- Chan, M. H.,** Gerhardt, M., & Feng, X. (2019). Measurement invariance across age groups and over twenty years' time of the Negative and Positive Affect Scale (NAPAS). *European Journal of Psychological Assessment*. <https://doi.org/10.1027/1015-5759/a000529>
- Wu, Q., Feng, X., Hooper, E. G., Gerhardt, M., Ku, S., & **Chan, M. H. M.** (2019). Mother's emotion coaching and preschooler's emotionality: Moderation by maternal parenting stress. *Journal of Applied Developmental Psychology*, 65, 101066. <https://doi.org/10.1016/j.appdev.2019.101066>
- Gerhardt, M., Feng, X., Wu, Q., Hooper, E. G., Ku, S., & **Chan, M. H.** (2019). A naturalistic study of parental emotion socialization: Unique contributions of fathers. *Journal of family psychology: JFP: journal of the Division of Family Psychology of the American Psychological Association (Division 43)*. <https://doi.org/10.1037/fam0000602>
- Tse, C. S., **Chan, M. H. M.,** Tse, W. S., & Wong, S. W. H. (2019). Can the testing effect for general knowledge facts be influenced by distraction due to divided attention or experimentally-induced anxious mood?. *Frontiers in Psychology*, 10, 969. <https://doi.org/10.3389/fpsyg.2019.00969>
- Gu, X., Tse, C. S., & **Chan, M. H.** (2019). Are older adults in Hong Kong “living in history” in their autobiographical memories?. *Applied Cognitive Psychology*. <https://doi.org/10.1002/acp.3603>
- Chan, M. H.,** & Tseng, C. H. (2017). Yawning detection sensitivity and yawning contagion. *i-Perception*, 8(4), 2041669517726797. <https://doi.org/10.1177/2041669517726797>

MANUSCRIPT UNDER REVIEW/ IN PREPARATION

- Chan, M. H.,** Feng, X., Wang, Z., & Wang, L (Revise & Resubmit). Maternal meta-emotion philosophy across cultures: How Beijing Chinese, Hong Kong Chinese, and European American mothers make sense of dismissing children's negative emotions. *Journal of Cross-Cultural Psychology*.
- Chan, M. H.,** Merrill, S. M., Fatima, F., MacIsaac, J. L., Obradovic, J., Boyce, T., & Kobor, M. S. (Revise & Resubmit). Cross-tissue specificity of pediatric DNA methylation signals and cumulative family stress. *Developmental Psychobiology*.
- Chan, M. H.,** Meijer, M., Merrill, S. M., Fu, M., Lin, D., MacIsaac, J. L., Ramadori, K., Riis, J., Granger, D., Thomas, E., & Kobor, M. S. (Under review). Not all saliva samples are equal: The role of cellular heterogeneity in DNA methylation and epigenetic age analyses with biological and psychosocial factors. *Psychoneuroendocrinology*.
- Chan, M. H.,** Friedlmeier, W., Kathuria, T., Feng, X., Wang, Z., & Wang, L (Invited submission for special issue). *Parental Emotion Socialization in Indian, Chinese, and European American Families: The Role of Culturally Embedded Factors*. *Frontiers in Psychology*.
- Gong, Y., Feng, X., **Chan, M. H.,** & Inboden, K. (Revise & Resubmit). From crisis to coping: Family processes and maternal-child psychological well-being during COVID-19. *American Journal of Orthopsychiatry*.
- Ha, A., Zeng, T., **Chan, M. H.,** Chan, C., Okely, T., Leung, S., & Ng, J. (Under review). *The Associations of Fundamental Movement Skills, Executive Functioning, and Psychosocial Health Among Preschoolers: A Structural Equation Model*
- Ha, A., Zeng, T., **Chan, M. H.,** Chan, C., Okely, T., Leung, S., & Ng, J. (Under review). *Effects of a Teacher-led Social Cognitive Theory-based Multicomponent Movement Education Program on*

- Chan, M. H.**, Feng, X., Wang, Z., & Wang, L. (In preparation). *Culturally Adaptive Maternal Emotion Socialization: A Three-Site Study*.
- Chan, M. H.**, Merrill, S. M., Zhuang, B., Lin, D., MacIsaac, J. L., Miegakanda, V., Lew-Levy, S., Boyette, A. H., Kobor, M. S., & Gettler, L. T. (In preparation). *Children's DNA Methylation and Family Dynamics in a Congo Basin subsistence community: Links with Parental Conflict and Fathers' Caregiving*.
- Chan, M. H.**, Merrill, S. M., Meijer, M., Navarro-Delgado, E., Konwar, C., MacIsaac, J., LeWinn, K., Zhao, Q., Mason, A., Smith, A., Bush, N., & Kobor, M. (In preparation). *Converging and Diverging DNA Methylation Patterns of Childhood Internalizing and Externalizing Behaviors*.
- Wang, J., Gong, Y., **Chan, M. H.**, Feng, X. (In preparation). *Assessing Parent-child Emotional Contingency in Naturalistic Settings with Sentiment Analysis: The Roles of Child Temperaments*.
- Meijer M., Fu, M., Navarro-Delgado, E., Engelbrecht, H., Turecki, G., **Chan, M. H.**, & Kobor, M. S. (In preparation) *Leaping Over The Blood-brain Barrier: DNA Methylation as the Link Between Peripheral and Central Nervous Immune Systems*
- Engelbrecht, H., **Chan, M. H.**, Merrill, S. M., Gladish, N., McEwen, L. M., MacIsaac, J., Dever, K., Dow, W., Rosero-Bixby, L., Rehkopf, D. H., Kobor, M. S., Cardenas, A. (In preparation). *Living longer, aging faster – accelerated epigenetic aging in a Costa Rican longevity region*.
- Chan, M. H.**, Feng, X., Wang, Z., & Wang, L (In preparation). *Cross- and Within-Culture Comparison of Maternal Emotion Socialization in Chinese and US families: A Mixed Methods Study*.
- Chan, M. H.**, Merrill, S., Zhuang, B., MacIsaac, J., & Kobor, M. (In preparation). *Differential DNA Methylation Regions Associated with Paternal Involvement in Children From the Congo Basin Bandongo Community*.
- Gong, Y, Wang, J., Feng, X., & **Chan, M. H.** (In preparation). *Assessing Parent-child Emotional Co-regulation in Naturalistic Settings with Sentiment Analysis: The Roles of Child Temperament*
- Inboden, K., **Chan, M. H.**, Feng, X., Gerhardt, M., & Hooper, E. (In preparation). *Maternal Emotion Socialization in the Home and Preschoolers' Regulation of Anxiety: Moderation by Child Temperament*.

INVITED TALK

- Chan, M. H.** (2025, January). *A Biopsychosocial Perspective on Early Experience Shaping Health and Development: Exploring the Role of Epigenetics*. Invited talk in the Department of Human Development and Family Science, Purdue University, West Lafayette.
- Chan, M. H.** (2025, January). *The Biological Embedding of Early Life Experiences and Mental Health: The Role of Epigenetics*. Invited talk in the Health Psychology Workgroup, University of British Columbia, Vancouver.
- Chan, M. H.** (2024, December). *A Biopsychosocial Perspective on Early Experience Shaping Health and Development: Exploring the Role of Epigenetics*. Invited talk in the Center of Developmental Science, University of Georgia, Athens.
- Chan, M. H.** (2024, February). *Analytical consideration of using pediatric saliva in DNA methylation research*. Invited talk in the Origins of Child Health and Disease Seminar series, BC Children's Hospital Research Institute, Vancouver.

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- Chan, M. H.** (2024, January). *A biopsychosocial perspective on child development: The role of family, culture, and epigenetics*. Human Development & Family Sciences Colloquium, College of Education, University of Houston, Texas, United States.
- Chan, M. H.** (2023, November). *High interindividual heterogeneity of cell type proportions in pediatric saliva & how to handle it in DNA methylation analyses*. Invited talk in the Centre for Molecular Medicine and Therapeutics talk series, BC Children's Hospital Research Institute, Vancouver.
- Chan, M. H.** (2023, October). *How do we study DNA methylation in the context of race and ethnicity: An integrative framework and actionable recommendations*. Invited talk in the Race, Ethnicity and Health Equity Scientific Interest Group for the Women's Health Initiative, United States.
- Chan, M. H.** (2023, September). *An integrative framework and recommendations for the study of DNA methylation in the context of race and ethnicity*. Invited talk in Society for Epidemiological Research (SER). University of Michigan, United States.
- Chan, M. H.** (2023, May). *A review and framework of best practices for the study of DNA methylation in the context of race and ethnicity*. Invited talk in Centre for Molecular Medicine and Therapeutics (CMMT) Talk 2022-2023 Series. BC Children's Hospital Research Institute, Vancouver, Canada.
- Chan, M. H.,** Merrill, S., Fatima, F., MacIssac, J., Obradovic, J., Boyce, T., & Kobor, M. S. (2023, January). *Differential DNA methylation associated with cumulative family adversity in children*. Invited talk in Trainee Omic Group (TOG) seminar series 2022-2023. BC Children's Hospital Research Institute, Vancouver, Canada.

CONFERENCE PRESENTATIONS

Paper presentations

- Engelbrecht, H., **Chan, M. H.**, Merrill, S. M., Gladish, N., McEwen, L. M., MacIsaac, J., Dever, K., Dow, W., Rosero-Bixby, L., Rehkopf, D. H., Kobor, M. S., Cardenas, A. (2025, June). *Interrogating Epigenetic and Physiological Indicators of Biological Age in a Costa Rican High-Longevity Region*. Paper presented in Pathways to Progress: Innovations Driving the Future of Geroscience, Vancouver, BC, Canada.
- Engelbrecht, H., **Chan, M. H.**, Merrill, S. M., Gladish, N., McEwen, L. M., MacIsaac, J., Dever, K., Dow, W., Rosero-Bixby, L., Rehkopf, D. H., Kobor, M. S., Cardenas, A. (2025, February). *Interrogating Epigenetic and Physiological Indicators of Biological Age in a Costa Rican High-Longevity Region*. Paper presented in Edwin S.H. Leong Centre for Healthy Aging Research Day, Vancouver, BC, Canada.
- Chan, M. H.**, Merrill, S. M., Zhuang, B., Lin, D., MacIsaac, J. L., Miegakanda, V., Lew-Levy, S., Boyette, A. H., Kobor, M. S., & Gettler, L. T. (2024, November). *The biological embedding of father-rated parental conflict and caregiving through DNA methylation in Bandongo children from the Congo Basin*. Paper presented in 2024 National Council of Family Relation, Bellevue, Washington, USA.
- Chan, M. H.**, Merrill, S., Fatima, F., MacIssac, J., Obradovic, J., Boyce, T., & Kobor, M. S. (2023, November). Biological embedding of maternal depression and stress through DNA methylation among school-aged children in Canada. In Ku, S. (Chair), *Predictors and Child Outcomes of Maternal Depression from a Biopsychosocial Perspective*. Symposium in 2023 National Council of Family Relation. Orlando, Florida, USA.
- Chan, M. H.**, Feng, X., Wang, Z., & Wang, L., (2023, March). Cross- and within-culture comparison of maternal emotion socialization in China and the USA: A mixed methods study. In Zhu & Friedlmeier (Chair), *Parental Emotion Socialization Around the World: A Close Look at Culturally Embedded Guiding Factors*. Symposium in 2023 Biennial meeting of the Society of Research in Child Development. Salt Lake City, Utah, USA.

Feng, X., **Chan, M. H.**, Inboden, K., Gong, Y., & Wang, Q. (2023, March). Maternal depression and mother-child reminiscing of emotional events during the pandemic. In Koh & Wang (Chair), *Learning Through Parent-Child Conversations in Diverse Contexts*. Symposium in 2023 Biennial meeting of the Society of Research in Child Development. Salt Lake City, Utah, USA.

Chan, M. H., Merrill, S., Fatima, F., MacIssac, J., Obradovic, J., Boyce, T., & Kobor, M. S. (2022, December). *Discovering DNA methylation signals associated with family adversity*. UBC Postdoc Research Day 2022. University of British Columbia, Vancouver, Canada.

Chan, M. H., Merrill, S., Fatima, F., MacIssac, J., Obradovic, J., Boyce, T., & Kobor, M. S. (Submitted but declined). Biological embedding of family adversity through DNA methylation among school-aged children in Canada. In **M. H. Chan** (Chair), *From Society to Cell, Physiology, and Brain: The Biological Embedding of Psychosocial Adversity*. Symposium in 2023 Biennial meeting of the Society of Research in Child Development.

Chan, M. H., Feng, X., Inboden, K., & Hooper, E. G. (2022, June). Temporal, bidirectional relations between child anxiety and maternal regulatory strategies. In X. Feng (Chair), *Mother-Child Biobehavioral Coregulation in the U.S. and Chinese Families*. Symposium conducted in 26th Biennial meeting of International Society for the Study of Behavioral Development, Island of Rhode, Greece.

Feng, X., Yan, J., Gerhardt, M., & **Chan, M. H.** (2022, June). The synchrony of mother-child parasympathetic regulation during a challenging situation. In X. Feng (Chair), *Mother-Child Biobehavioral Coregulation in the U.S. and Chinese Families*. Symposium conducted in 26th Biennial meeting of International Society for the Study of Behavioral Development, Island of Rhode, Greece.

Inboden, K., Feng, X., **Chan, M. H.**, Gerhardt, M., & Hooper, E. (2022, June). Maternal emotion socialization in the home and preschooler's regulation of anxiety: moderation by child temperament. In E. G. Hooper (Chair), *Development across Preschool Years in Emotional and Executive Functioning: Roles of Maternal Depressive Symptoms, Emotionality, and Emotion Coaching*. Symposium conducted in 26th Biennial meeting of International Society for the Study of Behavioral Development, Island of Rhode, Greece.

Chan, M. H., Feng, X., Gerhardt, M., & Inboden, K., (2021, April). Dynamic, bidirectional influences of children's emotions and maternal regulatory strategies. In **M. H. Chan** (Chair), *Dynamics of Children's Emotion Regulation and Mother's Regulatory Strategies in Relation to Maternal and Child Characteristics*. Symposium in 2021 Biennial meeting of the Society of Research in Child Development, Online.

Chan, M. H., Feng, X., Gerhardt, M., Inboden, K., & Hooper, E. G. (2020, November). Temporal, bidirectional relations between mother's regulatory behavior and child emotion expression. In X. Feng (Chair), *Emotional and physiological coregulation between children and mothers: Associations with maternal depression and child problem behaviors*, Symposium conducted in 6th International Congress of Clinical and Health Psychology on Children and Adolescents, Online.

Chan, H. M., Feng, X., Gerhardt, M., Wu, Q., & Ku, S. (2018, July). Interaction between child's emotion regulation flexibility and parenting stress in predicting problem behaviors. In X. Feng (Chair), *Transactional relations between maternal parenting behavior and child emotional and cognitive regulation*. Symposium conducted in 25th Biennial meeting of International Society for the Study of Behavioral Development, Gold Coast, Australia.

Poster presentation

Engelbrecht, H., **Chan, M. H.**, Merrill, S. M., Gladish, N., McEwen, L. M., MacIsaac, J., Dever, K., Dow, W., Rosero-Bixby, L., Rehkopf, D. H., Kobor, M. S., Cardenas, A. (2024, November). *Why so Blue (Zone)? Using a structural equation modeling approach to investigate the relationship between epigenetic age acceleration and the Healthy Aging Index in the Costa Rican Blue Zone*. Poster presented at Biomarkers of Aging, Boston, MA, United States.

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- Chan, M. H.**, Merrill, S. M., Meijer, M., Navarro-Delgado, E., Konwar, C., MacIsaac, J., LeWinn, K., Zhao, Q., Mason, A., Smith, A., Bush, N., & Kobor, M. (2025, April). *Converging and Diverging DNA Methylation Patterns of Childhood Internalizing and Externalizing Behaviors*. Poster presented at 2025 Society of Biological Psychiatry Annual Meeting, Toronto, Canada.
- Chan, M. H.**, Merrill, S. M., Meijer, M., Navarro-Delgado, E., Konwar, C., MacIsaac, J., LeWinn, K., Zhao, Q., Mason, A., Smith, A., Bush, N., & Kobor, M. (2025, May). *Converging and Diverging DNA Methylation Patterns of Childhood Internalizing and Externalizing Behaviors*. Poster presented at 2025 Biennial meeting of the Society of Research in Child Development, Minnesota, United States.
- Chan, M. H.**, Merrill, S. M., Zhuang, B., Lin, D., MacIsaac, J. L., Miegakanda, V., Lew-Levy, S., Boyette, A. H., Kobor, M. S., & Gettler, L. T. (2024, October). *DNA Methylation Associations with Father-reported Parental Conflict and Paternal Caregiving in Children From Bandongo Fisher-farmers in the Congo Basin*. Poster presented at the 57th Annual Meeting of the International Society for Developmental Psychobiology, Chicago, United States.
- Meijer M., Fu, M., Navarro-Delgado, E., Engelbrecht, H., **Chan, M. H.**, & Kobor, M. S. (2024, October). *Leaping Over The Blood-brain Barrier: DNA Methylation as the Link Between Peripheral and Central Nervous Immune Systems*. Paper presented in the World Congress of Psychiatric Genetics (WCPG) 2024, Singapore.
- Chan, M. H.**, Merrill, S. M., Zhuang, B., Lin, D., MacIsaac, J. L., Miegakanda, V., Lew-Levy, S., Boyette, A. H., Kobor, M. S., & Gettler, L. T. (2024, June). *The Biological Embedding of Parental Conflict and Paternal Caregiving via DNA Methylation in Children From Bandongo Fisher-farmers in The Congo Basin*. Poster presented at 27th Biennial meeting of International Society for the Study of Behavioral Development, Lisbon, Portugal.
- Chan, M. H.** (2024, March). *Considerations for Cell Type Heterogeneity in Pediatric Saliva for DNA Methylation Analyses*. Poster presented at the BIG Research Day 2024. University of British Columbia, Vancouver, Canada.
- Chan, M. H.** (2024, February). *Considerations for Cell Type Heterogeneity in Pediatric Saliva for DNA Methylation Analyses*. Poster presented at the Healthy Start Research Day 2024, BC Children's Hospital Research Institute, Vancouver, Canada.
- Chan, M. H.**, Merrill, S., Fatima, F., MacIsaac, J., Obradovic, J., Boyce, T., & Kobor, M. S. (2023, February). *Differential DNA methylation associated with cumulative family adversity*. Poster presented at the Healthy Start Research Day 2023. University of British Columbia, Vancouver, Canada.
- Chan, M. H.**, Feng, X., & Inboden, K. (2022, June). *Feasibility, reliability, and validity of the Berkeley Puppet Interview with preschoolers*. Poster presented at 26th Biennial meeting of International Society for the Study of Behavioral Development, Island of Rhode, Greece.
- Gong, Y., Feng, X., Inboden, K., & **Chan, M. H.** (2022, March). *Maternal Psychological health in Relation to Children's Emotion Adjustment during the pandemic*. Eastern Psychological Association 2022.
- Gong, Y., Feng, X., Inboden, K., & **Chan, M. H.** (2022, June). *Family life changes due to the COVID-19 pandemic: Influences on maternal psychological health and children's emotional adjustment*. Poster presented at 26th Biennial meeting of International Society for the Study of Behavioral Development, Island of Rhode, Greece.
- Inboden, K., Pittman, P., **Chan, M. H.**, Gerhardt, M. (2022, June). *Racial/ethnic differences in the associations between adolescents' maternal relationship satisfaction, religious beliefs, and self-reported depressive symptoms*. Poster accepted at 26th Biennial meeting of International Society for the Study of Behavioral Development, Island of Rhode, Greece.

Sato, K., Matout, H., **Chan, M.**, Hatori, Y., Kuriki, I., & Tseng, C. H. (2019, July). *Cross-cultural differences in sensitivity detection of yawning faces*. Poster presented at the 15th Asia-Pacific Conference Vision (APCV), Osaka, Japan.

Gu, X., Tse, C.-S., & **Chan, M. H.** (2019, May). *The contents and organization of autobiographical memories across the lifespan in older Chinese adults in Hong Kong*. Poster presentation at the 2nd Sino-US Forum of Psychological Aging, Sino-US FPA, Tianjing, China.

Chan, M. H., Gerhardt, M., & Feng, X. (2019, March). *Application of machine learning: Analyzing family emotional climate with sentiment analysis using R packages*. Poster presented at 2019 Biennial meeting of the Society of Research in Child Development, Maryland, United States.

Tse, C., **Chan, H. M.**, Tse, W. V., & Wong, W. S. (2019, March). *Does experimentally-induced test-relevant anxious mood influence the effectiveness of test-enhanced learning in young adults?* Poster presented at 2019 International Convention of Psychological Science (ICPS), Paris, France

Tse, C., **Chan, H. M.**, Tse, W. V., & Wong, W. S. (2017, Nov). *The effects of divided attention and experimentally-induced anxious mood on test-enhanced learning of general knowledge facts*. Poster presented at 58th Annual Meeting of the Psychonomic Society, Vancouver, Canada.

Chan, H. M., & Tseng, C. H. (2017, July). *Perceptual sensitivity of yawning and contagious yawning*. Poster presented at 7th Joint Action Meeting, London, United Kingdom.

UNDERGRADUATE CONFERENCE POSTERS (*indicate mentored undergraduates)

Zhou, M. *, **Chan, M. H.**, Feng, X. (2022, June). *The relationship between Chinese mothers' attitude towards family emotion-related practices and their meta-emotion philosophy*. Poster presented at 26th Biennial meeting of International Society for the Study of Behavioral Development, Island of Rhode, Greece.

Arnipalli, S. *, **Chan, M.**, & Feng, X. (2022, June). Culturally inclusive coding manual for quantifying the relationship between socialization goals and sources. Poster presented at Quantitative Methodology Center 22 Conference, Ohio, United States.

Zhou, M. *, **Chan, M. H.**, Feng, X. (2021, December). *The relationship between Chinese mothers' attitude towards family emotion-related practices and their meta-emotion philosophy*. Poster presented at Asia-Pacific BabyLab Constellation (ABC)'21 conference, Hong Kong.

Shephard, M. *, Feng, X., **Chan, M. H.**, Inboden, K. (2021, April). *Specific and over-general Autobiographical Memory in preschool-aged children of depressed and nondepressed mothers*. Poster presented at 27th Denman Research Forum, Ohio, United States.

Shanvanth, A. *, **Chan, M.**, & Feng, X. (2021, April). *Socialization goals of European American mothers*. Poster presented at CFAES Undergraduate Research Forum, Ohio, United States.

Pomponio, R. *, **Chan, M.**, Gerhardt, M., & Feng, X. (2020, May). *Examining the links between maternal depression and child behaviour regulation*. Poster presented at the 29th Annual Psychology Undergraduate Research Conference, Online.

Hauck, H. *, Gerhardt, M., **Chan, M.**, Inboden, K., & Feng, X. (2019, November). *Relating effortful control in young children to maternal depressive symptoms, race, education level, and child gender*. Poster presented at Education and Human Ecology Research Forum, Ohio, United States.

Applegate, D. *, Gerhardt, M., **Chan, M.**, Inboden, K., & Feng, X. (2019, November). *Familial factors contributing to child emotion regulation: A longitudinal study*. Poster presented at Education and Human Ecology Research Forum, Ohio, United States.

PSYC 307 Cultural Psychology

Guest lecturer| *University of British Columbia*| 110 undergraduates| *Spring 2022*

Topic: *Qualitative & Mixed Method Research in Cultural Psychology* (Online)

Topic: *Cultural Differences in Family Emotion socialization* (In-person)

HDFS 2900 Research Method in Human Ecology (In-person)

Guest lecturer| *The Ohio State University*| 45 undergraduates| *Spring 2019*

Topic: *Qualitative Research Method*

HDFS 2410 Child Development (In-person)

Guest lecturer| *The Ohio State University*| 45 undergraduates| *Fall 2019 & 2017*

Topic: *Theory of mind in early childhood* (Fall 2019)

Topic: *Theory of mind & Autism* (Fall 2017)

Teaching Assistantships

HDFS American Family Issues (online)

Graduate Teaching Associate | *The Ohio State University*| 200 undergraduates| *Summer 2020*

LEADERSHIP

International Society for the Study of Behavioural Development Award Committee	2025-2026
Society of Research in Child Development (SRCD) Emotion Preconference 2025 Organizer	2025
SRCD Emotion Preconference 2023 Organizer <ul style="list-style-type: none">• Conceptualized and organized a hybrid Emotion Preconference for 2023 Biennial meeting of the SRCD• Provided a half-day interactive and dynamic program for 47 in-person and 26 online participants• Invited and communicated with selected panelists (Drs. Amy Halberstadt, Xin Feng, Fantasy Lozada, and Ka I Ip) and flash talk speakers	2023
UBC Faculty of Medicine Postdoctoral Fellow (PDF) Advisory Group <ul style="list-style-type: none">• Advise the Associate Dean, GPE on matters relating to the PDF training and experience in the Faculty of Medicine• Provide insight and understanding of the solutions to the issues perceived by PDFs to enhance their trainee experience.• Suggest areas of improvement from a PDF perspective.• Liaise with The Postdoctoral Fellows Office and UBC Postdoctoral Association to encourage UBC-wide postdoctoral connection and experience.	2022
Principal investigator <ul style="list-style-type: none">• Independently conceptualized and designed a multi-site, cross-cultural research study on “<i>Maternal Emotion Socialization and Young Children’s Socioemotional Development from a Cultural Perspective</i>”• Secured three internal grants to support data collection and analyses• Coordinated with three international co-investigators across three institutions – The Ohio State University, The Education University of Hong Kong, and Peking University• Onboarded, trained, and supervised 20 team members across three sites in Columbus, Ohio, Hong Kong, and Beijing, China• Disseminated research findings through national and international conferences	2019-2021
Project Leader <ul style="list-style-type: none">• Onboarded, trained, and supervised over 20 research assistants	2017-2021

- Designed and refined research protocol for a longitudinal, observational study investigating maternal depression and mother-child interaction
- Led 5 independent human behavioral coding projects (created coding manual and led weekly meeting)
- Developed training protocol and trained over 10 human experimenters

Human Development and Family Science Representative 2020-2021

Ohio State University, College of Education and Human Ecology's Graduate Student Advisory Council

- Met with graduate students and the Dean of the College of Education and Human Ecology's Graduate Student to voice concerns of graduate students, especially issues on diversity, equity, and inclusion

Graduate student liaison officer 2019-2021

Ohio State University, Human Development and Family Science Undergraduate Organization

PROFESSIONAL TRAINING

2024 Future of Families Summer Data Workshop 2024

Columbia University's School of Social Work, New York, United States

Exploring the Opportunities and Ethical Considerations of Generative AI in Teaching and Learning 2023

University of British Columbia, Centre for Teaching, Learning, and Technology

Teaching Students to Think Culturally about Developmental Psychology 2022

Pearson Psychology (Online)

Summer Institute on Biological Approaches in the Social Sciences 2022

The Russell Sage Foundation & Northwestern University

Certified CIRTL Practitioner 2022

Centre for the Integration of Research, Teaching, and Learning (CIRTL)

Postdoctoral Teaching Internship 2022

University of British Columbia, Centre for Teaching, Learning, and Technology

Postdoctoral Instructional Skills Workshop (ISW) 2022

University of British Columbia, Centre for Teaching, Learning, and Technology

Precision Health Bootcamp Practical Skill Exam

BC Children's Hospital Research Institute

PROFESSIONAL SERVICES

Panelist

- 2025 Panel discussion "The Future of Science: Conversations at a Crossroads", University of British Columbia, Canada
- 2022 Roundtable "Pursuing Graduate Studies in the Humanities and Social Sciences", Hong Kong Studies Initiative (HKSI), University of British Columbia, Canada

Ad-hoc Journal Reviewer

- Child Psychiatry & Human Development
- Journal of Cross-Cultural Psychology
- Journal of Child and Family Studies
- Social Development
- British Journal of Developmental Psychology
- Journal of Family Psychology

- Journal of Autism and Developmental Disorder
- International Association for Cross-Cultural Psychology
- Journal of Psycholinguistic Research

Conference Moderator

- 2025 3 Minute Thesis Competition, BCCHRI
- 2024 BCCHR Summer Student Research Program
- 2022 BCCHR Summer Student Research Program
- 2020 EHE Research Forum, The Ohio State University

Conference Committee/ Judges

- 2024 International Society of Developmental Psychobiology Conference, Chicago, United States
- 2024 CMMT Research Day, Department of Medical Genetics, University of British Columbia
- 2024 3 Minute Thesis Competition, BCCHRI
- 2023 CMMT Research Day, Department of Medical Genetics, University of British Columbia
- 2022 Medical Genetics Research Day, Department of Medical Genetics, University of British Columbia
- 2022 BIG Research Day, Department of Medical Genetics, University of British Columbia
- 2020 Denman Undergraduate Research Forum, The Ohio State University
- 2019 Biennial meeting of Society for Research in Child Development (SRCD) Student Reviewer
- 2019 College of Education and Human Ecology Research Forum Planning Committee
- 2018 EHE Research Forum, The Ohio State University
- 2018 Edward F. Hayes Graduate Research Forum, The Ohio State University
- 2018, 2019 EHE Research Forum, The Ohio State University
- 2017 Fall Undergraduate Research Forum, The Ohio State University

Department Services

- 2019, 2020 Human Development and Family Science Student Graduate School Information session
- 2018, 2019, 2020 Human Development and Family Science Student visit day
- 2018 Human Development and Family Sciences Undergraduate interest group

COMMUNITY SERVICES

Volunteer, BC Children’s Hospital	2022, 2023
Participating in fun activities with children who stayed at the Hospital	
Volunteer English teacher	2015
MOEI Thailand	
Organizer	2012-2013
The University of Hong Kong, Psychology Society & New Life Psychiatric Rehabilitation Association, Hong Kong	

PROFESSIONAL AFFILIATION

- Member*, International Society for Developmental Psychobiology (ISDP)
- Member*, National Council on Family Relations (NCFR)
- Member*, Society of Research in Child Development (SRCD) & SRCD Asian Caucus
- Member*, International Society for the Study of Behavioural Development (ISSBD)

MEDIA

- Interviewed for [BBCnews](#) (“US student visas: ‘We’re at the government’s mercy’”)
- Featured on the “[5-minute Psychology](#)” podcast (“Adult Attachment style”)
- Featured on [Neuroscience News](#) (“Contagious Yawning More Closely Associated With Perceptual Sensitivity Than Empathy”)
- Featured on [Science Daily](#) (“Contagious yawning more closely associated with perceptual sensitivity than empathy”)

HOBBIES

- Badminton (School/College team for 9 years)
- Boxing (Muay Thai, American)
- Painting/drawing (IG: @deer_mr.bear)
- Listening to audiobooks
- Watching American Football
- Rock climbing (certified belayer)