
DEVELOPMENT 2022

A CANADIAN
CONFERENCE
ON DEVELOPMENTAL
PSYCHOLOGY

Program

June 15-16, 2022
Hyatt Regency Calgary, Alberta

PICKERING CENTRE 
for Research in Human Development

CANADIAN
PSYCHOLOGICAL
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DE PSYCHOLOGIE

<https://carleton.ca/pickeringcentre/development2022/>

Development 2022: A Canadian Conference on Developmental Psychology

A Message from the Conference Organizers

Our motivations in organizing *Development 2022* were to: (1) foster and showcase the strength and vitality of Canadian Developmental Psychology; (2) offer the opportunity for Canadian developmental psychology graduate students to participate in the conference at all levels; (3) encourage communication and collaboration among developmental scholars across Canada, and among researchers, practitioners, and policy-makers; and (4) increase awareness and encourage interest in national and international research opportunities for Canadian scholars and students in developmental psychology.

In the 1980s and 1990s, biennial Canadian developmental psychology conferences were held at the University of Waterloo (The Waterloo Conference). The last of these, *Development 2000*, was held to take stock of Canadian developmental psychology at the start of the new millennium. A decade later, we reinstated this tradition and organized *Development 2010* at Carleton University in Ottawa. Since then, this conference has continued to flourish, with the highly successful subsequent conferences *Development 2014* (again at Carleton) and *Development 2018* (at Brock University in St. Catharine's).

As we slowly return to (a new) normal after more than two years of the COVID-19 pandemic – it is a time for renewal, reflection, and exploration of a world forever altered by these experiences. Against this backdrop, we are excited to move forward with *Development 2022*. A quick glance of the conference program reveals the diversity and strength of Developmental Psychology in Canada, as reflected in the content of the poster presentations, lightning talks, symposia, and discussion panels. We are also delighted to welcome our two keynote speakers: Dr. Susan Graham (University of Calgary) and Dr. Marlene Moretti (Simon Fraser University). Dr. Moretti will also receive the *Pickering Award for Outstanding Contribution to Developmental Psychology in Canada*, intended to honour an individual who has made contributions to developmental psychology in the areas of mentorship, leadership, and scholarship.

For the first time, *Development 2022* was coordinated in partnership with the Canadian Psychological Association (CPA). We are extremely grateful to CPA for their extremely generous support, led by Dr. Lisa Votta-Bleeker (Deputy CEO and Director, Science Directorate) and Kimberly Black (Executive Assistant). Their contributions were invaluable! We also wish to thank Dr. Andrea Howard (Director of the Pickering Centre for Research in Human Development) for her leading role in facilitating the organizing of the conference, as well as Dr. Juanita Whalen and Dr. Susan Graham who organized and chaired the committees to adjudicate the student awards. Special thanks are also reserved for our Conference Administrator Alicia McVarnock, as well as the numerous graduate students who assisted with all aspects of the conference. We are also very grateful to our colleagues who adjudicated the student awards.

We welcome you to *Development 2022* and sincerely hope that you enjoy the conference!

Andrea Howard, Anne Bowker, Robert Coplan, Tina Daniels, Susan Graham, Kathleen Hughes, Deepthi Kamawar, Jo-Anne LeFevre, and Monique Sénéchal
Conference Organizers

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Développement 2022: Un congrès canadien en psychologie du développement

Mot des organisateurs

Nos motivations dans l'organisation de Développement 2022 étaient de : (1) favoriser et mettre en valeur la force et la vitalité de la psychologie canadienne du développement; (2) offrir la possibilité aux étudiants diplômés canadiens en psychologie du développement de participer à la conférence à tous les niveaux; (3) encourager la communication et la collaboration entre chercheurs, praticiens et décideurs partout au Canada; et (4) accroître l'intérêt et les occasions de collaborations entre chercheurs et étudiants en psychologie du développement.

Dans les années 1980 et 1990, des conférences biennales canadiennes portant sur la psychologie du développement ont eu lieu à l'Université de Waterloo (The Waterloo Conference). Le dernier d'entre eux, Développement 2000, visait à faire le point sur la psychologie du développement au Canada au début du nouveau millénaire. Une décennie plus tard, nous avons rétabli cette tradition et organisé Développement 2010 à l'Université Carleton à Ottawa. Depuis lors, cette conférence a continué de prospérer, comme en témoignent les réussites de Développement 2014 (toujours à Carleton) et Développement 2018 (à l'Université Brock à St Catharines).

Alors que nous revenons lentement à une (nouvelle) normalité après plus de deux ans de pandémie de COVID-19, c'est un moment de renouveau, de réflexion et d'exploration d'un monde à jamais changé par ces expériences. Dans ce contexte, nous sommes ravis d'aller de l'avant avec Développement 2022. Un rapide coup d'œil au programme de la conférence révèle la diversité et la force de la psychologie du développement au Canada, comme en témoigne le contenu des présentations par affiches, des conférences éclair, des symposiums et des panels de discussion. Nous sommes également ravis d'accueillir nos deux conférencières principales : la Dre Susan Graham (Université de Calgary) et la Dre Marlene Moretti (Université Simon Fraser). La Dre Moretti recevra également le prix Pickering pour sa contribution exceptionnelle à la psychologie du développement au Canada —prix destiné à honorer une personne pour sa contribution à la psychologie du développement dans les domaines du mentorat, du leadership et de l'érudition.

Pour la première fois, Développement 2022 a été coordonné en partenariat avec l'Association canadienne de psychologie (ACP). Nous sommes énormément reconnaissants à l'ACP pour son soutien extrêmement généreux, dirigé par la Dre Lisa Votta-Bleeker (directrice générale adjointe et directrice, Direction des sciences) et Kimberly Black (adjointe exécutive). Leurs contributions ont été inestimables! Nous tenons également à remercier la Dre Andrea Howard (directrice du Pickering Centre for Research in Human Development) pour son rôle de premier plan dans la facilitation de l'organisation de la conférence, ainsi que la Dre Juanita Whalen et la Dre Susan Graham, qui ont organisé et présidé les comités chargés de juger les prix étudiants. Des remerciements particuliers sont également réservés à notre administratrice de la conférence, Alicia McVarnock, ainsi qu'aux nombreux étudiants du 2^e et 3^e cycles qui ont aidé à tous les aspects de la conférence. Nous sommes également très reconnaissants envers nos collègues qui ont jugé les prix étudiants.

Nous vous souhaitons la bienvenue à Développement 2022 et espérons sincèrement que vous apprécierez la conférence!

CONFERENCE DAY 1 – WEDNESDAY, JUNE 15TH

CONFERENCE REGISTRATION AND MORNING COFFEE

7:30-8:30 AM

Invited Paper Symposium

CHILDREN, FAMILIES, AND COVID-19

8:30-10:00 AM

Child and Youth Mental Health in the Context of COVID-19

Tracy Vaillancourt, Peter Szatmari

The Predicaments of Pandemic Parenting

Katherine T. Cost

A Family Affair: Maternal and Child Mental Health during COVID-19

Sheri Madigan, Nicole Racine

Child Life and Mental Health During the COVID-19 Pandemic: Results from the Ontario COVID-19 and Kids' Mental Health Study

Daphne J. Korczak

Paper Symposium

EARLY-LIFE FACTORS ASSOCIATED TO SCHOOL READINESS: WHAT MATTERS?

8:30-10:00 AM

Maternal occupational status during the child's first year: Prediction to school readiness

Gabrielle Garon-Carrier, Claudia Dufour, Félix Berrigan, Martine Shareck, Anne-Marie Côté, Caroline Fitzpatrick

Parenting and kindergarten school readiness: An identical-twin differences design

Corinne Mavungu-Blouin, Gabriel Arantes Tiraboschi, Gabrielle Garon-Carrier, Vincent Bégin, Mara Brendgen, Frank Vitaro, Isabelle Ouellet-Morin, Ginette Dionne, Michel Boivin

The Role of fine and gross motor skills in predicting key components of school readiness

Eda Cinar, Caroline Fitzpatrick, Máira Lopes Almeida, Chantal Camden, Gabrielle Garon-Carrier

Early childhood digital media use predicts later cognitive and language development: A prospective study during the COVID-19 pandemic

Marie-Andrée Binet, Mélanie Couture, Gabrielle Garon-Carrier, Angélique Laurent, Caroline Fitzpatrick

Is screen time associated with inattention / hyperactivity symptoms in preschoolers?

Máira Lopes Almeida, Gabrielle Garon-Carrier, Eda Cinar, Caroline Fitzpatrick

Co-Chairs: *Eda Cinar and Máira Lopes Almeida*

Paper Symposium

PRODUCTIVITY SUPPORT IN EDUCATIONAL DEVELOPMENT AMID A DIGITAL ERA

8:30-10:00 AM

Interventional procrastination strategies for young adults in virtual settings
Shakthika Balakrishnan, Shanuga Thavarajah

Psychological interventions of virtual gamification as a motivational basis
Aashna Agarwal, Negin Pak

The impact of study and learning strategies on post-secondary student academic achievement
Alyssa Wu, Yasmine Kollar

Virtual mindfulness interventions to promote well-being in young adults
Evelyn Payne, Areej Khanotia

Effective virtual interventions to enhance psychological capital
Cosmina Filip, Nicole Fu

Chair: *Joy Xu*

Paper Symposium

PROSOCIAL INVESTMENT IN THE FIRST 10 YEARS OF LIFE: DECIDING WHEN TO SHARE, HELP, AND COMFORT

8:30-10:00 AM

Exploring young children's selective prosociality towards own- versus other-group members
Raechel Drew, Yunru Ma, J. Kiley Hamlin

The development of intergroup cooperation: Shared preferences overcome in-group bias in children's collaborative partner choice
John Corbit, Hayley MacDougall, Stef Hartlin, Chris Moore

Factors involved in early prosocial behaviour and its underlying mechanisms
Hannah Solby, Ece Yucer, Katie S. Rose, Jessica A. Sommerville

Sharing in a virtual environment: Developmental trends from 3.5 to 11 years of age
Sylvia G.V. Pinheiro, Brendan Hancock, Montana Shore, Danielle Bukovsky, Valerie Kuhlmeier

Helpers or halos: The effects of context and characteristic on selective prosociality
Kristen A. Dunfield, Brandon Terrizzi, Xiao Min Chang, Laina Isler, Jonathan Beier

Co-Chairs: *Valerie Kuhlmeier, Sylvia Pinheiro, and Kristen Dunfield*

Lightning Talks: Session I

Chair: *Claudia Sehl*

8:30-10:00 AM

LEARNING, PERCEPTION, AND PROCESSING

1. An examination of children's selective social learning based on expertise cues
Alanna Singer, Leah Levine, Karen Dayto, Lili Ma

2. Children's epistemic inferences based on conflicting informant credibility cues
Sophie Fobert, Rose Varin, Isabelle Cossette, Patricia Brosseau-Liard

3. The influence of first impressions on children's interpretations of peers' behaviour in ambiguous situations
Sophia Thierry, Catherine Mondloch

4. Stern and confident: Dimensions underlying first impressions of older adult faces
Anita Twele, Catherine Mondloch

5. Do children hold gender-stereotyped preferences for media characters in teaching roles?

Adrianna Ruggiero, Cassandra MacPherson, Lili Ma

6. Girls are disadvantaged relative to boys when divestment from inaccurate teaching is required

Mia Radovanovic, Ece Yucer, Jessica Sommerville

MORAL DEVELOPMENT

7. Infants' expectations of moral behaviour across different moral subdomains

Inderpreet Gill, Jessica Sommerville

8. Young children's understanding of truths and lies: The role of Theory of Mind

Breanne Wylie, Angela Evans, Thomas Lyon

9. A cross-cultural comparison of children's white lie-telling behaviour

Roksana Dobrin-De Grace, Lili Ma

10. Do young children think others should avoid wasting resources?

Claudia Sehl, Stephanie Denison, Ori Friedman

BREAK

10:00-10:30 AM

Paper Symposium

SELF-REGULATION ACROSS CHILDHOOD: TEMPERAMENTAL, CONTEXTUAL, AND INTERPERSONAL CONSIDERATIONS

10:30-12:00 PM

Inhibitory control, dyadic social behaviour, and mental health difficulties in preschoolers

Raha Hassan, Louis Schmidt

Avoiding Icarus: When too high becomes too bad

Rebecca J. Brooker, Tristin Nyman, Sejal Mistry-Patel, Jennifer L. Kling

It matters who I'm with! Dyadic relations between shyness, positive affect, and physiological dysregulation in unfamiliar peer dyads

Linda Sosa-Hernandez, Kristie Poole, McLennon Wilson, Heather A. Henderson

Discussant: *Heather Henderson*

Chair: *Raha Hassan*

Paper Symposium

TALKING TO KIDS

10:30-12:00 PM

School-aged children's reports of temporal context details

Heather L. Price, Angela D. Evans

Children's acquiescence to implied coaching questions and the influence on credibility evaluations

Breanne E. Wylie, Kelly McWilliams, Angela D. Evans, Stacia N. Stolzenberg

Lawyers' experience questioning children in Canadian court

Kaila C. Bruer, Shanna Williams, Angela D. Evans

The consistency of children's memory reports after a two-year delay

Becky Earhart, Sarah Deck, Sonja Brubacher, Martine Powell

Chair: *Kaila Bruer*

Paper Symposium

MIXED-METHODS APPROACHES ENRICH UNDERSTANDING OF EMERGING ADULTS' FUTURE, CURRENT, AND PAST DEVELOPMENT

10:30-12:00 PM

Career aspirations and mental health during the transition to university

Andrea Howard, Megan Lamb

Extracurricular activity participation and self-development in university

Rose Villemaire-Krajden, Larbi Benallal, Constance Lefebvre, Florence Lessard, Jessica Spear, Erin Barker

Depressive symptoms trajectories and self-regulation following university

Erin Barker, Sarah Newcomb-Anjo, Kathryn Mulvihill, Daria Karbainova

Discussant: *Anne Bowker*

Co-Chairs: *Erin Barker and Andrea Howard*

Paper Symposium

EXPANDING ATTACHMENT RESEARCH TO FATHERS, DIFFERENT RISK CONTEXTS, AND FAMILY SYSTEMS

10:30-12:00 PM

A meta-analysis of the association between parental sensitivity and child-parent attachment: Similar or different results for mothers and fathers?

Audrey-Ann Deneault, Pasco Fearon, Marinus van IJzendoorn, Marian Bakermans-Kranenburg, Carlo Schuengel, Marije Verhage, Robbie Duschinsky, Sheri Madigan

Paternal mind-mindedness and children's academic achievement: Investigating developmental process

Annie Bernier, Rose Lapolice Thériault, Célia Matte-Gagné, Chantal Cyr

Attachment video-feedback intervention and child attachment security: The mediating roles of mind-mindedness and sensitivity in high-risk families

Karine Gagné, Clarice Huard, George M. Tarabulsky, Jessica Pearson, Claire Baudry, Tristan Milot, Jean-Pascal Lemelin

Domestic violence, atypical parental behaviours and child attachment disorganization in families receiving child protective services

Gabrielle Myre, Solène Cognard-Bessette, Karine Dubois-Comtois, Diane St-Laurent, George Tarabulsky, Annie Bernier, Ellen Moss, Chantal Cyr

Parents' psychological distress and behaviours during family interactions as predictors of child behaviour problems in a low-income sample

Karine Dubois-Comtois, Janie St-Onge, Annie-Pier Labbé, Chantal Cyr, Annie Bernier

Chair: *Audrey-Ann Deneault*

Lightning Talks: Session II

Chair: Abby Bradley

10:30-12:00 PM

COVID-19 PANDEMIC

1. Risk Factors for mental health problems in children and youth during the COVID-19 pandemic,

Tessa Ritchie, Maria Rogers, Janet Mah, Amanda Krause, Yuan Jiang, Penny Corkum, Emma Climie

2. Parental emotional resilience during COVID-19

Morgan Davis, Julia Therrian, Kathleen Hughes

3. The impact of parents' body image dissatisfaction on children's body image concerns during the COVID-19 pandemic: The moderating effect of parents' mental health symptoms

Olivia Gardam, Philip Aucoin, Elizabeth St. John, Fanny-Alexandra Guimond

4. Did COVID-19 really increase children's screen time or has it become a parental justification?

Melissa Mueller, Kelly Schwartz, Erica Makarenko

5. Full day kindergarten in virtual mode? Educators' perspective on learning during the first wave of COVID-19 pandemic in Ontario, Canada

Natalie Spadafora, Caroline Reid-Westoby, Molly Pottruff, Jade Wang, Magdalena Janus

6. Adolescent perceptions of instability and victimization in close friendships during the COVID-19 pandemic,

Nicole S. J. Dryburgh, Kyla Mayne, Alexa Martin-Storey, Melanie A. Dirks, Wendy M. Craig

7. The resilience of kindergarten students in a prolonged pandemic

Natalia Czarniecki, Natasha Portela, Diana Snell, Zahra Shanjani, Sharon Robertson, Michelle Drefs

Virtual Lightning Talks

'Why am I still doing everything?' The role of gender on dual-income partners' division of labor in times of crisis: A qualitative exploration

Tina Sharifi

The association between behavioural difficulties and mixed emotion understanding in children

Francesca Fotheringham, Barbara Dritschel

LUNCH AND POSTER SESSION I

12:05-1:30 PM

LANGUAGE AND LITERACY

1. Does language mediate the associations between household income and executive function in preschool children?

Alejandra Contreras, Violet Cieslik, Ulrich Mueller

2. Preschoolers' attention to emotional prosody in an unfamiliar language

Yomna Waly, Craig Chambers, Susan Graham

3. Language skills and social competence in speech and language impaired children: A meta-analysis

Megan DeGroot, Karolina Wieczorek, Susan Graham

4. Home literacy environment and parental education: Predictors of language and literacy skills of 2nd grade children

Amna Mirza, Jan Frijters, Alexandra Gottardo

5. The role of morphological awareness in spelling: A meta-analysis

Lam Nguyen, Kenda Parsons, Monique Sénéchal

6. Use of dialogic reading by mother-child dyads during shared reading as a function of using wordless and worded picture books

Katherine Reid, Alexandra Gottardo, Carly Bregman

7. Literacy development in Kenyan educators: Examining the impact of professional development formats on educator perceptions

Constanza Uribe-Banda, Krysten Spencer-Mueller, Eileen Wood, Alexandra Gottardo, Rose Enos Kiforo

8. Using online training modules to enhance parents' early literacy training skills and understanding

Ayodele Sanni, Eileen Wood, Alexandra Gottardo

9. Home and preschool influences on early literacy and numeracy development in England, Estonia, and the United States
Yau Yu Chan, Stephanie W. Y. Chan, Michal Perlman, Nirmala Rao
10. When I say 'cat' do you think of 'whiskers' or 'dog': Developmental progression of children's word associations
Lorraine Reggin, Penny Pexman
11. Doing an about face: An examination of the concreteness ratings of words with multiple meanings
Carissa Feddema, Emiko Muraki, Lorraine Reggin, Penny Pexman
12. The effect of emotions on syntactic learning in children and adults
Catherine Mimeau, Myriam Michaud, Simon Rigoulot
13. Je ne parle plus français : Parents' and teachers' perceptions of why students are withdrawn from French Immersion programs in Canada
Sophie Elliott, Robin Fancey, Bayimkhanim Bahmani, Sydney Dickner, Laurent Kristan Marchak
14. What do you really mean? How language affects children's understanding of transformations in stories
Sydney Dickner, Kristan Marchak
15. 'Your French makes you sound smart': Children's and adults' attitudes towards speakers of French dialects in Alberta
Tracie Pospisil, Asma Noomani, Bella Wynn, Ruth Kircher, Anne-José Villeneuve, Kristan A. Marchak

PERCEPTIONS, BELIEFS, AND IDENTITY

16. The role of general-purpose and future aspirations on youth's academic performance
Emma Cognet, Annabelle Chamberland-Dostie, Heather L. Ramey, Heather L. Lawford
17. Identity processing styles and quieting the ego during emerging adulthood: The mediating role of compassion
Kiranpreet Ghag, Sherry Beaumont, Paul Siakaluk
18. Failure feedback and the development of gendered beliefs about intelligence
Maxine Iannuccilli, Kristen Dunfield
19. Magic/talking versus STEM/physical power: Do children hold gender-stereotyped beliefs about media characters' problem-solving abilities?
Lili Ma, Adrianna Ruggiero, Joey Vong
20. Children's interpretation of past confidence cues
Aimie-Lee Juteau, Judy Chékiée, Ashley Hewitt, Patricia Brosseau-Liard
21. It's the circle of life: How children's understanding of life cycles is influenced by their visual depiction
Erin Tetreau, Kristan Marchak
22. What does generativity in youth look like? Youth and experts weigh in
Heather Lawford, Heather Ramey, Cassandre Dion Lariviere
23. The influence of group stereotypes on first impressions of older adult faces
Anita Twele, Catherine Mondloch
24. Canadian youth's perceptions and experiences of the COVID-19 pandemic
Sarah Caimano, Heather Ramey, Heather Lawford, Yana Berardini, Sarah Epp, Chantelle Edwards

EXTERNALIZING PROBLEMS AND SUBSTANCE USE

25. Perinatal maternal anxiety and offspring ADHD symptoms through epigenetic age acceleration DNA methylation: A preliminary research proposal
Catherine Lowe, Emma Climie, Nicole Letourneau, Kharah M. Ross
26. Substance use motives as a moderator for the order of alcohol and cannabis use and alcohol consumption while simultaneously using: A daily diary study
Kendra Carnrite, Andrea Howard
27. Gene-environment correlations linking parental supervision and peer tobacco use with Chinese adolescent tobacco use
Zachary Meyer, Jennifer Unger, Frühling Rijdsdijk, Yao Zheng
28. ADHD VIBES: Impact of a virtual behavioural support intervention on mental health in children with ADHD
Courtney Miller, Emma Climie, Gabrielle Wilcox, Tasmia Hai, J.F Lemay
29. Self-stigma and self-esteem: The experiences of youth with ADHD across ages 8 to 17
Kristina Jelinkova, Emma Climie
30. Aggression subtypes and stress biomarkers: A prospective meta-analysis
Margaret McCarthy, Marie-Pier Paré-Ruel, Gabrielle Schmitt
33. Sexual violence prevention: Is foundational knowledge related to moral engagement?
Brittany Thiessen, Nicole Anderson, Carie Buchanan
34. Maternal and paternal parenting stress as predictors of child externalizing behaviour problems
Rose Lapolice Thériault, Annie Bernier

AUTISM

35. The influence of parent experience: Investigating the association between parent experiences and parent-reported behaviours of their autistic child
Laura de la Roche, Elizabeth Kelley, Teresa Bennet, Caroline Roncadin, Irene Amber Cauwenbergs, Bill Mahoney, Briano DiRezze, Colleen Anderson, Judy Eerkes, Kathleen Dekker, Kathy Georgiades, Lorraine Hoult, Olaf Kraus De Camargo, Olivia Ng, Peter Rosenbaum, Ronit Mesterman, Sue Robertson, Steve Gentles, Eric Duku, Stelios Georgiades
36. Maintaining eye contact in autism spectrum disorder
Agnes S.K. Wong, Earl Woodruff
37. Evaluating the acceptability and effectiveness of a compassion in parenting program for caregivers of autistic children
Vanessa Fong, Philippa Hood, Hooman Salavati, Cassia McIntyre, Georgina Robinson, Deborah Pugh, Grace Iarocci
38. Investigating depressive symptomatology in autistic youth
Brianne Derby, Elizabeth Kelley

COGNITION, META-COGNITION, AND THEORY OF MIND

39. Comprehensive Narrative Elaboration Technique (CNET): Comparing recall between older and younger adults
Ishita Zaman, Jennifer Briere, Sarah Keller, Tammy Marche
40. The role of object attractiveness in children's preference for scarcity
Amy Rzezniczek, Kathryn Harper, Lili Ma
41. Cognitive interference rather than cognitive inhibition in kindergartners' retrieval-induced forgetting
Jennifer L. Briere, Tammy Marche

42. Metacognition and knowledge change across time
Hana Ziani-Bey, Vivian Rigg, Kenda Parsons, Della Boudreau, Ellen Doucet, Jaida Brown, Deepthi Kamawar
43. Preschoolers' temporal cognition
Kenda Parsons, Vivian Rigg, Hana Ziani-Bey, Cassy Shrimpton, Ellen Doucet, Adrianna Spoerel Connelly, Ronessa Dass, Brooke Smith, Deepthi Kamawar
44. Children's understanding of intention and its expression in language
Emma Jameson, Kenda Parsons, Vivian Rigg, Hana Ziani-Bey, Budyanee De Zoysa Siriwardene, Deepthi Kamawar
45. Who knows? Linking theory of mind, metacognition, and selective social learning
Elizabeth Dutemple, Hanifa Hakimi, Diane Poulin-Dubois
46. Developing a comprehensive cognitive model of mathematics achievement
Nina Anderson, Bruce Pennington, Erik Willcutt, Lauren McGrath
47. The moderating role of spirituality and culture in emerging adolescents' theory of mind and prosocial behaviour
Nadia Khalili, Victoria Talwar
48. Academic cheating in children: The role of self-efficacy and theory of mind
Kanza Batool, Leo Duan, Kaitlyn Wilson, Sterlin Vaillancourt, Kang Lee, Catherine Ann Cameron
49. Siblings at home: Moderating influence of sibling presence on the relation between problem behaviours and ToM in early childhood
Sadie McVey Neufeld, Taigan MacGowan, Louis Schmidt
50. Children's illusory control and their trust towards technological informants and teachers in novel situations
Isabelle Cossette, Tara Snyder, Patricia Brosseau-Liard
51. Children's and adolescents' explanations for judgments of their own and others' blame in peer conflict
Kayla Guindon, Ximena Melara, Holly Recchia, Melanie Dirks, Cecilia Wainryb
52. Children's guesses under uncertainty are sensitive to number
Julianna Lu, Emily Stonehouse, Stephanie Denison, Ori Friedman
53. Informant selection in a connected world
Blake Noyes, Stanka Fitneva
54. Reactive and regulatory processes underlying children's ruminative tendencies
Sarah D. English, Linda Sosa-Hernandez, McLennon Wilson, Emma S. Green, Heather A. Henderson

COMPETENCE, PROSOCIAL BEHAVIOURS, AND SOCIAL NETWORKS

55. Associations between screen time and behavioural, emotional, and social strengths and difficulties in preschool populations
Violet Cieslik, Alana Ireland, Alejandra Contreras
56. The role of negative expectation in children's observable social behaviours during middle childhood
Emma Green, Claudia Labahn, Heather Henderson
57. The power of kindness: When and how can kindness across a life course contribute to the exiting of a violent movement?
Annabelle Chamberland-Dostie, Emma Cagnet, Heather Lawford, Kelly Gillis, Cat Delaney
58. Working with others: The influence of partner and socio-cognitive skills on turn-taking
Alanna Valcke, Navya Roby, Elizabeth Nilsen
59. Identifying factors that promote vs. hinder university student help-seeking
Victoria Lane, Gaya Arasaratnam, Erin Barker

60. Parent's views on self- and other-oriented lessons to be learned from children's prosocial experiences
Gabrielle Leclerc, Nasim Tavassoli, Holly Recchia

61. Masculinity and help-seeking behaviour among adolescent boys
Jordan Keough, Deinera Exner-Cortens

62. Friend versus stranger: The role of gossip valence and relationship type in children's attitudes toward gossipers
Rhiannon Ueberholz, Adrianna Ruggiero, Kathryn Harper, Lili Ma

63. Two sides of the same coin? Comparing children's selective social learning and overimitation
Marilyne Dragon, Diane Poulin-Dubois

PARENTING, ATTACHMENT, AND FAMILIES

64. Families' perspectives on daily sibling interactions in middle childhood
Christine Kinsley, Holly Recchia, Melanie Dirks

65. Cross-cultural comparison of parenting styles: The role of maternal mind-mindedness in China and Canada
Yuke Fu, Mowei Liu, Kaycee Stewart, Jingmei Kang

66. Familial transmission of intelligence mindset in Chinese children: The role of parental praise and autonomy support
Kehan Li, Jingyi Zhang, Zhen Wu, Yao Zheng

67. Parenting beliefs about the importance of politics and child qualities: Similarities and differences across borders
Rafael Campos-Gottardo, Ali Jasemi, Alexandra Gottardo

68. Is attachment security more common in mother-child dyads than father-child dyads? A meta-analysis of attachment classifications in the Strange Situation procedure
Julianna Watt, Audrey-Ann Deneault, Pasco Fearon, Anh Ly, Jessica Marian Bakermans-Kranenburg, Carlo Schuengel, Marije Verhage, Robbie Duschinsky, Miriam Oosterman, Marinus van Ijzendoorn, Sheri Madigan

69. The co-construction of counterfactual worlds in parent-child reminiscing
Emily Veall, Angela Nyhout, Patricia A. Ganea

70. Early predictors: The impact of childhood exposure to interparental conflict on developmental outcomes for emotion self-regulation and related problem behaviour
Katrina Abela, Danielle Law, Seval Cinar

INFANCY

71. Phonemic discrimination and eye movements in infants
Shir Kay, Chandan R. Narayan, Scott A Adler

72. TOI: A contactless assessment tool for infant sleep psychophysiology
Darshan Panesar, Kang Lee

VIRTUAL POSTERS

73. Mock jurors' perceptions of children testifying via an interpreter
Ana Karen Espinosa Becerra, Lindsay C. Malloy, Joshua Wyman, Lillian Rodriguez Steen

74. Exploring the relationship between depression and theory of mind in autism spectrum disorder
Elaine Psaradellis, Katherine White, Elizabeth Kelley

75. The development of space-dependent face representation from childhood to adulthood
Wei Feng, Elysha Springer, Gabriel (Naiqi) Xiao

76. Cultural differences in infant motor development: A comparison of early locomotor experience
Yitong Wang, Lana Karasik, Tanya Broesch

77. Can adults detect the veracity of children's drawings?

Graysen Schury, Jennifer Briere, Tammy Marche

78. Cyber dating violence and early trauma experiences

Rachel Baitz, Bowen Xiao, Louai Rahal

Paper Symposium

FACTORS THAT AFFECT SOCIAL BEHAVIOUR AMONG CHILDREN, ADOLESCENTS, AND EMERGING ADULTS WITH ANXIETY-RELATED TEMPERAMENT STYLES

1:30-3:00 PM

Shyness and inhibitory control in preschool dyads: An actor-partner model of social behaviour

Raha Hassan, Louis A. Schmidt

Shyness, self-focused attention, and behavioural mimicry during social interaction

Kristie L. Poole, Heather A. Henderson

The role of medial frontal theta among children and adolescents with consistently high threat sensitivity

Taylor Heffer, Stefon J.R. van Noordt, Teena Willoughby

Early temperament, cortisol and vagal regulation independently predict dimensions of social withdrawal in childhood

Geneviève Morneau-Vaillancourt, Isabelle Ouellet-Morin, Sandra Pouliot, Natalia Poliakova, Lysandre Provost, Nadine Forget-Dubois, Célia Matte-Gagné, Amélie Petitclerc, Mara R. Brendgen, Frank Vitaro, Richard E. Tremblay, Ginette Dionne, Michel Boivin

Chair: *Taylor Heffer*

Paper Symposium

FUTURE THINKING IN YOUNG CHILDREN: ITS DEFINING CHARACTERISTICS AND HOW IT CAN BE IMPROVED

1:30-3:00 PM

Relations among parent-report measures of children's future thinking and other cognitive abilities

Tessa Mazachowsky, Caitlin Mahy

Anchored in the present: Preschoolers more accurately infer their futures when confronted with their pasts

Brandon Goulding, Ori Friedman

The effects of budgeting and psychological distance on young children's saving performance

Emily Jerome, Deepthi Kamawar

Using an episodic specificity induction to improve children's future thinking

Gladys Ayson, Annick Tanguay, Olivia Gardam, Jane Archibald, Cristina Atance

Discussant: *Cristina Atance*

Chair: *Cristina Atance*

Paper Symposium

UNDERSTANDING THE DEVELOPMENTAL ANTECEDENTS OF WELL-BEING AND ADJUSTMENT FROM PRESCHOOL TO EMERGING ADULTHOOD: THE USE OF MIXTURE AND GROWTH CURVE MODELING

1:30-3:00 PM

Preschool antisocial profiles are differently associated with future internalizing problems and emotional control difficulties

Marie-Pier, Paré-Ruel, Dale Stack, Paul Hastings, Rosemary Mills, Lisa Serbin

Predicting change in school motivation profiles among Canadian and Belgian adolescents: The role of parenting practices and youth's mental health

Yovanna Chacon, Marie-Pier Petit, Cécile Mathys, Marie-Hélène Véronneau

University students' emotional well-being and distress trajectories across an academic year during the COVID-19 pandemic

Shichen Fang, Erin Barker, Gaya Arasaratnam, Victoria Lane, Marina Doucerain, Cat Nguyen, Roisin O'Connor, Alexandra Panaccio, Debora Rabinovich

Discussant: *Andrea Howard*

Co-Chairs: *Shichen Fang and Erin Barker*

Paper Symposium

STUDENT STRESS, MENTAL HEALTH, AND WELLBEING DURING A PANDEMIC: A MULTI-WAVE STUDY

1:30-3:00 PM

A pandemic of literature: What do we know about youth wellbeing during COVID-19?

Kelly Schwartz

Adolescent stress reactions during COVID-19

Sarah Williams, Marisa Van Bavel

Adolescent mental health during COVID-19

Carly McMorris, Erica Makarenko

Adolescent resilience during COVID-19

Deinera Exner-Cortens, Kelly Schwartz

Chair: *Kelly Schwartz*

Lightning Talks: Session III

Chair: Bridget Hayes

1:30-3:00 PM

SPECIAL/VULNERABLE POPULATIONS

1. Gifted children with attention deficit-hyperactivity disorder (ADHD): Are they more anxious than gifted children without ADHD?

Juliette François-Sévigny, Mathieu Pilon, Gabrielle Lelièvre, Valérie Simard

2. Evaluation of the Secret Agent Society small group program for autistic children

Vivian Lee, Nisha Vashi, Teresa Sellitto, Flora Roudbarani, Ava Pouyandeh, Jonathan A. Weiss

3. What are you gonna do? Social problem-solving strategies in children with and without epilepsy

Katharine Bailey, Jonathan Whitsitt, Nancie Im-Bolter

4. Teacher-reported asthma in Canadian kindergarten children and its association with their developmental health: A population-level cross-sectional study

Caroline Reid-Westoby, Molly Pottruff, Michelle Schneeweiss, George Hu, Magdalena Janus

5. Loving, giving, but tricky: LGBT+ resiliency, outness, and relationship satisfaction

Sofia Perez Segoviano, Kathleen Hughes, Saskia Groot

6. Who will defend a victim of bullying? The role of empathy, self-efficacy, and peer attachment on active bystander defending

Rachel Sharp, Lisa Sarraf, Tina Daniels

7. Impact of the parents' clinical profile on youths medically unexplained symptoms severity

Karolane Renauld, Guillaume Foldes-Busque, Stéphane Turcotte, Isabelle Denis

8. Food fight! Links between parent food insecurity and conflict with their adolescent children

Allison MacNeil, Frank Elgar, Melanie Dirks

Virtual Lightning Talk

9. Sensitivity to social rejection in youth with learning disabilities: Results from an EEG study

Annabel Sibalís

BREAK

3:00-3:30 PM

CONFERENCE KEYNOTE ADDRESS

3:30-5:00 PM

When you're happy and I know it: Preschoolers' attention to emotion in speech

Susan Graham

CONFERENCE DAY 2 – THURSDAY, JUNE 16TH

CONFERENCE REGISTRATION AND MORNING COFFEE

7:30-8:30 AM

Invited Roundtable

Pivoting to On-Line Data Collection with Children: Lessons Learned from the COVID-19 Pandemic and Future Directions

8:30-10:00 AM

Deepthi Kamawar (Chair)

Maxine Iannuccilli

Valerie Kuhlmeier

Mark Sabbagh

Paper Symposium

TECHNOLOGY TO THE RESCUE? AN EXPLORATION OF ADOLESCENT AND YOUNG ADULTS' WELLBEING IN THE TIME OF COVID-19

8:30-10:00 AM

Social disconnection and wellbeing in the time of COVID-19: Do we really need to worry about smartphone addiction?

Natasha Parent, Bowen Xiao, Jennifer Shapka

Cybervictimization and depression among Chinese adolescents in the time of COVID-19: The moderating role of peer relations

Bowen Xiao, Xiaolong Xie, Junsheng Liu, Jennifer Shapka

"What does your bubble look like?": Queer youth navigating relationships through the use of technology in the context of the COVID-19 pandemic

Naseeb Bolduc, Natasha Parent, Anna Carson, Rod Knight

Interest, access, and satisfaction with digital health services among youth in the context of COVID-19: a comparative analysis between Canada and France

Pierre-Julien Coulaud, Julie Jensson, Naseeb Bolduc, Travis Salway, Olivier Ferlatte

Discussant: *Jennifer Shapka*

Chair: *Natasha Parent*

Paper Symposium

LEARNING FACES AND LANGUAGE: THE ROLE OF VARIABILITY IN THE DEVELOPMENT OF EXPERTISE

8:30-10:00 AM

Naturalistic face learning in infants and adults

Xiaomei Zhou, Shruti Vyas, Jinbiao Ning, Margaret Moulson

Individual differences in the comprehension of unfamiliar speech

Katherine White, Robin Rosentreter

Effects of speech variability in the daily life of bilingual children on speech perception

Margarethe McDonald, Margarita Kaushanskaya, Eok-Suk Ko

Are you my mother? Prolonged development of familiar face recognition during childhood

Claire Matthews, Catherine Mondloch, Fallon Lewis-Dennis, Sarah Laurence

Discussant: *Margaret Moulson*

Chair: *Claire Matthews*

Paper Symposium

TAKING STOCK AMID THE GLOBAL CRISIS: RISK, RESILIENCE, AND MENTAL HEALTH IN CHILDREN, CAREGIVERS, AND FAMILIES

8:30-10:00 AM

Mental health trajectories over the course of the COVID-19 pandemic and the role of pre-existing vulnerabilities of adversity: A longitudinal cohort study of caregivers
Dylan Johnson, Dillon Browne, Robert Meade, Heather Prime, Mark Wade

Exploring coping and resilience during COVID-19: Measurement invariance across female and male caregivers
Gillian Shoychet, Dillon Browne, Mark Wade, Heather Prime

A preliminary evaluation of Love Together, Parent Together (L2P2): A writing intervention to improve couples' conflict and family functioning
Alexandra Markwell, Mark Wade, Amy Muise, Heather Prime

Maternal and child mental health during the COVID-19 pandemic
Jenney Zhu, Nicole Racine, Brae McArthur, Jessy Cooke, Eirich Rachel, Julianna Watt, Julianna Park, Paolo Pador, Sheri Madigan

How do different sources of social support contribute to decreasing adolescents' mental health problems during the pandemic?
Jiseul Ahn, André Plamondon

Chair: *Dylan Johnson*

Lightning Talks: Session IV

Chair: Thomas St. Pierre

8:30-10:00 AM

LANGUAGE AND READING

1. Prosodic sensitivity and reading in French immersion students
Krystina Raymond, H el ene Deacon, Jeffrey Steele, Xi (Becky) Chen

2. The dynamic assessment of orthographic specificity and reading comprehension in emerging English-French bilingual students
Diana Burchell, Michelle Huo, Krystina Raymond, Jeffrey Steele, Xi Chen

3. Home and school language policies and children's linguistic and cultural development
Ali Jasemi, John Schwieter, Alexandra Gottardo, John Schwieter, Antonella Sorace

4. Language differences and perceived support in young-adult friendships
Alexandrija Zikic, Carla Castillo, Erin MacDonald, Melanie Dirks

5. Relationships between cumulative family risk and preschool child language: Does home literacy environment have a mediating role?
Ang elique Laurent, Marie-Jos e Letarte, Jean-Pascal Lemelin

6. More than words: Parents' use of non-linguistic strategies to engage preschool children in three different conversations
Maissie Hillman, Trelani Milburn

7. 'And togezer vee vill rule ze vord!' Children find foreign-accented voices better-suited for cartoon villains than native-accented voices
Thomas St. Pierre, Elizabeth K. Johnson

EDUCATION, ACADEMICS, AND SCHOOLS

8. Extracurricular music activities to promote positive development among immigrant and disadvantaged children: A look at "The Magic Classroom"
Anne-Sophie Denault, Élisabeth Olivier, Véronique Dupéré, Isabelle Archambault

Virtual Lightning Talk

Maternal depressive symptoms and children's academic performance: Sex differences in the mediating role of school experiences
Marilyn Ahun, Lamprini Psychogiou, Frédéric Guay, Michel Boivin, Richard Tremblay, Sylvana Côté

BREAK

10:00-10:30 PM

Paper Symposium

RETHINKING SOLITUDE: EXPLORING THE UPSIDE OF SOLITUDE FROM EARLY CHILDHOOD TO OLDER ADULTHOOD

10:30-12:00 PM

Evidence for children's social cognitive advantages in the context of early shyness
Taiga L. MacGowan, Cristina Colonnesi, Milica Nikolic, Sukhvinder S. Obhia, Louis A. Schmidt

Exploring interpretations of being alone among adolescents and adults using qualitative analysis
Meghan E. Borg, Teena Willoughby

Looking beyond time alone: A person-centered examination of solitary activities, motivation for solitude, and loneliness in emerging adulthood
Alicia M. McVarnock, Robert J. Coplan, Julie C. Bowker, Hope White

Everyday associations between solitude duration and affective wellbeing during the Pandemic
Yoonseok Choi, Theresa Pauly, Denis Gerstorf, Christiane A. Hoppmann

Co-Chairs: *Alicia McVarnock and Meghan Borg*

Paper Symposium

EXAMINING RELATIONS AMONG ADOLESCENTS' EXPERIENCES AND INTERACTIONS ON HEALTH AND WELL-BEING USING AN INTENSIVE LONGITUDINAL RESEARCH DESIGN

10:30-12:00 PM

Capturing the uplifts and hassles in adolescents' daily lives: The links of daily experiences with physical and mental well-being
Hao Zheng, Eric Cooke, Kehan Li, Yao Zheng

Overlap among parent-adolescent dyad reports of adolescents' daily strengths and difficulties
Eric Cooke, Yao Zheng

Daily links of parent-adolescent congruent and discrepant perceptions of parental psychological control and adolescent emotional problems
Jingyi Xu, Yao Zheng

Discussant: *Tom Hollenstein*

Chair: *Eric Cooke*

Children's tattling behaviours within the context of pre-school care
Olivia L. Holden, Kaila C. Bruer, Angela D. Evans, Shanna Williams

"People won't mind if I tell a lie to help my friend." Children's moral justifications for other-oriented lies
Ipek Isik, Donia Tong, Victoria Talwar

Longitudinal associations between lie evaluations and frequency: The moderating role of age
Victoria W. Dykstra, Teena Willoughby, Angela D. Evans

Racial bias in adults' judgements of children's lies: Are White children more likely to be believed than Black children?
Siham Hagi, Sarah Zanette, Lindsay Malloy

Cross-cultural comparisons in evaluations of truths and lies in early and late adulthood
Alison M. O'Conner, Deston Chung Eng Kea, Qinggong Li, Xiao Pan Ding, Angela D. Evans

Chair: *Shanna Williams*

RISK AND RESILIENCE

1. Relational and executive functions predict subjective well-being across the high school transition
Fatima Wasif, Tara McAuley

2. A vehicle for resilience: Let's talk about sex... and the sociocultural context
Timothy Angelo Curtis, Kathleen Hughes, Hannah Cohen

3. Peer victimization, PTSD, and pain: A longitudinal examination
Cara Nania

4. Investigating the association between prenatal stress and neurodevelopment: The contribution of the gut microbiota
Laura Rojas, Deborah Dewey, Nicole Letourneau, Tavis Campbell, Raylene A. Reimer, Gerald Giesbrecht

HEALTH, WEIGHT, AND BODY IMAGE

5. An examination of body esteem and health outcomes in youth enrolled in pediatric weight management
Megan Lamb, Annick Buchholz, Andrea Howard, Anne Bowker

6. The association between Mediterranean Diet adherence and childhood internalizing problems
Amnish Brar, Elnaz Vaghef-Mehrabani, Megan Jarman, Rhonda Bell, Catherine Field, Nicole Letourneau, Deborah Dewey, Gerald Giesbrecht

7. Longitudinal effects of siblings' age, gender and weight-related teasing on body image satisfaction
Elizabeth St. John, Sophie Corbeil, Philip Aucoin, Fanny-Alexandra Guimond

EMOTIONS AND EMOTION REGULATION

8. Perceived parental warmth and flourishing among youth: The mediating effect of emotion regulation
Kate Lee, Jennine Rawana

9. Preschool emotional expression: Associations with emotion focused parenting and child mental health
Sherry Peters, Shaelyn Stienwandt, Leslie Roos, Ryan Giuliano

10. The role of interpersonal emotion regulation on social anxiety and well-being

Paolina Onorato, Jennine Rawana

11. Cognitive control is modulated by emotions during emerging adulthood

Vrushali Rao Gumnur, Sandra A. Wiebe

LUNCH AND POSTER SESSION II

12:05-1:30 PM

STRESS, RISKS, AND VULNERABILITIES

1. Perinatal nicotine exposure relates to decreased self-regulation and the amplitude of error-related ERPs in early adolescence

Christine L. Lackner, Bailey Thompson, Diane L. Santesso, Jane Dywan, Terrance J. Wade, Sidney J. Segalowitz

2. Well-being of children from military families: The roles of parental stress, resilience and social support

Alla Skomorovsky

3. The effect of peer attachment and gender on adaptive coping strategies among youth experiencing homelessness

Jenilee-Sarah, Napoleon Adina Gazith, Kristi Atkinson, Christiana Patrinos, Elaine Nour Saadawi, Song-ah Chai, Tamarah Francois, Jessica Sherman, Nancy Morisseau, Emmanuel Lafontant, Jacob A. Burack

4. An examination of healthcare providers' questioning of pain in maltreated children

Matthew Baker, Sarah Campbell, Shanna Williams

5. The impact of healthy neuroticism on the association between daily stress and physical activity in young adults

Tristen Lozinski, Tomiko Yoneda, Jonathan Rush, Scott Hofer

6. Neighbourhood socioeconomic disadvantage and children's developmental health outcomes at school entry: A quantile regression analysis

Marc Jambon, Caroline Reid-Westoby, Eric Duku, Magdalena Janus

7. The association between binge eating and health behaviours during times of high and low stress among first-year university students

Megan Lamb, Andrea Howard

8. Borderline personality disorder symptomatology in adolescents involved with youth protection and first-line mental health services

Stephanie McLellan Lamarche, Lise Laporte, Lyne Desrosiers

9. Emotion regulation: Is it more taxing for adolescents than for adults?

Oya Pakkal, Elizabeth Shulman

10. Do children's animated movies "run" into troubled notions of separation?

Michael Bednar, Morgan Davis, Mohtashim Umar, Maya Carcamo Arakawa, Kathleen Hughes

11. The impact of threat and deprivation on facial emotion attention bias in children and adolescents: A systematic review

Min Li, Liam Wright, Alexandria Boafo, Dylan Johnson, Alyna Dharamsi, Belinda Cheng, Katherine Finegold, Mark Wade

12. Infants' perception of happy and fearful emotions expressed by caregivers and strangers

Shruti Vyas, Julianne Bushe, Alexandra Marquis, Xiaomei Zhou, Maire, Margaret Moulson

13. Infants' touch behaviours during play interactions with caregivers: An observational study

Shruti Vyas, Emily McLaughlin, Margaret Moulson

14. A machine learning approach for predicting children's future height, weight, and BMI
Yousef Yasin, Yuan Hong Sun, Kang Lee

COVID-19 PANDEMIC

15. Family well-being during the COVID-19 pandemic: A family-wide analysis of the dynamic interplay between positive coping and mental health problems
Jackson Smith, Jennifer Jenkins, Dillon Browne

16. Parenting practices and parental anxiety predict early childhood behaviour during the COVID-19 pandemic
Larissa Predy, Jenny Le, Arshdeep Rattol, Sandra Wiebe

17. Canadian adolescent mental health in online school during the COVID-19 pandemic: The role of support
Gabrielle Lucchese-Lavecchia, Harmoni Watson, Scarlett Lavan, Jennifer Diep, Carol Stephanie Craig

18. University student meaning-making during the COVID-19 pandemic: The benefits of purpose in life
Daria Karbainova, Erin Barker

19. Family processes during the COVID-19 pandemic: Identifying typologies and exploring service use costs
Alexey Urusov, Andre Plamondon, Heather Prime, Mark Wade, Jennifer Jenkins, Dillon Browne

20. The mental health of Canadian children during the COVID-19 pandemic: The role of extroversion and neuroticism personality traits, coping and stress responses
Anahita Shokrkon, Elena Nicoladis

21. Parent and child mental health during COVID-19: The role of household chaos and COVID-19 mandated homeschooling
Mariam Elgendi, Sherry Stewart, Daneesha Williams, H  l  ne Deacon

22. Predictors of digital technology use during the first wave of COVID-19 pandemic lockdown
Joanne Lee, Harmanpreet Chauhan, Eileen Wood, Natasha Vogel, Edwin Santhosh

23. The association between COVID-19 family stressors and sibling relationship challenges: Moderation by sibling age gap
Negar Shavandi, Dillon. T Browne, Heather Prime

24. "Comfortably disengaged": A mixed-methods examination of social anxiety, smartphone engagement, personality traits, and mental health in the time of COVID-19
Claire Hein-Salvi, Natasha Parent, Bowen Xiao, Jennifer Shapka

25. Parents' and children's information gathering during the COVID-19 pandemic
Sophie Fobert, Patricia Brosseau-Liard

26. Who can help? Immigrant families' experiences with online school during the pandemic
Alexandra Gottardo, Garcy Patel, Ali Jasemi

27. Children's interpretation of others' faces covered with medical masks
Sevval Cinar, Danielle Law, Katrina Abela

28. Room to grow: The role of adolescents' bedrooms during the COVID-19 pandemic
Heather Ramey, Heather Lawford, Sarah Epp, Sarah Caimano, Yana C. Edwards, G. Labenski, J. Labenski, E. Prangley Desormeaux

SHYNESS, ANXIETY, AND INTERNALIZING PROBLEMS

29. Children's shyness and empathic physiological arousal to a peer's social stress
Kristie Poole, Emma Green, McLennon Wilson, Linda Sosa-Hernandez, Heather Henderson

30. Temperamental shyness and children's communicative behaviours: A dyadic perspective
Linda Sosa-Hernandez, Charlotte Aitken, Savannah Heintzman, Elizabeth S. Nilsen, Heather A. Henderson

31. Relations between event perception and symptoms of anxiety in undergraduate students
Bridget Hayes, Julia Ryan, Robert J. Coplan
32. Depressive and anxious symptoms in early childhood: Prediction by self-regulation
Brenna Zatto, Zoe Collins, Abby MacLean, Wendy Hoglund
33. Bridging the gap – Exploring the role of cortisol in the effects of prenatal depression on child neurocognition
Danielle Cattani, Catherine Lebel, Deborah Dewey, Tavis Campbell, Nicole Gerald Giesbrecht
34. Using eye-tracking to characterize adolescent depression
Blake Noyes, Linda Booij, Sarosh Khalid-Khan, Doug Munoz
35. Perceptions of relationship quality across adolescents' personal networks: Concurrent and longitudinal associations with temperamental shyness
Bobby J. W. McHardy, Linda Sosa-Hernandez, Heather A. Henderson

TECHNOLOGY AND SOCIAL MEDIA

36. A meta-analysis and systematic review of screen time guideline adherence in young children
Tashia Christie, Brae Anne McArthur, Valeriya Volkova, Sheri Madigan
37. Advertisements and distractions: The role of executive function in monitoring the sources of online media content
Samantha Barbosa, Sumana Merali, Kim P Roberts
38. The impact of social media influencers on emerging adults
Avnee Sharma, Katrina Abela, Sevval Cinar, Alia Hussain, Danielle Law
39. Parental selection of math apps for preschoolers: The role of app quality
Nicola Urquhart, Joanne Lee, Eileen Wood

BILINGUALISM AND IMMERSION

40. Mandarin bilingual education: Impact of language background and grade level on children's motivation
Talia Muth, Arni Hansen, Amy Brenner, Youran Lin, Karen Fangfang Li
41. Patterns of growth of early literacy skills in early French immersion
Lam Nguyen, Monique Sénéchal
42. Bilingual children's attitudes and knowledge towards bilingualism
Catrine Demers, Wendy Amoako, Anusha Khepar, Andrea MacLeod
43. Comparing monolingual and multilingual toddlers' executive functioning with the Early Executive Functions Questionnaire
Kayla Beaudin, Diane Poulin-Dubois
44. Bilingual and monolingual children's storytelling and gesture use in support of the lexical retrieval hypothesis
Emma Hill, Elena Nicoladis
45. The differential impacts of formal versus informal acquisition of another language on metalinguistic awareness
Rene Trombley, Cass Foursha Stevenson
46. The role of first language attrition and preservation in enculturation and acculturation of youth and adolescents from immigrant backgrounds
Wanxin Li, Kiranjeet Dosanjh, Ali Jasemi, Alexandra Gottardo
47. Inhibitory control, language skills and social competence among monolingual and bilingual preschoolers
Farzaneh Anjomshoae, Elena Nicoladis

EDUCATION AND EDUCATORS

48. Daycare educators' perceptions of pre-school aged children's tattling and gossiping behaviours
Olivia Leslie Holden, Kaila C. Bruer, Angela D. Evans, Shanna Williams
49. Examining interactions between educators and across children: Evaluating the validity of the Responsive Interactions for Learning Educator Child Dyad Version
Samantha Burns, Christie Barron, Sumayya Saleem, Calpanaa Jegatheeswaran, Jennifer Jenkins, Michal Perlman
50. Vaccine hesitancy among low-income mothers during COVID-19 and the influence of pre-pandemic parenting: A mixed methods study
Calpanaa Jegatheeswaran, Sumayya Saleem, Samantha Burns, Michal Perlman
51. Differences in parents' perceptions of boys' and girls' growth mindsets: Links to adolescents' educational goals
Anna-Francesca Boatswain-Jacques, Maxine Iannuccilli, Marie-Hélène Véronneau, Kristen Dunfield, Annie Bernier
52. Co-regulation as an interactional process between the teacher and the preschool-aged child, the quality of this interaction and the child's self-regulation
Noemie, Montminy
53. Pre-school care and early child development: Population-level evidence from the Early Development Instrument in Ontario
Natalie Spadafora, Amanda Offord, Ashley Gaskin, Magdalena Janus
54. Stress in kindergarten children over a week
Si Jia Wu, Jingmei Wang, Li Sun, Jinliang Qin, Kang Lee
55. Home and preschool influences on early achievement in China: A three-year longitudinal study
Yi Yang, Yufen Su, Michal Perlman, Nirmla Rao
56. The EMA@School: Assessment of students' foundational numeracy skills in grades 2 and 3
Peyton Nault, Heather Douglas, Jo-Anne LeFevre
57. Cognitive profile relates to emotional challenges in gifted youth
Jennifer Boey
58. Bicultural identity and academic achievement: The second-generation immigrant student experience
Karimeh Haddad, Alexandra Gottardo

MORAL DEVELOPMENT

59. What would you do: Sunk-cost effect in moral dilemmas for younger and older adults
Zach Hamzagic, Tobias Krettenauer
60. Children's interpretation of the emotional outcomes of prosocial lies
Shirley Ong, Navya Roby
61. Was it a lie? Investigating the influence of facial impressions of trustworthiness on adults' perceptions of children's lie-telling
Sophia Thierry, Catherine Mondloch, Angela Evans
62. Children's reasoning for their decisions regarding equity, diversion, and inclusivity
Cassie Wauters, Saranka Parameswaran, Mallory Earnshaw, Bailey Rand, Kim Roberts
63. Children's recall of social justice workshops
Saranka Parameswaran, Cassandra Wauters, Mallory Earnshaw, Bailey Rand, Kim Roberts

64. Children's moral identity motivation and its relationship to moral emotions and moral decision making
Hailey Goddeeris, Tobias Krettenauer.

65. Adolescent impulsivity and lie-telling: A longitudinal examination
Vanessa Turchio, Victoria Dykstra, Angela Evans, Teena Willoughby

66. Children's social preferences diminish when learning about others
Claudia Sehl, Ori Friedman, Stephanie Denison

67. A meta-analysis on caregiver-child attachment and moral development in early childhood
Paolo Pador, Audrey-Ann Deneault, Stuart Hammond, Sheri Madigan

FUTURE-ORIENTED REASONING

68. "I'll like this but you'll like that:" Explaining 'self-other' differences in children's future-oriented reasoning
Elena Gallitto, Sydney Rossiter, Caitlin Mahy, Cristina Atance

69. How does "pretending" affect young children's future-oriented reasoning?
Sydney Rossiter, Gladys Ayson, Caitlin Mahy, Cristina Atance

70. "How" or "why" will I have A snack? Do children represent the near and distant future differently
Bronwyn O'Brien, Michela Rodriguez, Florence Sirois, Cristina Atance

VIRTUAL POSTERS

71. The acquisition of the cardinality principle in monolingual and bilingual children
Kate Macklin, Virginia Slaughter, Aisling Mulvihill

72. Elementary school students' perspectives on a classroom-based mindfulness program
Andrea D'Alessandro, Kaitlyn Butterfield, Lerna Hanceroglu, Kim Roberts

73. Physical activity and mental health in children with attention-deficit/hyperactivity disorder during COVID-19
Catherine Curry, Emma Climie, Penny Corkum, Yuanyuan Jiang, Amanda Janet Mah, Tessa Ritchie, Maria Rogers

74. Socializing online: Does it improve well-being?
Haotong Wang, Jennifer Briere

Paper Symposium

CONTEXT SENSITIVITY OF PROSOCIAL DECISIONS AND JUDGMENTS ACROSS DEVELOPMENT

1:30-3:00 PM

Children use altruism to identify parent-child relationships
Anna Michelle, McPhee Sinamys Bagh, Mark A. Schmuckler, Jessica A. Sommerville

Altruism vs. autonomy: Young children's judgments about when helping is acceptable, and when it is not
Ori Friedman, Emily Stonehouse

Parental warmth predicts more child prosocial behaviour in children with better emotion regulation: A longitudinal psychophysiological study
H. Melis Yavuz, Tyler Colasante, Tina Malti

Children's and adolescents' prosocial judgments depend on the intensity of need and type of prosociality
Nasim Tavassoli, Holly Recchia

Reasoning about help in the time of COVID-19: University students' decisions and personal, social, moral, and prudential reasoning about volunteering during the pandemic
Emma Grant, Stuart Hammond

Co-Chairs: *Nasim Tavassoli and Holly Recchia*

Paper Symposium

CHILDREN'S DIGITAL MEDIA USE AND WELL-BEING DURING COVID-19: A FAMILY-WIDE PERSPECTIVE

1:30-3:00 PM

Associations between children's screen time and developmental outcomes: A series of meta-analyses
Sheri Madigan

Understanding child mental health and well-being during the COVID-19 pandemic: An examination of child and family factors
Brae McArthur

Child mental health and the family media ecology during the COVID-19 pandemic
Rachel Eirich

Caregivers' psychological distress, technology use, and parenting: The importance of a multidimensional perspective
Jasmine Zhang

Discussant: *Dillon Browne*

Chair: *Jasmine Zhang*

Paper Symposium

EVIDENCE AND EXPLORATION: CHILDREN'S EVALUATION OF INFORMATION WHEN MAKING INFERENCES AND REVISING BELIEFS

1:30-3:00 PM

Children consider different kinds of evidence when inferring people's desires
Tiffany Doan, Ori Friedman, Stephanie Denison

Preschoolers revise a location bias gradually in response to feedback
Brooke Hilton, Mark Sabbagh

Explanations shape children's exploration of surprising claims
Samuel Ronfard, Fatima Tasabehji, Deborah Kelemen

Science misconceptions in kindergarten: The role of conceptual explanations and guidance in conceptual change
Vaunam Venkadasalam, Nicole Larsen, Patricia Ganea

Discussant: *Mark Sabbagh*

Chair: *Brooke Hilton*

Lightning Talks: Session VI

Chair: Lorraine Reggin

1:30-3:00 PM

PARENTING AND FAMILIES

1. Distilling heterogeneity in parent mindfulness: Links to parenting, attributions, and child difficulties
Hali Kil, John Krzeczowski, Brendan Andrade

2. Let's talk about saving: How parents help young children's understanding that it is good to save
Lojain Hamwi, Adrianna Spoerel Connolly, Vivian Rigg, Kenda Parsons, Hana Ziani-Bey, Deepthi Kamawar

3. When they bring work home, parents feel guilty, adolescents perceive less parental support, and their relationship suffers

Mylène Lachance-Grzela, Andréanne Charbonneau, Marilou Larocque, Mylène Ross-Plourde

4. Children's conversations with their mothers about helping and being helped by their peers

Holly Recchia, Nazila Tolooui, Gabrielle Leclerc, Cecilia Wainryb, Melanie Dirks

5. Neonatal jaundice: Posttraumatic growth among primary caregivers

Simplejit Kaur Dhanoa, Manmohan Singh Dhanoa

TECHNOLOGY AND SOCIAL MEDIA

6. The role of technology in a community-based parent program

Lorraine D. Reggin, Janelle Wydeven, Steacy Pinney, Susan A. Graham, Penny M. Pexman

7. Youth mental health in the digital age: Youth perspectives on the relationship between digital technology and their mental health

Sydney Boothroyd

8. Teasing apart the relationship between Instagram browsing, social comparisons and self-esteem

Malinda Desjarlais

9. Virtual care for preschoolers and their families: Clinician and family experiences using dyadic and whole family assessment and intervention online

Nick Hanson, Diane Philipp, Klaudia Szczech, Janai Puckett

BREAK

3:00-3:30 PM

CONFERENCE KEYNOTE ADDRESS AND PICKERING AWARD

3:30-5:00 PM

Adolescence from an attachment perspective: Implications for youth mental health and interventions

Marlene Moretti

Development 2022: Important Information

Registration

Registration and badge pickup will be available daily from 7:30 AM. If you have any questions, concerns, or comments, please come to the Registration Facilities.

(**note**: please display your conference badge at all times).

Meetings

Meetings will be held in Imperial rooms 1, 2, 3, and 8, as well as the Plenary room (Imperial 5/7/9). All rooms are equipped with projectors and laptop computers, stationed at the podium in all rooms except the Plenary, which includes full technical staff and a confidence monitor at the podium.

Boards will be available for the poster presentations in Imperial rooms 4 and 6. Presenters are invited to set up their poster one hour before their allotted poster session. Posters can be taken down in the hour following the allotted poster session.

Social Program

Morning coffee and continental breakfast will be served on Wednesday and Thursday at 7:30am.

Boxed lunch on Wednesday and Thursday is included with the registration fee and will be served during the poster sessions in Imperial rooms 4 and 6.

Attendees registered for the **mentoring lunch** should bypass the boxed lunch and proceed directly to the Herald/Doll rooms where a buffet lunch will be served

Conference Co-Organizers

Andrea Howard
Anne Bowker
Robert Coplan
Tina Daniels
Susan Graham
Kathleen Hughes
Deepthi Kamawar
Jo-Anne LeFevre
Monique Sénéchal

Peer Review Committee

Cristina Atance (University of Ottawa)
Sherry Beaumont (University of Northern British Columbia)
Sandra Bosacki (Brock University)
Becky Chen (University of Toronto)
Pierre Cormier (University of Moncton)
Stanka Fitneva (Queen's University)
Sophie Jacques (Dalhousie University)
Magdalena Janus (McMaster University)
Jennifer Jenkins (University of Toronto)
Kang Lee (University of Toronto)
Elena Nicoladis (University of British Columbia)
Gene Ouellette (Mount Allison University)
Carole Petterson (University of Moncton)
Diane Poulin Dubois (Concordia University)
Daniel Seguin (Mount St. Vincent University)
Melanie Soderstrom (University of Manitoba)
Dale Stack (Concordia University)

Student Awards Committees

Student Poster Award
Juanita Whalen (Chair, Medicine Hat College)
Dillon Browne (University of Waterloo)
Kathleen Hughes (University of Calgary)
Kristan Marchak (University of Alberta)
Nicole Racine (CAMH)
Kelly Schwarz (University of Calgary)
Angela Evans (Brock University)
Brae McArthur (University of Calgary)

Student Symposium Presentation Award
Susan Graham (Chair, University of Calgary)
Cristina Atance (University of Ottawa)
Patricia Brosseau-Liard (University of Ottawa)
Sheri Madigan (University of Calgary)
Mark Sabbagh (Queens University)

Student Lightning Presentation Award
Susan Graham (Chair, University of Calgary)
Holly Reccia (Concordia University)
Elizabeth Nilsen (University of Waterloo)
Katherine White (University of Waterloo)