All sessions at the Sheraton Society Hill Hotel, Philadelphia, PA

THURSDAY, OCTOBER 13

8:30am -	Two pre-conference events: Creating Development: Integrating Processes over Multiple Timescales and Social Cognitive Development in the Cook room and Ballroom E
5:00pm	
7:00 – 9:00pm	Welcome reception in the Hamilton Room, sponsored by Taylor & Francis Registration in the Sheraton Lobby

FRIDAY, OCTOBER 14

7:30	Registration and continental breakfast in Ballroom Lobby
7.50	Registration and continental breakfast in ballroom Lobby
8:30 - 8:45	Society Hill Ballroom Welcome, Nora Newcombe and Judy DeLoache Presentation of CDS Book and Journal Awards: Henry Wellman and Laura Namy Introduction of plenary speaker, Lynn Liben
8:45 - 9:45	Society Hill Ballroom Plenary talk – Hippocampal development: Implications for cognitive development and the nature-nurture debate Lynn Nadel, University of Arizona
	Coffee break
10:15 - 12:00	Society Hill Ballroom Plenary symposium – The future faces of cognitive development research Judy DeLoache (organizer), Patricia Ganea, Justin Halberda, Vikram Jaswal, Katherine Kinzler, and Kristin Shutts
12:00 - 1:30	Lunch on your own or workshop in the Hamilton Room NIH funding: Training and research grant opportunities (advance registration required)
1:30 - 3:15	CONCURRENT SYMPOSIA Ballroom C: Using functional neuroimaging to shed light on the developing visual brain Aaron Buss & John Spencer (organizers), Teresa Wilcox, Karin James Ballroom D: The development of moral cognition Marjorie Rhodes (organizer), Kiley Hamlin, Nadia Chernyak, Fiery Cushman Ballroom E: Attention and memory interactions across development Julia Markant & Dimo Amso (organizers), Duncan Astle, Shannon Ross-Sheehy, Natasha Kirkham
3:45 - 5:15	CONCURRENT SYMPOSIA Ballroom C: Comparing comparisons: Does comparison learning vary across domains? Stella Christie & Lynn Perry (organizers), Sarah Gerson, Laura Namy Ballroom D: An interdisciplinary approach to the origins of causal inference: Integrating developmental, comparative, and adult studies Anna Waisman (organizer), Paul Muentener, Laurie Santos, Kosuke Sawa, Laura Schulz Ballroom E: Developing natural and supernatural counterintuitive concepts Jonathan Lane (organizer), E. Margaret Evans, Julia Plummer, Dimitris Pnevmatikos, Nikos Makris, Paul L. Harris ALTERNATE POSTER SESSION A in Claypoole/Bromley rooms
5:45 <i>-</i> 7:15	Claypoole/Bromley and Ballroom AB POSTER SESSION I

SATURDAY, OCTOBER 15

7:30	Registration and continental breakfast in Ballroom Lobby
8:30 - 8:45	Society Hill Ballroom Introduction of plenary speaker: Nora Newcombe
8:45 - 9:45	Society Hill Ballroom Plenary talk – A social neuroscience perspective on adolescent risk-taking Laurence D. Steinberg, Temple University
	Coffee break
10:15 - 12:00	Society Hill Ballroom Plenary symposium – Memory development and the brain: New methods to address old questions Nora Newcombe & Simona Ghetti (organizers), Noa Ofen, Tracy Riggins, Margaret Sheridan
12:00 - 1:30	Lunch on your own or Lunch workshop in the Hamilton Room Five Burning Questions of the Professoriate (Advance registration required)
1:30 -	CONCURRENT SYMPOSIA
3:15	Ballroom C: Effects of developmental experience on neurocognitive development: Insights into the origins of human cognition Maria Bedny (organizer), Jennie Pyers, Martha Farah, Courtney Stevens, Gary Marcus
	Ballroom D: <i>The problem of probabilistic inference: How children learn from and search through probabilistic worlds</i> Elizabeth Bonawitz (organizer), Josh Tenenbaum, Elissa Newport, Fei Xu
	Ballroom E: Specific generalities: Learning at different levels Charles Kalish (organizer), Susan Graham, Anne Riggs, Shelbie Sutherland, Susan Gelman, Sarah-Jane Leslie
3:45 –	CONCURRENT SYMPOSIA
5:15	Ballroom C: <i>The causes and explanations of explanation in early childhood</i> Cristine Legare & Andrei Cimpian (organizers), Amelie Bernard, Alison Gopnik, Susan Gelman
	Ballroom D: Pedagogy and selective trust: The trade-offs of learning from others Lucas Butler & Daphna Buchsbaum (organizers), Hyowon Gweon, Carolyn Palmquist, Melissa Koenig
	Ballroom E: New perspectives on developmental change in numerical estimation Hilary Barth (organizer), Sara Cordes, Dale Cohen
	ALTERNATE POSTER SESSION B in Claypoole/Bromley
5:45 -	Claypoole/Bromley and Ballroom AB
7:15	POSTER SESSION II

POSTER SESSION I: FRIDAY, OCTOBER 14 FROM 5:45 – 7:15 PM

- 1. Orange dots tell you where green things are? The role of executive functions in understanding symbol-referent relations *Andrea Astle, Corrie Vendetti, Deepthi Kamawar, Charlotte Bradley, Jennifer Gomes*
- 2. Proportional reasoning and children's number-line estimation: The role of feedback *Hilary Barth, Shipra Kanjlia, Emily Slusser, Jennifer Garcia*
- 3. The role of labels in children's object category learning *Catherine A. Best, Christopher W. Robinson, Vladimir M. Sloutsky*
- 4. Neural correlates of belief- and desire-reasoning: A functional near infrared spectroscopy approach *Lindsay Bowman, Henry Wellman, Ioulia Kovelman*
- 5. Inquiry and family conversations at a science museum *Elizabeth J. Carey, V. Claire Mendez, Taylor L. Adney, Virginia I. Hatch, Brianna O. Malyn, Lisa E. Szechter*
- 6. Effects of executive function training on reading comprehension and cognitive flexibility in second to fifth grade struggling readers *Kelly Cartwright, Heather Guiffre, Allison Bock, Elizabeth Coppage*
- 7. Effects of experience on imitation and problem solving in 9-month-olds Leslie Carver, Rebecca Cunningham
- 8. The shape of things: Young children's early geometric knowledge *Alicia Chang, Angeliki Athanasopoulou, Jeannie Borchers, Andrew Filipowicz, Katelyn M. Zmich, Roberta M. Golinkoff*
- 9. Children's simultaneous learning of names and categories Chi-hsin Chen, Chen Yu, Lisa Gershkoff-Stowe
- 10. Does spatial training improve children's mathematics ability? Yi-Ling Cheng, Kelly Mix
- 11. Understanding the properties of interactive cartoon characters *Laura Claxton*
- 12. The role of gesture versus action in improving childrens' understanding of linear measurement *Eliza Congdon, Mee-Kyoung Kwon, Raedy Ping, Susan Levine*
- 13. Using visuals in middle school mathematics Jennifer Cooper, Virginia Clinton, Pooja Sidney, Martha Alibali, Mitchell Nathan
- 14. Development of beliefs about chance and luck Chelsea A. Cornelius, Jacqueline D. Woolley
- 15. Dissociation between small and large numerosities in newborns *Aurelie Coubart, Veronique Izard, Elizabeth S. Spelke, Arlette Streri*
- 16. Sources of conceptual knowledge in the development of mathematical reasoning *Noelle Crooks, Pooja G. Sidney, Shanta Hattikudur, Martha W. Alibali*
- 17. An impact evaluation of the Sit Stay Read intervention program Denise Davidson, Hannah Alarian, Sandra Vanegas, Vanessa Raschke, Kelly Haas, MaryEllen Schneider
- 18. Bilingual children prefer native speakers: Two cases of bilingualism in the U.S. *Jasmine DeJesus, Jocelyn B. Dautel, Hyesung G. Hwang, Katherine D. Kinzler*
- 19. Exploring the developmental origins of probabilistic inference in infancy Stephanie Denison, Fei Xu
- 20. Developmental regularities in Ecuadorian children's early life and 'pre-life' reasoning Natalie A. Emmons
- 21. Three-year-olds' flexible rule usage in a causal reasoning task Christopher Erb, David Sobel
- 22. Tones as invitation to categories? The role of experience with tones and words on infants' category formation *Lucy Erickson, Erik D. Thiessen, David H. Rakison*
- 23. Perceptual access reasoning revealed: Failure to replicate Perner & Horn (2003) William Fabricius, Tessa Frederick
- 24. Children's understanding of whole number and fraction magnitudes Lisa Fazio, Robert Siegler
- 25. Development of mental rotation in 3- to 5-year-olds Andrea Frick, Nora S. Newcombe
- 26. The impact of second language learning and language use on language abilities and executive function in bilinguals *Kathleen Ghio, Carla Wall, Makeba Parramore Wilbourn*
- 27. The representation of mental number line in children with prenatal brain injury *Tilbe Goksun, Adam J. Woods, Anjan Chatterjee, Sarah Zelonis, Leila Glass, Sabrina Smith*
- 28. Aggregation and context dependency in early word learning Elizabeth Goldenberg, Catherine Sandhofer
- 29. Are vocabulary and executive function related to number-concept development in bilingual preschoolers? *Meghan Goldman, James Negen, Barbara Sarnecka*
- 30. The developmental roots of a preference for negative fiction Lily Guillot, Paul Bloom
- 31. Effects of linguistic group on selective imitation in infants Lauren Haumesser Howard, Annette Henderson, Marissa Miller, Amanda L. Woodward
- 32. Scaling of advanced theory-of-mind tasks Elizabeth Hayward, Bruce Homer
- 33. The influence of invisible mental states on children's social preferences *Larisa Heiphetz, Elizabeth S. Spelke, Mahzarin R. Banaji*

- 34. The influence of competitive school settings on children's academic help seeking *Catherine Hicks, David Liu, Gail Heyman*
- 35. Production-comprehension discrepancy in substitute object pretense: The role of inhibitory control and theory of mind *Emily Hopkins, Eric Smith, Angeline Lillard*
- 36. Visual monitoring in early handwriting development Sarah Hunt, Jennifer Maldarelli, Bjorn Alexander Kahrs, Sara Jane Redahan, Wendy P. Jung, Jeffrey J. Lockman
- 37. Display of elements influences selection of children's enumeration strategies *Brenda Jansen, Koen Vlaar, Marthe Straatemeier, Han Van Der Maas*
- 38. What if the nice guy is clueless? Children adjust their trust based on evidence regarding reliability *Angie M. Johnston, Candice M. Mills, Asheley R. Landrum*
- 39. The effects of prior visual and haptic experience on haptic-to-visual cross-modal transfer Hilary Kalagher
- 40. The effect of task demand on belief reasoning in the pretend world Melissa M Kibbe, Lu Wang, Alan M Leslie
- 41. Children's understanding of facts, norms and preferences: Who should they listen to? *Sunae Kim, Kathleen Corriveau, Paul Harris*
- 42. Finding the semantic components of dynamic events: Infants categorize manner of motion *Haruka Konishi, Sujeet Ranganathan, Roberta Golinkoff, Kathy Hirsh-Pasek*
- 43. Is early understanding of pointing communicative? Evidence from 9-month olds *Madelaine Krehm, Kristine H. Onishi, Athena Vouloumanos*
- 44. Bridging the gap: Infants' sensitivity to bridge width and drop-off height *Kari Kretch, Jennifer Quon, Jennifer Kung, Karen Adolph*
- 45. Structure, or lack thereof, in children's word learning: Fast-mapping non-solid substances *Sarah Kucker, Larissa Samuelson*
- 46. Narrative socialization of earliest memories: Adolescents and their mothers Marina Larkina, Patricia J. Bauer
- 47. Does increased bilingual exposure enhance executive function in low income children? *Alena Esposito, Lynne Baker-Ward*
- 48. Is it guilty in here, or is it just me? Individual differences in guilt and its effects on cognitive processing *Candace Lassiter, Janet Boseovski, Vanessa Alvarado*
- 49. Children value ideas: Separating the value of ideas from the effort developing them Vivian Li, Kristina Olson
- 50. Introducing the child affective facial expressions set (CAFE) Vanessa LoBue, Cat Thrasher
- 51. Developmental changes in uncertainty monitoring during early adolescence *Kristen Lyons, Jacob Anderson, Philip D. Zelazo*
- 52. Touching up mental rotation: Effects of tactile experience on 6-month-old infants' mental object rotation *Wenke Moehring, Andrea Frick*
- 53. The effect of goals on learning from empirical data: Systematic testing leads to conceptual change *Amy M. Masnick, David Klahr, Erica R. Knowles*
- 54. Parental transmission of left-to-right spatial structuring in early childhood *Koleen McCrink, Wesley Birdsall, Christina Caldera*
- 55. Social cognition and language in children with high-functioning autism and Asperger's syndrome *Kyla McDonald, Nancie Im-Bolter, Keely Owens-Jaffray, Katharine Bailey*
- 56. The bully in my mind: Investigating children with mean imaginary companions *Melissa A. McInnis, Ansley Tullos Gilpin, Edward D. Barker, Jillian Pierucci*
- 57. Elaboration strategy use and memory for source in 4- and 6-year-old children: A training study *Lee-Ann McKay, Suzanne Hala*
- 58. Can toddlers learn foreign words through overhearing? Jennifer Menjivar, Nameera Akhtar
- 59. Individual differences in executive functions explain longitudinal development trends in analogical reasoning *Robert G. Morrison, Leonidas A. A. Doumas, Valerie Flores, Lindsey E. Richland*
- 60. Effects of labels on categorization: A critical analysis of similarity-based approaches Nicholaus Noles
- 61. Mathematical learning and the action-gesture continuum Miriam Novack, Eliza Congdon, Susan Goldin-Meadow
- 62. Do 7-month-olds prefer social entities that have more allies and possessions? David Pietraszewski, Karen Wynn
- 63. When is "a lot" more than "a few"? Amanda Pogue, Adel Jalabi, Mathieu Le Corre
- 64. Counting and estimating: Developmental relations between magnitude estimation and counting skill *Richard Prather, Cody Stitzel, Lisa Byrge, Sandra Street, Ty Boyer, Linda Smith*
- 65. Rumor mongering and remembering: Linking children's natural conversations following rumor to later false reports *Gabrielle Principe, Erica Schindewolf*

- 66. Count on it? Math and literacy talk during parent-child interactions in Head Start families *Geetha B. Ramani, Meredith L. Rowe, Sarah H. Eason, Kathryn A. Leech*
- 67. Preschoolers' understanding about people's ability Fan Yang
- 68. Learning to 'think' out loud: The role of mental verb input in the explication of epistemic representations *Valerie San Juan, Janet Wilde Astington*
- 69. Understanding the link between sensory perception and knowledge: A comparison of hearing and deaf children Ellyn Schmidt, Jennie Pyers
- 70. How do different types of toys influence the complexity of children's play? Patricia Schultz, Marissa Greif
- 71. Drawing comparisons across children's performance on numerical and proportion estimation tasks *Emily Slusser, Adele Borden, Martine Seiden, Hilary Barth, Anna Shusterman*
- 72. Paws and affect: Infants' affective responses to cat biological motion *Kasey C. Soska, Angeline Lillard, Rachel Keen, Amanda Grenell, Judy DeLoache*
- 73. Construction grammar and the acquisition of nouns and verbs André L. Souza, Catharine Echols
- 74. Four and five-year-old children spontaneously attribute flexibility to polysemous words *Mahesh Srinivasan, Jesse Snedeker*
- 75. Social cognition in a complex social environment and its relationship to language development Joan Test
- 76. Developmental differences in sensitivity to probabilistic negative feedback: Indices of heart-rate and behavior *Anna Van Duijvenvoorde, Brenda Jansen, Hilde Huizenga, Maurits Van Der Molen*
- 77. An ridiculously unbelievably preposterous conclusion: Use of adjectives in best-selling books *Ashley Vance, George Hollich, Arum Han*
- 78. Joint attention, self locomotion, and the development of intention understanding Amanda C. Brandone
- 79. Preschoolers' own knowledge conditions their judgments of others' epistemic states *Christopher Vredenburgh, Tamar Kushnir*
- 80. Premature linguistic color categories: Analysis of errors in color labeling Katie Wagner, Elizabeth Chase, Karen Dobkins, David Barner
- 81. Daytime sleepiness predicts recall when controlling for strategy use *Ashley Washing, Chris Odiorne, Jane F. Gaultney*
- 82. Siblings' effect on theory of mind development among Mexican-American children Amy A Weimer
- 83. Examining the body-object interaction effect in children Michele Wellsby, Penny M. Pexman
- 84. Auditory attention and social cognition: Two-year-olds' understanding of how sound influences others *Rebecca Williamson, Rechele Brooks, Andrew N. Meltzoff*
- 85. Direct social signals scaffold learning from unfamiliar referential cues during infancy Rachel Wu, Natasha Z. Kirkham, Kristen A. Swan, Teodora Gliga
- 86. Cognitive level of development and mathematical fluency of first grade children Zane Wubbena
- 87. Infants' perception of objects with an ambiguous start of motion Yevdokiya Yermolayeva, David H. Rakison
- 88. The development of context use and three way bindings in episodic memory *Hyungwook Yim, Simon Dennis, Vladimir Sloutsky*
- 89. Young children's response to variations in category sampling processes *Andrew Young, Charles W Kalish, Jordan Thevenow-Harrison*
- 90. Early gesture use and joint attention in at-risk twins Ozlem P. Yuksel-Sokmen, Naomi J. Aldrich, Patricia J. Brooks, Sonia Ragir, Elizabeth M. Lennon, Judith M. Gardner

POSTER SESSION II: SATURDAY, OCTOBER 15 FROM 5:45 – 7:15 PM

- 1. Children's biological explanations: Revisiting the vitalistic-to-mechanistic shift *Florencia K. Anggoro, Kerry L. Simon, Kelsey M. Killeen*
- 2. Tempo of speech discrimination in preschool children: The roles of intersensory redundancy and task difficulty Lorraine E. Bahrick, Sheila Krogh-Jespersen, Catherine Naclerio, Yessenia Lau
- 3. The effect of intrasensory stimulation on infants' quantitative discrimination Joseph Baker, Kerry Jordan
- 4. Age-related differences in performance and metacognitive accuracy in three reasoning domains *Karin Bakracevic Vukman*
- 5. Pedagogical signals and improved causal reasoning: Related or not? Igor Bascandziev, Paul L. Harris
- 6. Young children help others to achieve their social goals Jonathan S. Beier, Harriet Over, Malinda Carpenter
- 7. Precision of number, size, and cumulative area discriminations in preschoolers Justin Bonny, Stella Lourenco
- 8. Cognitive flexibility in monolingual and bilingual infants Natalie Brito, Emily Atkinson, Rachel Barr
- 9. Selective use of selective learning: Children use past accuracy differently in different domains *Patricia Brosseau-Liard, Susan Birch*
- 10. Children's pretend play is linked to causal knowledge and counterfactual reasoning *Daphna Buchsbaum, Deena Skolnick Weisberg, Alison Gopnik*
- 11. Play, creativity, and gender schema flexibility Justine Bucy, Isabelle Cherney
- 12. Individual differences in verbal and spatial skills in algebra students Allison Talbot, Julie L. Booth
- 13. Your picture is in a contest!: Do young children consider context when seeking feedback? *Anthony Byers, Judy DeLoache, Keirstin McCambridge, Katherine Kidwell*
- 14. Eighteen-month-old infants are sensitive to what others can see when understanding others' speech *You-jung Choi, Yuyan Luo, Hyun-joo Song*
- 15. Exposure to generic language induces rapid changes in children's naive theories about achievement *Andrei Cimpian*
- 16. The effects of anxiety and emotion on temporal visual attention Steve Croker, Frances A. Maratos, Lauren Kelly
- 17. Cross-dimensional mapping of number, length and brightness by preschool children *Lola De Hevia, Monica Vanserslice, Elizabeth Spelke*
- 18. Predictors of local processing in typical and atypical development Jennifer E. Drake, Ellen Winner
- 19. Preschoolers' body size judgements: Implications for decision-making *Sarah Dunphy-Lelii, Helen Skouteris, Merrilyn Hooley*
- 20. Entrapment or falling: Infants' exploration of action possibilities John Franchak, Arhanti Sadanand, Karen Adolph
- 21. It's okay to judge a block by its color: Toddlers' use of symbolic and intrinsic cues to objects' causal powers *Daniel Friel, Melissa Kline, Amanda Seed, Laura Schulz*
- 22. The joint role of anxiety and working memory in gender differences in math performance *Colleen Ganley, Marina Vasilyeva*
- 23. Lexical access in a modified Stroop task: The role of semantic neighborhood density in preschool children Lisa Gershkoff-Stowe
- 24. Children's understanding of acting v. pretense Thalia Goldstein, Paul Bloom
- 25. Exploring the effects of schooling on changes in behavioral and neurological indices of children's executive functioning Jennie K. Grammer, William J. Gehring, Melisa Carrasco, Matt H. Kim, Frederick J. Morrison
- 26. Parent support for learning words from video Gabrielle Strouse, Brian Verdine, Kate O'Doherty, Georgene Troseth, Megan Saylor
- 27. Peer influence on infants' developing preferences Laura Hennefield, Lori Markson
- 28. When humans become animals: Development of the animal category in early childhood *Patricia Herrmann, Douglas Medin, Sandra Waxman*
- 29. Social class influences the development of intergroup attitudes in a novel groups paradigm *Suzanne Horwitz, Kristina Olson, Kristin Shutts*
- 30. Infants' inferences about gradedness and hierarchy of others' preferences Jane Hu
- 31. Catching up and falling short: Early bilinguals' second language attainment in grammar and speech production Becky Huang, Chen-Huei Wu, Alex Brenner, Jesse Snedeker
- 32. Comparing affective and neutral inhibitory control in 5- to 7-year-olds Amanda Hudson, Sophie Jacques
- 33. The development of executive functioning and theory of mind during middle childhood *Alycia Hund, Allison Bock, Lindsey Berbeka, Kristin Gallaway, Lindsay Sarno, Callyn Zartman*
- 34. The role of executive function in the acquisition of biological concepts: An individual differences study *Yeshim Iqbal, Deborah Zaitchik, Susan Carey*
- 35. Distractibility during the preschool years Kathleen Kannass, Nancy M. Wyss, Kathryn O'Toole, Clare Griner

- 36. Palestinian and American children's understanding of facial expressions Mary Kayyal, James Russell, Sherri Widen
- 37. Micro-coding preschoolers' ability to inhibit Christina Kirkman, Sarah Berger
- 38. Children know about sticks and stones, but what do they say about words? *Robyn Kondrad, Claire Galdun, Vikram K. Jaswal*
- 39. Visual statistical learning of shape sequences in infancy Lauren Krogh, Scott Johnson
- 40. An examination of linkages between early mother-child reminiscing and children's later deliberate memory performance Hillary Langley, Jennifer Coffman, Amy Hedrick, Jennifer Bohanek, Lynne Baker-Ward, Peter Ornstein
- 41. When spatial cues conflict adults and young children make different choices *Amy Learmonth, Ashley Smith, Melanie Bronstein, Michelle Palmieri*
- 42. Auditory feedback of exploratory arm movements facilitates the development of reaching in infancy *Mei-Hua Lee, Karl M. Newell*
- 43. Four year- old children and Capuchin monkeys pay forward generosity and spite in a donation game Kristin Leimgruber, Adrian F. Ward, Michael I. Norton, Kristina R. Olson, Kurt Gray, Laurie R. Santos
- 44. School-age children's memory for emotional scenes Jacqueline Leventon, Jennifer S. Wilson, Patricia J. Bauer
- 45. Response monitoring in 4-5 year olds: Investigating the presence of ERN and/or Pe using a Go-Nogo task *Michaela Upshaw, Jessica Sommerville, Liliana Lengua*
- 46. Similarities and differences in approximate numerical comparisons between children and adults as revealed by eye gaze *Klaus Libertus*, *Melissa Libertus*
- 47. Approximate number discrimination predicts later math ability in preschoolers *Melissa Libertus, Lisa Feigenson, Justin Halberda*
- 48. Adult and infant attention during action perception is context dependent Jeff Loucks, Jessica Sommerville
- 49. The role of co-occurrence probability in children's inductive inference Bryan Matlen, Karrie Godwin, Anna Fisher
- 50. At a loss for words: Exploring 18-month-olds' willingness to apply the mutual exclusivity bias to gestural labels *Meredith Elizabeth Mechanik, Grace Kohut, Makeba Parramore Wilbourn*
- 51. One of these things is not like the other: Examining the isolation effect in young children *Stephanie Miller, Naomi Chatley, Stuart Marcovitch, Melissa McConnell Rogers*
- 52. Infants' abilities to parse and enumerate orthogonal ensembles Mariko Moher, Lisa Feigenson
- 53. How does communicative experience impact preschool children's understanding of symbolic gestures? *Lauren Myers, Madeline Berkowitz, Sara Chang, Alexandra Spear*
- 54. Theory of mind development predicts preschoolers' use of belief words in reasoning about emotions *Nicole Nelson, Sherri C. Widen*
- 55. Learning words from overhearing: Relations with social experience Rosalie Odean, Priya Shimpi, Nameera Akhtar
- 56. The joint effects of mothers' and teachers' memory-relevant language on the development of children's memory skills *Peter Ornstein, Hillary Langley, Benjamin Brumley, Kathryn Howlett, Jennie Grammer, Jennifer Coffman*
- 57. Does mother know best? Maternal knowledge calibration predicts children's language development *Ashley Pinkham, Tanya Kaefer, Susan B. Neuman*
- 58. Are executive functioning skills necessary to succeed on false belief tasks based on violation of expectation? *Diane Poulin-Dubois, Jessica Yott, Melissa Dimitriadis*
- 59. Only a fraction of students have mastered fractions by middle school Aryn Pyke, Robert Siegler
- 60. The effects of multiple exemplars on learning category-specific associations in 12-month-old infants *Maartje Raijmakers, Dorothy J. Mandell*
- 61. Do mood states influence food consumption and food selection? Lakshmi Raman
- 62. Developing multivariable thinkers Stephanie Ramsey, Deanna Kuhn
- 63. Preschoolers' forgiving of past mistakes depends on the informant's social closeness *Bolivar Reyes-Jaquez, Catharine H. Echols*
- 64. Reading to learn: Pre-readers' and early readers' trust in text as a source of knowledge *Elizabeth J. Robinson, Shiri Einav, Amy Williamson*
- 65. The importance of knowing who likes to fep: Evidence for constraints on social category based induction William Dunlop, Andrew Scott Baron, Yarrow Dunham
- 66. The nature of the electrophysiological response associated with recollection in preschool children *Leslie Rollins, Tracy Riggins*
- 67. An exploration into the limits of infants' object chunking Rebecca D. Rosenberg, Lisa Feigenson
- 68. The role of disgust in acquiring purity-based morals Josh Rottman, Deborah Kelemen
- 69. Social cues help infants glean structure from action Kara Sage, Dare Baldwin
- 70. Generalization and sequential understanding of novel and familiar events in children with cognitive and language delays *Tashana Samuel, Laraine McDonough*

- 71. Mothers' conversational goals during an event: Linkages to children's remembering *Priscilla San Souci, Amy M. Hedrick, Hillary Langley, Kathryn Howlett, Erin Wilkerson, Catherine A. Haden And Peter A. Ornstein*
- 72. A cognitive developmental perspective on authenticity: Reasoning about accidental and purposeful authenticity violations *Brooke Schepp, Cristine Legare, Naomi Schwendemann, Molly Callahan*
- 73. Does a man who knows about sports know about cooking as well? Preschoolers' trust in the testimony of males and females *Christine Shenouda*, *Judith Danovitch*
- 74. Idealization and scientific models Mark Sheskin, Frank Keil
- 75. The development of number concepts in oral-deaf preschoolers Anna Shusterman, Talia Berkowitz
- 76. 24-month-olds learn unconventional labels from unconventional actors *Annette Henderson, Susan Graham, Vanessa Schell*
- 77. Nouns, but not adjectives or stickers, guide inductive inference in preschoolers *Amy Booth, Susan Graham, Sandra Waxman*
- 78. The role of contextual diversity on cross-situational word learning: A comparison between adults and children learners *Sumarga Suanda, Nassali Mugwanya, Laura L. Namy*
- 79. The learning mechanisms guiding children's number word mappings Jessica Sullivan, David Barner
- 80. Infants learn visual sequences with noisy statistics Kristen Swan, Natasha Kirkham
- 81. Words organize children's attention in a search task Catarina Vales, Linda Smith
- 82. The dynamics of development on the dimensional change card sorting task *Bianca Van Bers, Ingmar Visser, Tessa Van Schijndel, Dorothy Mandell, Maartje Raijmakers*
- 83. Verb learning: An eye-tracking study of event comparison by children and adults *Christina Velasquez, Jane Childers, Rebecca Parrish*
- 84. One or two persons speaking: Does it make a difference in structural priming? Friederike M. Von Lehmden, Katharina J. Rohlfing, Eva Belke
- 85. Infants' understanding of plants: Is there an edibility assumption? Annie Wertz, Karen Wynn
- 86. Imaginative play in homeless children Rachel White, Stephanie Carlson, Ann Masten
- 87. Parent-child conversations and object manipulation in a museum exhibit: Impacts on learning outcomes *Erin Wilkerson, Catherine Haden, David Uttal, Philip Hoffman, Nathaniel Meadow*
- 88. Same old story -- contextual cueing facilitates word learning in shared storybook reading *Sophie E Williams, Jessica S. Horst, Jane Oakhill*
- 89. Young children's social categorization: Is the moral dimension most important? Tess N. Young, Karen Bartsch
- 90. Assessing children's conceptions of robotics with the "Draw-a-Robot Task" Corinne Zimmerman, Kevin Devine

ALTERNATE POSTER SESSION A: FRIDAY, OCTOBER 14 FROM 3:30 – 5:15 PM

- 1. Theory of mind and social problem solving in children with and without language-based learning disabilities *Katharine Bailey, Nancie Im-Bolter, Keely Owens-Jaffray, Kyla McDonald*
- 2. Are preschoolers' tool choices influenced by preference cues? Sarah Bidmead, Marissa Greif
- 3. The effects of attentional biases for emotion and shape on preschoolers' interference control *Alexandra Bluell, Derek Montgomery*
- 4. Theory of mind and self understanding in middle childhood: Gender and developmental differences Sandra Bosacki
- 5. Your eyes say "no" but your heart says"yes": Behavioral and psychophysiological indices in infant quantitative processing *Caitlin Brez, John Colombo*
- 6. Which block is better at making the machine go?: How children balance their trust in an informant vs. the data *Sophie Bridgers, Daphna Buchsbaum, Elizabeth Seiver, Alison Gopnik, Thomas L. Griffiths*
- 7. Integrating behavioral and neural dynamics over development in the dimensional change card sort (DCCS) task *Aaron Buss, John P. Spencer*
- 8. Writing and reading multidigit numbers: gender differences in preschoolers Lisa Byrge, Cody Stitzel, Sandra Street, Richard W. Prather, Linda B. Smith
- 9. Working memory capacity in bilingual and monolingual children Alejandra Calvo, Vered Latman, Ellen Bialystok
- 10. Young children's concept of middle in the domain of number Chi-ngai Cheung, Stella Lourenco
- 11. I can tell you what I think: Relations between toddlers' mental state language and theory of mind skills *Sabrina S. Chiarella, Diane Poulin-Dubois, Susanne Kristen, Beate Sodian*
- 12. Children's concept of time in space Katherine S. Choe, Jacob Davis
- 13. Effects of first-language label training on second-language label learning in preschoolers *Caitlin Cole, Melissa Koenig, Maria Sera*
- 14. Effects of exogenous and endogenous distraction on long-term recall in toddlers *Wallace E. Dixon, Jr., Hannah G. Lawman*
- 15. Do chimpanzees use inductive inferences to categorize objects by non-visible properties? *Francine Dolins, Susan Gelman, Jessica Bramlett, Michael Beran*
- 16. Trust based on group membership or accuracy? Individual differences in children's informant preferences *Fadwa B. Elashi, Candice M. Mills*
- 17. "This is the door:" Analyzing preschool children's block building Erica Zippert, Geetha B. Ramani, Shane Schweitzer, Sophia Huang Pan
- 18. Do children learn how to use tools through gesture? A problem by design Marissa Greif, Allison Weinstein
- 19. The representation of internally-driven object's change and object's features in children: New developments *Maciej Haman*
- 20. Follow the liar: Does lying to children cause them to lie in return? Chelsea Hays, Gail Heyman, Leslie Carver
- 21. Temporal synchrony in gesture and speech David Holcombe, R. Breckinridge Church, Spencer Kelly
- 22. Non-featural influences on children's similarity judgments Gavin Jenkins, Larissa Samuelson
- 23. Infants' response to goal-related information within an unfolding stream of intentional action *Jessica Kosie,* Dare Baldwin
- 24. Young children's ability to remember information about absolute extent Mee-Kyoung Kwon, Susan Cohen Levine
- 25. What happens when a monster bakes cookies? Children's judgments of reality *Stephanie LaRose, Hannah Bisgyer, Alyssa Lepore*
- 26. The cognitive developmental underpinnings of ritual *Cristine Legare, Harvey Whitehouse, Nicole Wen, Jenna Seagraves*
- 27. The effects of distractibility on reading comprehension among elementary school-age children Cindy Lipper
- 28. Anthropomorphism and morality: Mental state attribution and concern for non-human entities *Gabriel Lopez-Mobilia, Jacqueline Woolley*
- 29. The effect of set size and language on children's early noun learning *Shelley Mackinnon, Lisa Cantrell, Linda B. Smith*
- 30. Fantasy orientation and social competency Leslie Mathis, Ansley Tullos Gilpin, Melissa McInnis, Jillian Pierucci
- 31. Learning mechanisms for acquiring knowledge of tonality in music *Rikka Quam, Matthew Rosenthal, Erin E. Hannon*
- 32. Infant attention to multimodal speech cues: Connecting visual attention and communicative development *Alexa Romberg*
- 33. Probing the link between visual short-term memory (STM) and attention in infants *Shannon Ross-Sheehy, John P. Spencer*

- 34. Gaze and point following reveals intentional understanding: relationships between early joint attention & theory of mind Camila Soares De Abreu, Claudia Cardoso-Martins, Catharine H. Echols
- 35. The manifestation of rural vs urban poverty on working memory Michele Tine, Christine Gange, Rebecca Gotlieb, Julia Schneider, Auriell Towner
- 36. Is performance on a nonverbal false belief task rule-based? Jessica Yott, Diane Poulin-Dubois
- 37. Specifying the relationship between pretense and inhibitory control in preschoolers *Jennifer Van Reet, Katherine Boguszewski*
- 38. Learning to distrust Kimberly Vanderbilt, David Liu, Gail Heyman
- 39. What was that called? Retrieval dyanmics in statistical word learning Haley Vlach, Catherine Sandhofer
- 40. The role of explanation in children's causal learning Caren Walker, Joseph Williams, Alison Gopnik, Tania Lombrozo
- 41. Learning to learn: Examining one-trial learning in infants Kelsey West, Viridiana Benitez, Linda Smith
- 42. Sarcasm appreciation in middle childhood: Behavioral and processing measures tell the story *Juanita Whalen, Penny Pexman*
- 43. Omega-6 to omega-3 ratio and higher order cognitive functions in 7 to 9 year olds Kelly Will, Carol Cheatham
- 44. Child-directed action (motionese) promotes imitation Rebecca Williamson, Rebecca J. Brand

ALTERNATE POSTER SESSION B: SATURDAY, OCTOBER 15 FROM 3:30 – 5:15 PM

- 1. Children's socio-cognitive understanding of jealousy during middle childhood *Naomi Aldrich, Nicole Kwoka, Jessica Herrera, Patricia J. Brooks*
- 2. How ostensive naming facilitates word learning via fast mapping Emma Axelsson, Jessica S. Horst
- 3. Biological motion primes 10-month-olds' categorization abilities Kristyn Wright, Diane Poulin-Dubois
- 4. Inhibition of responses in young monolingual and bilingual children: Evidence from ERP *Raluca Barac, Ellen Bialystok*
- 5. How early dependence leads to later independence: The case for cognitive development Elaine Barry
- 6. Development of language without vision Marina Bedny, Hilary Richardson, Rebecca Saxe
- 7. The effects of bilingualism and socioeconomic status on cognitive control Viridiana L. Benitez, Linda B. Smith
- 8. Performance dissociation on number line estimation and arithmetic between Chinese kindergartners and second graders *Qingyi Yu, Elida Laski*
- 9. Spoken word recognition in children and adults Manuela Cameiro, Selene Vicente
- 10. Spontaneous attention to number: Cross-cultural differences Lisa Cantrell, Chistine Kercheval, Linda B. Smith
- 11. Effects of incentive, motivation, and levels-of-processing on 3- to 5-year-olds' recall *Hali Castleman, Catherine Stewart, Martha Arterberry*
- 12. Once upon a time, or a long time ago? Secular and religious children's judgments of real and pretend *Eva Chen, Paul L. Harris, Kathleen H. Corriveau*
- 13. The effects of negative parental affect on infant responses to familiar and unfamiliar toys *Daisy Cruz, Leslie Carver*
- 14. The 'extent' of children's ability to understand the space/time metaphor Carolyn Dahlgren, Talia Berkowitz, Anna Shusterman, Laura Wagner
- 15. The relationship between maternal responsiveness and infant joint attention abilities *Amber Dewey, Julie Gros-Louis*
- 16. The development of word and face processing abilities Eva Dundas, Marlene Behrmann, Lauren Lorenzi
- 17. Crossing the boundary: Children's understanding of the causal impermeability between fictional and real worlds Caren Walker, Patricia Ganea, Alison Gopnik
- 18. Bigger and better?: The influence of sample size on recognition and inductive generalization in preschoolers and adults *Stephanie Fair, Chris Lawson*
- 19. Social influences on children's epistemic and emotional trust *Samantha P. Fan, Jasmine DeJesus, Kathleen Corriveau, Katherine D. Kinzler*
- 20. It belongs in a museum "because it tells a story": Parent-child conversations about authentic objects *Brandy Frazier, Susan Gelman, Sarah Stilwell*
- 21. Effects of similarity and familiarity on beliefs about reality Maliki Ghossainy, Jacqueline D. Woolley
- 22. Preschoolers' memory for generic and specific category labels Selin Gulgoz, Susan Gelman
- 23. The development of cognitive control: Evidence from responses to simple relative to embedded rule structures *Sara Haas, Lauren McShane, David Badre, Dima Amso*
- 24. Parent-child conversations in a children's museum: Linkages to STEM-related learning *Philip Hoffman, Erin Wilkerson, Catherine Haden, Jacqueline Geddes*

- 25. Semantic and conceptual organization in pre-schoolers and adults Nora Isacoff, Karin Stromswold
- 26. The role of maternal reminiscing style and language ability at 36 months on second graders' reports of first memories Jennifer Johnson, Lynne Baker-Ward, Jennifer Bohanek, Amy Hedrick, Carole Peterson
- 27. Children's understanding of emotional influences on others' behavior Meghan Kanya, Judith Danovitch
- 28. Twelve-month-old infants can use verbal information in anticipating other people's action goals Eun Young Kim
- 29. The influence of task conditions on working memory performance during development *Gabriela Koppenol-Gonzalez, Samantha Bouwmeester, Jeroen K. Vermunt*
- 30. Bad singers make bad judges? Children's understanding of relevant and irrelevant characteristics for decision making *Asheley R. Landrum, Candice M. Mills*
- 31. Learning proportion as a function of contexts Saebyul Lee, Vladimir M. Sloutsky
- 32. The effect of suportive touch on compliance in pre-school aged children *Julia Leonard, Talia Berkowitz, Anna Shusterman*
- 33. Selective attention constrains infants' learning of competing information Julie Markant, Kathleen M. Thomas
- 34. Japanese children's response tendencies to comprehensible and incomprehensible yes-no questions *Mako Okanda*
- 35. Using affiliative priming to increase prosocial behavior in a naturalistic setting Eric Olofson, Hung Duong
- 36. Social cognition, language and mental attentional capacity Keely Owens-Jaffray, Nancie Im-Bolter
- 37. Wish me success, but in the right way: The impact of success expectations varies by type and target Daeun Park, Elizabeth A. Gunderson, William L. Owens, Larisa J. Hussak, Susan C. Levine, Sian L. Beilock
- 38. Understanding the referential function of pictures Olga Peralta, Florencia Mareovich
- 39. Increasing the space of hiding raises accuracy of seeking Lynn Perry, Larissa Samuelson, John Spencer
- 40. Does conventionality matter? Children's consideration of accuracy vs. conventionality when judging reliability *Jillian Pierucci, Jason Scofield, Ansley Tullos Gilpin*
- 41. Birthday parties and age manipulation Amanda Rhoads, Jacqueline D. Woolley
- 42. Children's memory for generalizable and non-generalizable information *Anne E. Riggs, Charles Kalish, Martha Alibali*
- 43. Embedded math activities for 5-year-old children in Japanese preschools Tomomi Sakakibara
- 44. Does group loyalty influence moral judgments? -Katharine Saunders, Anton Shcherbakov
- 45. Sometimes 'people just don't feel like it': Children's explanations of inconsistent behavior *Elizabeth Seiver, Alison Gopnik*
- 46. Spin the wheel!: Children allow inequality based on a fair procedure Alex Shaw, Kristinia Olson