International Society on Infant Studies

Conference program

11th Biennial International Conference on Infant Studies
Sheraton Colony Square Hotel
Atlanta, Georgia, April 2-5, 1998
11th Biennial
INTERNATIONAL CONFERENCE
ON INFANT STUDIES

Sponsored by the
International Society on Infant Studies
Esther Thelen, President

April 2-5, 1998
Atlanta, Georgia

Sheraton Colony Square Hotel

Conference Chairs: Lauren B. Adamson & Roger Bakeman
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Prelude and Acknowledgements

Herein is the program for the 11th Biennial International Conference on Infant Studies. We present it to you with the hope that you will find the meeting it describes intellectually vital and creative. There is ample reason for optimism. Over 1300 scholars from 25 countries have contributed a grand total of 1 presidential address, 1 presidential policy symposium, 2 keynote addresses, 3 debates, 3 invited addresses, 12 Sunday breakfast discussions, 53 symposia and discussions, and 525 poster presentations. Additionally, there is an array of receptions and coffees and a springtime garden party. Of course, numbers and lists await interpretation. We sincerely hope that you enjoy participating in the proceedings.

When we agreed to host the conference in Atlanta, we decided to break with the tradition of separating program and local arrangements. Now that the conference has developed the differentiated and hierarchically integrated form of an academic meeting, we encounter an unanticipated consequence of its global organization: we find ourselves in the most fortunate position of being deeply grateful to many, many people. Almost everyone with whom we have worked in the past two years has contributed to the conference, and several people have worried with us about nearly every of its details.

We want to single out the Developmental Lab team at Georgia State University for an especially loud note of gratitude. In particular, we thank the conferences' two executive coordinators, Lee (and baby Will) Hunter, who launched us in the right direction, and Phyllis Holditch, who is guiding us skillfully toward the meeting; the lab's research coordinator, Deborah Deckner, who has cheerfully added countless ICIS hours to her busy schedule; its doctoral students, Yana Markov, Duncan McArthur, and Connie Russell, who have helped to organize the program and the conference volunteers; and its freshmen assistants, M. Janelle Cambron and Cheryl Williams, who have plunged right into the details of our discipline.

In addition, we heartily thank our local colleagues, Natacha Akshoomoff, Josephine Brown, Marsha Clarkson, Frank Haist, and Mary Morris, for their willingness to help us with the details, and Daryl Nenstiel for his careful proofreading. We also want to express our gratitude to several administrators and staff members at the university. Ahmed Abdelal, Dean of the College of Arts and Sciences, and Robin Morris, Chair of the Department of Psychology, enthusiastically endorsed the conference and provided us with critical resources. Mac Bibb, the College’s administrative director, and Janice Irwin, its personnel director, patiently help us figure out how to get things done. The front office staffs of the Department of Psychology and the Dean’s office braved mountains of mail and faxes.

Various ISIS members helped plan the meetings. We are especially indebted to Steven Reznick and Lewis Lipsitt, chairs of ICIS 1996, who in notes and voice answered countless questions. We also received wise council from the International Society of Infant Studies Program Committee (Esther Thelen, ISIS president; Roberta Golinkoff, treasurer; Marian Sigman, secretary; Rachel Clifton, president-elect; Lewis Lipsitt and Steven Reznick of ICIS 1996; and George Butterworth and Gavin Brenner of ICIS 2000). Finally, we gratefully acknowledge the creative organizational talents of Roberta Golinkoff who developed the debates, Marsha Clarkson, who invited speakers, David Lewkowicz who developed the ICIS web page, and the 10 chairs of review panels and 93 panel members who shaped the submitted program.

Welcome to ICIS 98!

Lauren B. Adamson and Roger Bakeman
1998 ICIS Review Panels

1. Motor and Sensorimotor Behavior
   Chair: Claes von Hofsten
   Reviewers:
   Janette Benson, Neil Berthier, Henriette Bloch, Paul Boudreau, Philippe Rochat, Geert Savelbergh, Esther Thelen

2. Biological Processes
   Chair: John E. Richards
   Reviewers:
   Marie T. Balaban, Martha Ann Bell, W. Keith Berg, Mark Johnson, Robert Lickliter, Charles A. Nelson, Steven S. Robertson

3. Perception and Attention
   Chair: Sandra E. Trehub
   Reviewers:
   Catherine Best, John Colombo, Robin L. Cooper, James L. Dannemiller, Terri Lewis, Daphne Maurer, E. Glenn Schellenberg, Mark Schmuckler, Laurel J. Trainor

4. Communication and Language
   Chair: Michael Tomasello
   Reviewers:
   Nameera Akhtar, Dare Baldwin, Patricia Brooks, Nancy Budwig, Soonja Choi, Gina Conti-Ramsden, Phil Dunham, Ann Fernald, Kathy Hirsh-Pasek, Erika Hoff-Ginsburg, Katherine Nelson, Linda Smith, Catherine Snow

5. Cognition, Memory, and Learning
   Chair: Gavin Bremner
   Reviewers:

6. Social Development
   Chair: Carol O. Eckerman
   Reviewers:
   Celia Brownell, Jay Belsky, Martha Cox, Alan Fogel, Cynthia Garcia-Coll, Carolee Howes, Russell Isabella, Susan Jones, Hildy Ross, Cynthia Stifter

7. Emotional Development
   Chair: Kim Bard
   Reviewers:
   Tiffany Field, Nathan Fox, Daniel Messinger, Vasudevi Reddy, Mary Rothbart, Ross Thompson, Tedra Walden

8. High Risk and Pediatric Issues
   Chair: Ronald G. Barr
   Reviewers:
   Susan Berger, Megan Gunnar, Susan Goldberg, Edward Goldson, Fran Porter, Michael Lewis, Betsy Lozoff, Linda Mayes, Steve Porges, Sandy Zeskind

9. Psychopathology & Developmental Delay
   Chair: Susan H. Landry
   Reviewers:
   Marjorie Beeghly, Robert Emde, Claire D. Coles, Susan Rose, Edward Tronick, Tom Whitman, Charles Zeanah

10. Early Environments and Social Policy
    Chair: Craig Ramey
    Reviewers:
    Donna Bryant, Frances Campbell, Patrick Casey, Keith Cnbcic, Michael Guralnick, Penny Hauser, Barbara Jo Howard, Arthur J. Reynolds, Donald Routh, Donna Spiker

11. Other
    Lauren B. Adamson, Roger Bakeman, Marsha G. Clarkson
# Hotels & Public Transportation

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<th>HEADQUARTERS HOTEL</th>
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<tr>
<td>188 14th Street</td>
<td>$106 single/double</td>
</tr>
<tr>
<td>Atlanta, GA 30361</td>
<td>$126 triple</td>
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<tr>
<td>404-892-6000</td>
<td>$146 quad</td>
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<tr>
<td>800-422-7895 (outside GA)</td>
<td>Just east of Peachtree on 14th, 1½ blocks (uphill) from the Arts Center MARTA station.</td>
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<tr>
<th>OTHER PARTICIPATING HOTELS</th>
<th>Atlanta Four Seasons Hotel</th>
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<tr>
<td>75 14th Street</td>
<td>$125 single/double, Thurs.-Sun., April 2-5; $149 for Wed., April 1</td>
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<tr>
<td>Atlanta, GA 30361</td>
<td>About a block west of the Sheraton, 1 block from the Arts Center MARTA station.</td>
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<tr>
<td>404-888-8686</td>
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<tr>
<td>800-332-3442</td>
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<tr>
<td>Marriott Suites Midtown</td>
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<td>35 14th Street</td>
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<td>Atlanta, GA 30361</td>
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<tr>
<td>404-888-3664</td>
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<tr>
<td>800-228-9290</td>
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<td>Fairfield Inn by Marriott</td>
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<tr>
<td>1470 Spring Street</td>
<td>About 6-7 blocks from the Sheraton, 4 blocks from the Arts Center MARTA station; ask about shuttle service.</td>
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<tr>
<td>Atlanta, GA 30361</td>
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<tr>
<td>404-872-5821</td>
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## Reservations
To make reservations, contact the hotel by phone or mail and identify yourself as an ICIS PARTICIPANT. Provide a credit card number to guarantee your reservation. Reservations should be made before March 11, 1998. The hotels cannot guarantee our rooms or these rates beyond that date. Please check with the hotels for information on their cancellation policies. Room rates do not include a 14% tax.

These hotels are located in Midtown, between Downtown and Buckhead, and are located on a triangle defined by Spring, Peachtree, and 14th Streets (see local map). The Arts Center Station is in the middle of this triangle, as is the High Museum of Art. Olmstead’s Piedmont Park, which contains the Atlanta Botanical Garden, is a few blocks away. Colony Square, which contains the Sheraton, has shops, restaurants, and a food court. From the airport take a taxi ($18 flat rate) or any MARTA train; all trains from the Airport (end of the North-South Line) go to the Arts Center Station (22 min, $1.50).

## Public Transportation
The Metropolitan Atlanta Rapid Transit Authority (MARTA) comprises bus routes and a rail system. The rail system is a cross: The North-South line and the East-West line cross at Five Points, which is the historic center of Atlanta and is where Underground Atlanta (a collection of shops, stores, etc.) is located. The terminus of the South line is at the Airport (S7). The Arts Center Station (N5), near the hotels, is the fifth station north of Five Points. The Martin Luther King Center is near the second station on the East line (E2), and Atlanta’s largest shopping center, Lenox Square, is NE7 on the Northeast line (the North Line splits at N6 into the Dunwoody or North line and the Doraville or Northeast line).
### THURSDAY

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All booths (1-12) are located in Ballroom North. The exhibit area is open 12:30-4:30 Thursday, 9-4:30 Friday, 9-3 Saturday, and 9-12 Sunday.
Preconferences

Thursday, April 2

8:00 a.m.-12:00 noon
The Annual Touch Research Symposium
The presenters include researchers from Israel, England, and France who are conducting studies on normal and high-risk infants. Please contact Laura Billings for the program at 305-243-6781.
Atlanta Room (Mall Level)

8:30 a.m.-12:00 noon
Developmental Neuropsychology Group
For more information contact Dennis Molfese at 618-453-3521 or e-mail dmolfese@som.siu.edu.
Roswell Room (Mall Level)

9:00 a.m.-12:00 p.m.
Baby FACS
Baby FACS workshop (Facial Action Coding System for infants and young children). For further information contact Harriet Oster at 212-315-2880 or email ostenh@psych.nyu.edu or harriet.oster@nyu.edu.
Kennesaw Room (Mall Level)

9:00 a.m.-12:30 p.m.
Noldus Georgia Tech Continuing Education Training Facility (in the Mall)
Noldus Information Technology presents a Technical Pre-Conference Tutorial. Computer-aided collection and analysis of observational data using The Observer® software. Cost is $175 for the 3½ hr session; computers provided. For more information and registration contact Melisa Sergent at 888-355-9541, FAX 703-404-5507, or email m.sergent@noldus.com.

General Information

Conference Abstracts
Conference abstracts appear as a special issue of Infant Behavior and Development. Copies are available at the Ablex Publishing booth in Ballroom North.

Exhibits
Book publisher and other booths are located in Ballroom North. The exhibit area is open 12:30-4:30 Thursday, 9-4:30 Friday, 9-3 Saturday, and 9-12 Sunday.

Hospitality
Local information is available from student volunteers. Look for the booth in the ballroom foyer.

ISIS and IBAD Events
The ISIS Executive Board meets Thursday, April 2, 9:00-11:30 a.m., in the Marietta Room (Mall Level). A continental breakfast will be served. The Editorial Board of Infant Behavior and Development meets Saturday, 7:30-8:50 a.m. in the Toulouse Room, above the hotel café. A Southern buffet breakfast will be served.

Parking
Overnight parking in the parking garage under Colony Square is $8.50 per day for hotel guests. Others can park there for $8.50 for the day if they have a gold sticker, which will be available at the conference registration desk. Otherwise, day parking in the Colony Square garage is $12.00. Valet parking is available to hotel guests for $10.00.

Registration
Please pick up your name badge and registration packet, including, if applicable, your ticket(s) to the Friday night Garden Party and Buffet, at the ICIS Registration Desk, Sheraton Colony Square Hotel, ballroom foyer. The registration desk will be open Thursday, April 2, from 10:00 a.m. to 4:30 p.m.; Friday, April 3, from 8:00 a.m. to 4:30 p.m.; and Saturday, April 4, from 8:00 a.m. to 1:00 p.m.
Program Highlights

KEYNOTE ADDRESSES

Thursday, 4:30-6:00 p.m., Keynote Address (Th29), Ballroom South
If not buzzing confusion, then what?
Speaker: Jerome S. Bruner, Chair: Sue Savage-Rumbaugh

Friday, 4:30-6:00 p.m., Keynote Address (Fr53), Ballroom South
Ontogeny and phylogeny revisited, or why the child is not the
evolutionary father to the man
Speaker: Stephen Jay Gould, Chairs: Esther Thelen, Roger Bakeman

We are pleased to acknowledge the generous support of Johnson & Johnson for these addresses.

INVITED ADDRESSES
and DEBATES

Thursday, 2:30-4:20 p.m., Debate (Th15), Ballroom South
Emotions: Intrapsychic phenomena or social signals?
Participants: Joseph J. Campos vs. Carroll Izard & Brian Ackerman, Moderator: Lois Bloom

Friday, 8:30-10:20 a.m., Invited Address (Fr01), Ballroom South
Touch and touch therapies
Speaker: Tiffany M. Field, Chair: Lewis A. Leavitt

Friday, 10:30-12:20 a.m., Debate (Fr16), Ballroom South
Lexical principles meet social-pragmatic factors: Is a marriage possible?
Participants: Roberta M. Golinkoff & Kathryn Hirsh-Pasek vs. Michael Tomasello & Nameera Akhtar,
Moderator: Patricia J. Bauer

Friday, 12:30-2:20 p.m., Invited Address (Fr32), Ballroom South
The once and future infant
Speaker: Jean Mandler, Chair: Rochel Gelman

Saturday, 8:30-10:20 a.m., Invited Address (Sa01), Ballroom South
Mothers and infants: Suckling, opioids, analgesia, and the origins of mother love
Speaker: Elliott Blass, Chair: Rachel K. Clifton

Saturday, 10:30-12:20 a.m., Debate (Sa15), Ballroom South
Do infants possess innate knowledge structures?
Participants: Renee Baillargeon vs. Linda B. Smith, Moderator: Roberta M. Golinkoff

PRESIDENTIAL SYMPOSIUM

Friday, 2:30-4:20 p.m., Presidential policy symposium (Fr46), Ballroom South
Infant research, public policy, and the media
Participants: Mark I. Applebaum, Sandra Blakeslee, Robert N. Emde, Megan R. Gunnar, Deborah Phillips,
Esther Thelen, Barry Zuckerman, Chair: Esther Thelen
BUSINESS MEETING and PRESIDENTIAL ADDRESS

Saturday, 3:00-4:20 p.m., ISIS Awards and Business Meeting (Sa44), Ballroom South, including the 1998 ISIS Dissertation Award and Young Investigator’s Award as well as special recognition to Carolyn Rovee-Collier for her contributions as editor of Infant Behavior and Development.

Saturday, 4:30-6:00 p.m, Presidential Address (Sa45), Ballroom South
Grounded in the world: Developmental origins of the embodied mind
Speaker: Esther Thelen, Chair: Carolyn Rovee-Collier

SUNDAY BREAKFAST DISCUSSIONS

Sunday, 8:30-9:30 a.m., Sunday Morning Breakfast Discussions (Su01), Ballroom South

SOCIAL EVENTS

Thursday, 6:00-9:00 p.m., Opening Reception
Crown Room, Sheraton Colony Square Hotel. The Crown Room is on the top floor of the Sheraton Colony Square hotel with views of Atlanta, including Piedmont Park and surrounding areas. A cash bar will be available. Hors d’oeuvres will be provided, compliments of Johnson & Johnson Consumer Companies, Inc.

Friday, 6:30-10:00 p.m., Garden Party and Dinner Buffet
Atlanta Botanical Garden. Tickets are limited and must be purchased in advance. Buses to and from the garden will be provided, although the athletically inclined may prefer to walk the 5 or so blocks. We thank Georgia State University for supporting the planning for this event.

Saturday, 6:00-8:00 p.m., Presidential Reception
Upper Lobby, Sheraton Colony Square Hotel. Light snacks will be provided. A cash bar will be available. We thank Indiana University for their contribution to this event.

Friday and Saturday mid-morning, Coffee
We thank Lawrence Erlbaum Publishers for supporting the Friday Coffee.
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International Society on Infant Studies

Program
11th Biennial International Conference on Infant Studies
Atlanta, Georgia, April 2-5, 1998

Thursday, April 2

12:30-2:20 p.m.
Habersham

Discussion Session (Th01)
Shedding further light on the NICHD study of early child care: The Israeli case
Chair: Abraham Sagi
Participants: Motti Gini, Tirtsa Joels, Nina Koren-Karie, Abraham Sagi, Yair Zivo

12:30-2:20 p.m.
Atlanta

Symposium (Th02)
Micro premies: What we know today
Chair: Molly Nozyce
Survival of infants with birth weight less than 501 grams, Charles E. Mercier
Neurofunctional development of the micro premie, Bernard Z. Karmel, Judith M. Gardner, Ananthan Harin, Anthony Barone
Pain responses of <1000 gram newborn infants and their relationship to temperament at six months, Fran L. Porter, Joan Luby, Cynthia Wolf, Rhonda Ferrell, Justine A. Wayne, J. Philip Miller
The neurodevelopmental course of micro premies during the first two years, Debra Fagan, Molly Nozyce, Mara J. Hoberman, Lawrence M. Noble, Ivan L. Hand
Discussant: Cecilia McCartney

12:30-2:20 p.m.
Sherwood

Symposium (Th03)
Gestures, communication and early language
Chair: Ross A. Flom
Perceiving eye-to-eye: Caregiver gestures cultivate the lexical development of Latino and Euro-American infants, Patricia R. Zukow-Goldring
An ecological approach to joint attention and early language, Ross A. Flom, Rachel C. Burmeister, Anne D. Pick
Symbolic gestures in the service of infant-initiated “joint attention”, Linda Acredolo, Susan Goodwyn
The gestural communication of apes and human infants, Michael Tomasello
Discussant: Susan Goldin-Meadow
Symposium (Th04)
Perception-action coupling in infancy: What is the information used?
Chair: Geert J. P. Savelbergh
What information drives smooth pursuit in young infants, Claes von Hofsten
Information for infant catching, Geert J. P. Savelbergh, J. van der Kamp
Strategies in the visual control of posture by infants, James L. Rose, Bennett I. Bertenthal
Perception-action coupling and the development of walking, Jane E. Clark, J. A. Barela, F. Jeka
Discussant: Jeffrey J. Lockman

Symposium (Th05)
Biological and maternal influences on infant development in primates
Chair: Dario Maestripieri
Sexual differentiation in Rhesus monkey infants: The role of prenatal androgen exposure and postnatal experience, Kim Wallen
The ontogeny of pigtail monkey (Macaca nemestrina) recruitment screams, Harold Gouzoules, Sally Gouzoules
Determinants of infant abuse and neglect in monkeys, Dario Maestripieri
Maternal influences on the development of hand preference in infant chimpanzees, William D. Hopkins
Discussant: Kelly A. Carroll

Symposium (Th06)
The nature of reinforcement in infant learning
Chair: Jacob L. Gewirtz
Theory building, hypothesis testing, and the nature of reinforcement in newborn learning, T. G. R. Bower
Assessing social and nonsocial reinforcers: Contributions of contemporary conditioning studies with infants, Martha Peláez-Nogueras
The efficacy of contingent attention and of other social stimuli as reinforcers of diverse infant responses in operant learning, Jacob L. Gewirtz
Discussant: Carolyn Rovee-Collier

Poster Session
Reactions to a Still Face (Th07)
B01 Still-face phenomenon as social cognition by 7 and 10-month-olds, Tricia Striano, Philippe Rochat
B02 Infant affective responses in the still-face at 6 months predict maternal ratings of 18 month behaviors, Ginger Moore, Jeffrey F. Cohn, Susan B. Campbell
B03 Infant response to parental gaze direction during face-to-face/ still-face paradigms, Christine E. Fullmer, Daniel S. Messinger
B04  Face-to-face interaction between preterm infants and mothers: Use of the still-face procedure, Regina M. Casson, Tao Yin
B05  Determinants of the still-face phenomenon by 2- to 6-month-olds, Lynda Reyes, Tricia Striano, Philippe Rochat

The Emerging Self (Th08)
B06  Exploration of self-agency by newborns and 2-month-olds, Tricia Striano, Philippe Rochat
B07  Early grammatical development and the emergence of self, Jessica A. Seiden, Moshe Anisfeld
B08  Intermodal self-perception: Infants match their voices with their faces, Natasha del Pino, Lakshmi J. Gogate, Lorraine E. Bahrk
B09  The onset of self-recognition and the emergence of self-awareness, Douglas S. Ramsey, Michael Lewis

Gender Differences (Th09)
B11  Gender differences in neonatal temperament, Judith J. Lillie, Moshe Anisfeld
B12  The relationship between testosterone and visual attention in infancy: Gender differences in novelty discrimination, David P. Laplante, Daniel Pérusse, Richard E. Tremblay
B13  Gender and emotion in infancy: Direct observations and parental perceptions, Rosemarie DiBiasi, Courtney Varesehi, Jennifer Brunell
B14  "Boys don’t make breakfast!": Toddler’s differential memory for same-sex events, Maya G. Sen
B16  Gender-specific implications of shyness for development, Heather A. Henderson, Genevieve E. Erb, Nathan A. Fox
B17  Metaphorical gender knowledge in the second year of life, Julie A. Eichstedt, Lisa A. Serbin, Diane Poulton-Dubois
B18  Paternal sex-typing of newborns: Standardization of a rating scale, Rebecca T. Leeb, Gillian Rejkind
B19  Gender differences in synchrony, matching, and rate of repair in mother-infant interactions, M. Katherine Weinberg, Edward Z. Tronick, Jeffrey F. Cohn, Karen L. Olson

Maternal Depression (Th10)
B20  Microanalysis of mother-infant gaze and infant self-comforting behavior in dyads reporting high, mid-range, and low maternal depressive symptoms, Lisa D. Marquette, Elizabeth Helbraun, Beatrice Beebe, Joseph Jaffe
B22  Conflict and depression predict maternal sensitivity to infant cries, Wilberta L. Donovan, Lewis A. Leavitt, Reghan O. Walsh
B23  Severity and chronicity of maternal depressive symptoms during the first postpartum year, Marjorie M. Beeghly, M. Katherine Weinberg, Karen L. Olson, Henrietta Kernan, Edward Z. Tronick
B25  Depressive symptoms and parenting in foster, kin, and biological mothers caring for infants sero-positive for HIV, Margaret S. Miles, Diane H. Holditch-Davis
B26  Infant-directed speech, maternal depression, and infant learning, Anna L. Hoff, Peter Kaplan, Patricia J. Zarlango-Stroude, Jo-Anne Bachorowski
B27  Maternal depression and cognitive and behavioral development over the first 9 years of life, Dieter Wolke, Sophie Kuertiens
B28  Postnatal maternal depression and patterns of infant attachment, Oriel Rosenblum, Gisele Donan, F. Mazet
B29  Process underlying cognitive and emotional development in infants of depressed mothers, Charlie Stanley, Lynne Murray
B30  The effect of maternal depression in the context of risk in a poor urban sample of mothers and their toddlers, Martina B. Albright, Mary C. O’Hearn, Odellia Browne, Catherine S. Tanis-LeMonda, Bernd P. Dreyer, Alan Mendelsohn
Depressed mothers’ interaction styles influence infants’ toy exploration and affect in a teaching situation, Sybil Hart, Tiffany M. Field, Nancy Aaron Jones, Brenda L. Lundy

EEG patterns and inhibition in infants of depressed mothers, Nancy Aaron Jones, Tiffany M. Field, Marisabel Davalos, Sybil Hart, Brenda L. Lundy

Cocaine-Exposed Infants (Th11)

Modeling neonatal head circumference percentile: Results from a prospective study examining effects of prenatal cocaine use, Cynthia W. Garvan, Fonda Davis Eyler, Marylou Behnke, Mike Conlon, Kathleen Wobie, John Marron

Neuropsychological functioning, psychological distress, and maternal infant interaction in cocaine using women, Sonia Minnes, Lynn T. Singer, Kathleen J. Farkas, Adela F. Kuc, Martin Manuel, Joanne Robinson, Kristen Weigand, Robert Arendt

Visual recognition memory and developmental outcomes of cocaine-exposed and non-exposed infants, Lynn T. Singer, Robert Arendt, Sonia Minnes, Ann E. Salvador, Joanne Robinson, Kristen Weigand

“Cocaine-exposed” children: Is the label itself a risk factor?, Lisa Maag, Fonda Davis Eyler, Nanci Stewart Woods, Marylou Behnke, Bridget Franks, Cynthia W. Garvan, Mike Conlon

Temperament and exploration in eight-month-old cocaine-exposed infants, Marla S. Zucker, Linda L. Lagasse, Rebecca VanVorst, Susan Brunner, Barry M. Lester

Posture and fine motor assessment of substance exposed infants at eight months, Rosemarie Bigsby, Jane Case-Smith, Barry M. Lester

Maternal cocaine and maternal sensitivity: 6-month outcome, Neena Roumell, Diane E. Wille

Longitudinal investigation of motor skills in infants and toddlers prenatally exposed to cocaine, Rebecca R. Feewell, Angelika Hartl Claussen, Keith G. Scott

Self-recognition at 18 months as a function of prenatal cocaine exposure, Margaret I. Bendersky, Michael Lewis

12:30-2:20 p.m.
Georgia

Poster Session

Learning and Reinforcement (Th12)

Effects of demonstrations of continuous or partial reinforcement on performance of 6- and 12-month olds, Catherine G. Weir, Rose Ann King, Cynthia Toland

Contingency learning and heart rate changes in well and risk infants, W. Stuart Millar, Catherine G. Weir

Infant learning and generalized expectancies, Margaret W. Sullivan, Michael Lewis

Infant learning, emotion, and memory, Daniel F. A. Hitchcock, Michael Lewis

Delay classical eyelink conditioning in 4- and 5-month-old infants, Dragana Tokovich, Kimberly L. Collins, Norman A. Krasnegor, Mark E. Stanton, Carol O. Eckerman

The nature of attention and its reinforcer efficacy for infant behavior, Hiselgis Perez

Three-month-old infants can learn constrained motor solutions elicited by changes in environmental information, Rosa M. Angulo-Kinzler

Early experience and auditory learning: The role of sensory stimulation in bobwhite quail chicks’ preferences for maternal cues, Rebecca F. Columbus, Robert E. Lickliter

Studying Play (Th13)

Is there an optimal duration for observation of play?, Philip Roman Zelazo, Brian R. Rotsztain, Caroline A. Reid, Pal E. Carlin

Mother-infant social play related to infant language and play behaviors at 11 and 14 months, Lisa A. Newland, Lori A. Roggman, Lisa K. Boyce, Gina A. Cook

The relationship between choice co-construction and symbolic play in mother-child dyads, Lisa M. Noll, Carol G. Harding, Stephanie R. Stilson, Lenore R. Weissman

Mothers’ and infants’ solicitations of imitation during play, Elise Frank Masur
Crying: Pacifiers, Parents, and Excess (Th14)

G13 State organization in excessively crying infants, Amy L. Salisbury, Melissa Hunsley, Evelyn B. Thomann
G14 Temporal patterning and individual differences in excessively crying infants throughout the 24-hour day, Melissa Hunsley, Amy L. Salisbury, Evelyn B. Thomann
G15 Diary indices of pacifier use: Convergence with interview measures, Nicole Catinoiu, Ronald G. Barr, Liisa Lehtonen, Lea Wertheim, Fabien W. Barr, Simon N. Young
G16 Pacifier use in infants with and without colic: Is it really effective?, Liisa Lehtonen, Ronald G. Barr, Nicole Catinoiu, Lea Wertheim, Fabien W. Barr, Simon N. Young
G17 Maternal caregiving style and infant fussing and crying in a Danish community sample: Preliminary findings, Marissa Alvarez
G18 Parental ideas about infant crying: A grounded theory study, Ann D. Murray
G19 Effect of selected soothing techniques on parent-infant interaction and on infant crying, M. Ruth Elliott, Sandra M. Reilly
G20 The differential impact of infant cry and fuss behaviors on parental involvement and perceptions, Michael A. Bono, Cynthia A. Stifter
G21 Parent concerns about infant regulatory problems: Excessive crying, sleep problems, and feeding difficulties, Susan C. McDonough, Katherine Rosenbloom, Ellen Devoe, Sheila Cahagan, Arnold Sameroff

2:30-4:20 p.m.
Ballroom South

Debate (Th15)
Emotions: Intrapsychic phenomena or social signals?
Moderator: Lois Bloom
Participants: Joseph J. Campos vs. Carroll Izard & Brian Ackerman

2:30-4:20 p.m.
Habersham

Symposium (Th16)
Domains of change or continuity: Why is infancy so important?
Chair: Nathan A. Fox
Attachment and emotion, Michael Lewis
Stability and instability of infant temperament, Nathan A. Fox, Heather A. Henderson
Change and continuity in neurobiological development, Charles A. Nelson
Defining a “radical middle” in the study of cognitive development, Nora S. Newcombe
Discussant: Michael Tomasello

2:30-4:20 p.m.
Atlanta

Symposium (Th17)
Is infant numerical competence real or in the eye of the beholder?
Chair: Tony J. Simon
Further evidence for infants’ numerical competence, Gavin N. Huntley-Fenner, Fei Xu
Representation of number: How do data bear on the debate?, Susan Carey
Arguments against non-numerical accounts of infants’ numerical competence, Karen Wynn
A fully operationalized, demonstrably sufficient, non-numerical account of infant “numerical competence”, Tony J. Simon
Discussants: Rochel Gelman, Annette D. Karmiloff-Smith
Symposium (Th18)

Narrative analysis of early developmental processes

Chairs: Andrea P. F. Pantoja, G. Christina Nelson-Goens

Narrative analysis and the development of representational thought in toddlers, Linda L. Sperry, Douglas E. Sperry

Getting in touch with oneself: Narratives of infant self-reference in the first half year, Alan Fogel

The process of construction of narratives in mother-infant communication, Maria Lyra, Micheline Souza, Pompeia V. Lyra

Narratives and the development of early emotional life, Andrea P. F. Pantoja, G. Christina Nelson-Goens

Discussant: Andrew Lock

Symposium (Th19)

Progress in understanding the nature and outcome of persistent infant crying

Chairs: Ian St James-Roberts, Cynthia A. Stifter

Perceiving the causes of infant crying, Gwen E. Gustafson, James A. Green

What’s distinct about infants’ colic cries?, Ian St James-Roberts

The short and long term consequences of infant excessive crying: A case for differentiating perceptions of “colic” from more objectively-based assessments, Cynthia A. Stifter

Excessive crying in early infancy: Challenges and risks for the developing parent-infant relationships, Mechthild Papoušek, Nikolaus von Hofacker

Pathways to and from colic: Three complementary hypotheses, Ronald G. Barr, Liisa Lehtonen

Symposium (Th20)

Perceptually based approaches to understanding early categorization

Chair: Paul C. Quinn

Global before basic perceptual category representations in connectionist networks and 2-month-old infants, Paul C. Quinn, Mark H. Johnson

Formation of global versus differentiated categories by infants: Effects of between category contrast and age, Barbara A. Younger-Rossman, Dru D. Fearing

A connectionist model of early infant memory and categorization, Denis Mareschal, Robert M. French, Paul C. Quinn

Infants’ categorization at the superordinate and basic level: The taxonomic fallacy, David H. Rakison

Discussant: Linda B. Smith
Poster Session

Adults' Perception of Infants (Th21)

B01 Perception of infant expression in women with schizophrenia, Paula J. Pitterle, Joyce Hopkins, Jennifer S. Schnepp

B02 Maternal recognition of newborn features, Aine de Roíste, Gwynaeth Bonnet

B03 Predictors of maternal perceptions of infant behavior among mothers in poverty, Hannah W. Moore, Jennifer Goldman-Fraser, Beth Kurtz-Costes

B04 Mothers' views about children’s play and language activities: Relations to parenting behavior, Catherine S. Tamis-LeMonda, Mark Spellmann, Jacqueline Shannon

B05 Effects of eye size on adults’ aesthetic ratings of faces and 5-month-olds’ looking times, Sybil S. Geldart, Daphne Maurer

B06 The effects of adoption at infancy versus childhood on teachers' perceptions of children and their mothers, Sonya Organ Slater, Cynthia L. Crown, W. Michael Nelson III

B07 Maternal social cognition and object relations: Connection with perceptions of self and relationships with one’s child and family, Zeynep Biringen, Aaron Matheny, Inge Bretherton

Attachment Relationships (Th22)

B08 Attachment to mothers and fathers: Effects on infant-sibling relationships, Michelle P. Poris, Brenda L. Volling, Carla Herrera

B09 Attachment and sleep patterns in the first two years of life, Abraham Sagi, Emanuel Tirosh, Yair Zivo, Sarit Gutman, Peretz Laxie

B10 Mother-infant attachment security, mothers’ interactive style, and infants’ communicative, symbolic, and social-affective function, Melanie A. Barowick, Nancy J. Cohen

B11 Four-month mother-infant gaze contingencies predict one-year infant attachment, Limor Kaufman-Balamuth, Beatrice Beebe, Joseph Jaffe, Stanley Feldstein, Cynthia L. Crown

B12 Attachment and maternal responsivity: The context of infant affect and temperament, Lori A. Roggman, Vonda K. Jump, Lisa K. Boyce, Gina A. Cook

B13 Maternal responses to infant emotional expressions relate to infant attachment, Mirek Lojkasek, Nancy J. Cohen, Diana Durek, Hema Zbogar

B14 Interational origins of attachment: The role of context and frequency of observation in measuring maternal behavior, Russell A. Isabella

The Development of Infants with Medical Problems (Th23)

B15 Mastery motivation and functional abilities of infants and toddlers with myelomeningocele, Judy D. Morrow, Ruth Humphry, Rebecca E. Edmondson

B16 Plasticity in the development of ex-SCBU graduates: The Bavarian longitudinal study, Dieter Wolke, Renate Meyer, Joerg Schulz

B17 Attachment and maternal reaction to child diagnosis among toddlers with birth defects, Douglas Barnett, Christine M. Butler, John McCaskill, Kelli Hill Hunt, Melissa Kaplan-Estrin

B18 The development of lateralized functions in a sample of high-risk infants, Pamela Schuetze, Stacy MacKenzie, Rina D. Eiden

B19 Risk factors and otitis media in children: Results from the Third National Health and Nutrition Survey (NHANES III), Robert H. MacTurk, Howard J. Hoffman

B20 The cognitive development of full-term small-for-gestational-age (SGA) infants at 12 and 18 months of age, Leslie F. Halpern, Cynthia T. Garcia Coll, Karen Bendersky, Elaine C. Meyer

B21 Developmental outcomes in infants who have undergone surgery for their congenital heart defect, Cheryl L. Mroz, Rabi F. Sulayman, Alex J. Jaiwois, Katie Tubaszewski, Jennifer M. Rosinia

B22 Behavioral, affective, and attentional responses of developmentally delayed and nondelayed preschoolers to task difficulty, Cheryl-lynn Rogers, Philip Roman Zelazo, Morton J. Mendelson, Brian R. Rotshtein
Social cognition (Th24)
B23 The perception of social causality in 3- to 9-month-old infants, Rachel E. Morgan, Philippe Rochat
B24 Infants' use of emotional expressions to predict adults' actions, Heather L. Birks, Andrea S. Heberlein, Anne Fernald
B25 Do one-year-old infants represent human action as guided by perception?, Beate Sodian, Claudia Thoemer
B26 6-month-old infants dishabituate to a change in an object's actual position and not to a change in an object's egocentric position, Jordy Kaufman, Amy Needham
B28 Two-year-olds' sensitivity to the knowledge of others in interaction with naive and knowledgeable adults, Deanne W. Swan
B29 Two-year-olds' understanding of attentional focus and seeing-knowing, Paula Bennett, Diane Poulin-Dubois
B30 Relations between self regulation and social cognition in at-risk preschool children, Stephen J. Sheinkopf, Peter C. Mundy, Jessica Markus, Joycelyn Lee

Learning Words (Th25)
B31 Infant gaze direction during a novel labeling task, Marygrace E. Yale, Peter C. Mundy
B32 Word learning in the context of referential and salience cues, Christopher L. Moore
B34 Lexical acquisition: The role of cross-situational learning, Nameera Akhtar, Lisa Montague
B35 Learning words through eavesdropping, Nameera Akhtar, Jennifer L. Jipson, Maureen A. Callanan
B36 Breaking the word barrier: How infants learn their first words, George Hollich, Kathryn Hirsh-Pasek, Roberta M. Golinkoff, Rebecca Brand, Cindy Hankey, Camille Rocroi, Elizabeth Hennon
B37 Naming and exclamations: 17-month-olds' sensitivity to the pragmatics of naming contexts, Laura L. Nam
B38 Pragmatic contributions to lexical development, Pamela R. Rollins, Virginia A. Marchman
B41 Three-year-olds' acquisition of novel adjectives: Support from the basic-level kind, Raquel Stote Klbanoff, Sandra R. Waxman
B42 A longitudinal analysis of the role of stress and position in determining first words, Lawrence B. Lewis, Carol Antone, Jacqueline S. Johnson

2:30-4:20 p.m.
Georgia

Poster Session
Book Reading (Th26)
G01 Gestures and words in book reading situation: Conventionalization of referents and gesture-word combination, Toshiki Murase
G02 Maternal responses to children's labeling in joint picture-book reading situation, Toshiki Murase, Aki Mahieu, Tamiko Ogura, Yukie Yamashita, Philip S. Dale
G03 The development of narrative skills: The contributions of toddler and maternal language and symbolic play, Carol J. Andreassen, Linda R. Cote, Charles W. Rahn

Activity Level (Th27)
G05 Early behaviors in children later diagnosed with Attention Deficit Hyperactivity Disorder, Phyllis S. Ohr, Giovanna Pasquariello
G06 An individual growth curve analysis of activity level from infancy to 6 years, Darren W. Campbell, Kimberly J. Saudino, Warren O. Eaton, Nancy A. McKeen
G07 Maternal speech to toddlers as a function of the child's activity level, Danuta Bukatko, Joann P. Benigno
G08 Feeding method and motor activity in early infancy, John Worsobey
Early Expectations (Th28)

G09 Predictive head movements in 6-month old infants, Bert Jonsson, Claes von Hofsten
G10 Two-month-olds make predictive saccades: Evidence for early frontal lobe function, Elliott G. Smith, Richard L. Canfield
G11 Follow your head (and your heart?): Cardiac and motor indices of anticipation in 15-month-old infants in a two-alternative, cued location memory task, Elizabeth E. Garner, W. Keith Berg
G12 Stability and prediction of childhood RT and IQ from infancy, Nancy A. Raitano, Richard L. Canfield, Mandi Burnette, Elliott G. Smith
G14 Infants' sensitivity to temporal parameters of the Visual Expectation Paradigm, Tara S. Wass, April A. Lewis, Marshall M. Haith
G15 Infants form temporal visual expectations based on the average rate of information flow, Scott A. Adler, Marshall M. Haith
G16 Infant visual expectations for events' color content, Scott A. Adler
G17 Behavioral and cortical measures of infants' visual expectations, Naomi Wentworth, Marshall M. Haith, Rathe S. Karrer
G18 Infants predicting location of visual events: Rules or transitional probabilities, Katarzyna H. Chawarska, J. Steven Reznick

4:30-6:00 p.m
Ballroom South

Keynote Address (Th29)

If not buzzing confusion, then what?
Chair: Sue Savage-Rumbaugh
Speaker: Jerome S. Bruner

6:00-9:00 p.m
Crown Room

Opening Reception
The Crown Room is on the top floor of the Sheraton Colony Square hotel with views of Atlanta, including Piedmont Park and surrounding areas. A cash bar will be available. Hors d'oeuvres will be provided, compliments of Johnson & Johnson Consumer Companies, Inc.
Friday, April 3

8:30-10:20 a.m.
Ballroom South

Invited Address (Fr01)

Touch and touch therapies
Chair: Lewis A. Leavitt
Speaker: Tiffany M. Field

8:30-10:20 a.m.
Habersham

Discussion Session (Fr02)

Studying the role of fathers in the lives of low-income infants and toddlers
Chair: Kimberly Boller
Participants: Kimberly Boller, Natasha Cabrera, Martha Cox, Hiram E. Fitzgerald, Michael E. Lamb, Martha Moorehouse, Helen Raikes, Lori A. Roggman, Paul Spicer, Jean Ann Summers, Catherine S. Tamis-LeMonda, Melvin N. Wilson

8:30-10:20 a.m.
Roswell

Discussion Session (Fr03)

Social and ecological validity: Conceptional and methodological issues in infant research
Chair: Wendy E. Roth
Participants: T. G. R. Bower, Jacob L. Gewirtz, Sybil Hart, Wendy E. Roth

8:30-10:20 a.m.
Atlanta

Symposium (Fr04)

Infants’ object manipulations: What do they tell us about infants’ object knowledge?
Chair: Susan J. Hespos

Infants incorporate their knowledge about support relationships when retrieving objects: On versus against, Susan J. Hespos

Using young infants’ tendency to reach for object boundaries to explore perception of connectedness: Rectangles, ovals, and faces, Peter M. Vishton, Sara N. Stulac, Eliza K. Calhoun

Effects of perceived display composition on infants’ actions on objects, Amy Needham

Why babies don’t reach the way they look, Neil E. Berthier, Rachel K. Clifton, Bennett I. Bertenthal

Discussant: Jeffrey J. Lockman
Symposium (Fr05)
Re-searching infant perseveration: Brains, dynamics, problems, and simulations
Chairs: Yuko Munakata, Andrea Aguiar
Perseverative errors in action and non-action tasks: Implications for a model of problem solving in infancy, Andrea Aguiar
A dynamic theory of perseverative errors: Distinctive targets, Frederick J. Diedrich, Tonia M. Highlands
Infant perseveration and implications for cognitive development: A neural network model of the A-not-B task, Yuko Munakata
A cognitive neuroscience perspective on children’s perseverative errors, Adele Diamond
Discussant: J. Steven Reznick

Symposium (Fr06)
New insights from twin studies on cognitive and emotional development
Chair: Claude L. Normand
Similarities and dissimilarities in the temperament of 5-month-old twins, Claude L. Normand, Daniel Pérusse, Richard E. Tremblay
Attention regulation and physiological arousability: Interindividual differences at 5-months, Anna Pecchinenda, David P. LaPlante, Michel Boivin, Daniel Pérusse
The growth of mental attentional capacity in infancy: Evaluating the genetic contribution, Raymond H. Baillargeon, Richard E. Tremblay, Daniel Pérusse
Infant visual habituation and parental psychopathology, David P. Laplante, Daniel Pérusse
Discussants: Lisanthia F. DiLalla, H. Hill Goldsmith

Symposium (Fr07)
The use of eye gaze and referential gestures by chimpanzees: The phylogeny of intentional communication
Chairs: Connie L. Russell, David A. Leavens
Joint attention in young chimpanzees: Foundations of intentional communication, Connie L. Russell
Integration of gesture and gaze orienting behavior throughout the lifespan of laboratory chimpanzees, David A. Leavens, William D. Hopkins
Indexical pointing in language-trained chimpanzees: Methodological issues and a comparison of rearing histories, Mark A. Krause
Discussants: Kim A. Bard, George Butterworth
Poster Session

Speech Perception (Fr08)

B01 Matching phonetic information in lips and voice by 4-month-old infants, Michelle L. Patterson, Janet F. Werker
B02 Young infants' perception of lexical and functional categories, Rushen Shi, Janet F. Werker, James L. Morgan
B03 Statistical learning of non-linguistic stimuli by 8-month-olds, Elizabeth K. Johnson, Jenny R. Saffran, Richard N. Aslin, Elissa L. Newport
B04 7.5-month-olds' segmentation of three-syllable words from fluent speech, Derek M. Houston, Lynn Santelmann, Peter Jusczyk
B05 Six-month-olds' memory for clausal units, Thierry Nazzi, Deborah G. Kemler Nelson, Peter Jusczyk, Ann Marie Jusczyk
B06 Infants can recognize words using partial phonetic information, Anne Fernald, John P. Pinto, Daniel Swingley, Amy Perfors, Kalee Magnani, Andrew Bradley
B07 What acoustic information supports infant perception of vowels in natural coarticulated syllables?, Ocko-Schwen Bohn, Linda Polka
B08 Long term auditory non-word priming in 2.5-year-old children, Caroline M. Hunt, Cynthia L. Fisher, Barbara Ann Church
B09 Effects of task difficulty on infants normalization of naturalistic speech, C. Nathan Marti
B11 The role of final position in infants' identification of words in speech, Marlena A. Creusere, Jane B. Childers, Catharine H. Echols
B12 Stimulus-alternation preference procedure to test infant speech discrimination, Catherine T. Best, Cathleen Jones

Language Comprehension (Fr09)

B13 Maternal bimodal communication style matches the infant's level of lexical comprehension, Lakshmi J. Gogate, Lorraine E. Bahrick, Jillayne Watson
B14 The effect of a supportive context on 15-month-old word comprehension: A partial knowledge perspective, Brenda K. Davidson, Chris W. Robinson, Wendelyn J. Shore, Peg Hull Smith
B16 Infants' responses to named and unnamed familiar objects, Ruth Timoff, Peter Jusczyk
B17 Some child-directed verbs are more equal than others in accounting for 13-month linguistic comprehension, Jennifer L. Myers, Wallace E. Dixon, Jr., Peg Hull Smith, Laura Hayden
B18 The interaction of animacy and syntax in sentences comprehension, Jane B. Childers

Attachment in Context (Fr10)

B19 The context of attachment security in family child care, James G. Elicker, Cheryl A. Fortner-Wood, Illene C. Nopppe
B20 Predicting infant-father attachment: Families in context, Suzanne A. Courtney, Julia M. Braungart-Rieker, Molly M. Garwood
B21 Stability, concordance, and correlations of attachment security for infants in child care centers, Illene C. Nopppe, James G. Elicker, Cheryl A. Fortner-Wood
B22 Social support of infants' parents and child care providers: Does it influence attachment security or adult involvement?, Cheryl A. Fortner-Wood, James G. Elicker, Illene C. Nopppe
B23 The relation between infant attachment quality and social competence at age three: Validation of the California Attachment Procedure, Virginia D. Allhusen, K. Alison Clarke-Stewart
B24 Mother-infant and father-infant attachment in dual-earner and single-earner families, Benjamin J. Gorvine, Brenda L. Volling
B25 Security of attachment, family-level dynamics, and toddler adaptation, James P. McHale, Allison Laurrent, Jean Talbot
B26 Examining teacher-child relationships: Children in foster care compared to children from similar economic backgrounds, Holli A. Tonyan, Carollee Howes
High Risk Infants (Fr11)

B27 Reflexes and motor functions in high risk infants at six months, Joan E. Beard, Irving J. Goodman, Michael J. Painter

B28 Prediction of reflex and motor functioning at six months from perinatal complications, Joan E. Beard, Irving J. Goodman, Michael J. Painter

B29 Behavioral and EEG measures of sleeping and waking in preterm infants, Diane H. Holditch-Davis, Mark Scher, Lloyd J. Edwards, Randall Rieger

B30 Theophylline and caffeine alter movement patterning and behavioral state in premature infants, Marie J. Hayes, Brian J. Piper, Jamie L. Cronin, Frederick Wirth

B31 Sex differences in asymmetries of high-risk premature infants, Mary P. Grattan, Michael N. Nelson, Rosemary C. White-Traut, Guoguang Gu, Susan Latteau

B32 Minor cranial ultrasound abnormalities at birth and their relationship to neurobehavioral outcome: A prospective, longitudinal study of high-risk newborns, Mary Lou Behnke, Fonda Davis Eyler, Cynthia W. Garvan, Kathleen Wobie, Mike Conlon, Nanci Stewart Woods, William Cumming

B33 Thyroid hormone deficiency in pregnancy and early life: Effects on attention, learning, and memory in infancy, Giuseppe Mirabella, Nancy J. Lobaugh, Sandra C. Newton, Denice S. Feig, Joanne Rovet

Fetal Responses (Fr12)

B35 Development of synchronous limb activity and motor set organization in the fetal rat, Maura H. Stansfield, Scott R. Robinson

B36 Maternal smoking during pregnancy disrupts rhythmic organization of fetal heart rate, Philip Sanford Zeskind, Jeannine L. Gingras

B37 A comparison of heart periods obtained by electrocardiogram and ultrasound for application in the 28-34 week old fetus, Charlene A. Krueger, Keita Ikeda, Diane H. Holditch-Davis, Stephen R. Quint

B38 The effects of maternal depression on fetal heart rate and fetal heart rate response to vibroacoustic stimulation, Lauren Allister, Yvonne Masadowski, Steve Carr, Lynne M. Andreozzi, Barry M. Lester

B40 Differential maturation of responses to airborne sound in high-risk human fetuses, Michelle L. Butt, Li-Hui Pang, Barbara S. Kisilevsky

B41 Vibroacoustic elicited fetal heart rate patterns in fetuses of diabetic women, Cynthia L. Allen, Barbara S. Kisilevsky

B42 Effect of vibroacoustic stimulation and airborne sound on fetal breathing from 32 weeks to term, Li-hui Pang, Fen Xu, Michelle L. Butt, Barbara S. Kisilevsky

9:00-10:50 a.m.
Georgia

Poster Session

Effects of Prenatal Drug Exposure (Fr13)

G01 Responsiveness to the audible and visible components of the human face in high-risk and cocaine exposed infants, David Lewkowicz, Judith M. Gardner, Bernard Z. Karmel

G02 Prenatal cocaine exposure, neonatal CNS injury, and pattern complexity: Effects at 4 and 7 months, Robert L. Freedland, Bernard Z. Karmel, Judith M. Gardner

G03 Effects of intrauterine cocaine exposure on mastery motivation, Peter M. Vietze, Ewa Koslowski, Bernard Z. Karmel, Judith M. Gardner

G04 Inhibitory control at 34 months of cocaine-exposed neonates, Ronny Geva, Judith M. Gardner, Bernard Z. Karmel

G05 Social development of children prenatally drug-exposed, Kristi Carter Guest, Rhonda C. Conoley, Fred J. Biasini

G06 Longitudinal cognitive development of children prenatally drug-exposed, Rhonda C. Conoley, Kristi Carter Guest, Fred J. Biasini

G07 Physical growth and neurobehavior in at-risk preterm neonates, Kimberly Andrews Espy, David J. Francis, Marilyn L. Riese
G08  Rearing environment and attention regulation in prenatally drug exposed infants, Valerie A. Ahl, Jennifer J. Omdoll

Culture and Ethnicity (Fr14)
G09  Play in two cultures: Universality of process, specificity of structure, Marc H. Bornstein, Oswald Maurice Haynes, Liliana Pascual, Kathleen M. Painter, Celia Galperin
G10  Infant’s attention and maternal activities: Changes over the first year in three dyadic contexts, Birgit Leyendecker
G11  Modeling the development of Kenyan infants, Alok Bhargava
G12  Infant irritability and maternal responsiveness in two low-income samplings, Elizabeth B. Owens, Daniel S. Shaw
G13  Emotional availability in 3 ethnic groups, Marcela C. Acevedo, JoAnn Robinson
G14  Cross-ethnic equivalence of maternal functioning, Ayelet Talmi, Marcela C. Acevedo, Lisa M. Pettit, David L. Olds
G15  The socialization of emotion by middle-class Anglo-Saxon mothers, Marcia Zumbahlen, Angela Koch, Caroline Pyevich
G16  Differences in spontaneous affective control among Chinese-American and Caucasian-American preschoolers, Patricia T. Garrett-Peters

Perceiving Objects (Fr15)
G17  Perceiving objects while on the move, Martha E. Arterberry
G18  Infants’ perception of solid objects, Kathryn S. Marks, Jeffrey T. Coldren
G19  Mechanisms of development in the perception of object unity, Denis Mareschal, Scott P. Johnson
G20  The role of good form in infants’ perception of object unity, Scott P. Johnson
G21  Perceptual completion and object segregation in infancy, Lincoln G. Craton, Christopher R. Poirier, Cristin A. Heagney

10:30-12:20 a.m.
Ballroom South

Debate (Fr16)
Lexical principles meet social-pragmatic factors: Is a marriage possible?
Moderator: Patricia J. Bauer
Participants: Roberta M. Golinkoff & Kathryn Hirsh-Pasek vs. Michael Tomasello & Nameera Akhtar

10:30-12:20 a.m.
Habersham

Discussion Session (Fr17)
Japanese psychology of socioemotional development: Search for uniquely Japanese roots
Chair: Joseph J. Campos
Participants: Joseph J. Campos, Linda Camras, Kazuo Miyake, Chen Shing-jen, Tatsuo Ujiie

10:30-12:20 a.m.
Atlanta

Symposium (Fr18)
Looking where and looking when: What visual measures can (and cannot) tell us about infant perception and cognition
Chair: Martha Ann Bell
Looking as a measure of perceptual preference in infants, Robin Panneton Cooper
Individual differences in infant looking: Old questions and new directions, Janet E. Frick
Do young infants represent occluded objects?, Richard S. Bogatz, Jeanne L. Shinskey
A looking version of the A-not-B task: Frontal EEG and infant cognitive functioning, Martha Ann Bell
Discussant: Susan A. Rose

10:30-12:20 a.m.
Sherwood

Symposium (Fr19)
Fathers, psychopathology, and environmental risk: Implications for infant development
Chair: Rina D. Eiden
What dads know about babies: Relations with attitudes, well-being, and social support, Lori A. Roggman, Lisa K. Boyce, Brad Benson
Father contributions to infant and family risk, Ronald Seifer, Susan Dickstein, Arnold Sameroff
Fathers and sons: Structuring autobiographical memory of alcohol careers during infancy and early childhood, Hiram E. Fitzgerald, Robert A. Zucker
Paternal alcoholism: Impact on family functioning and parent-infant interactions, Rina D. Eiden, Felipa Chavez, Kenneth Leonard
Discussant: Marguerite Stevenson Barratt

10:30-12:20 a.m.
Ansley

Symposium (Fr20)
Perspectives on adult-infant social engagements: Is social contingency really important to young infants?
Chair: Darwin W. Muir
Early development of social monitoring, Philippe Rochat, Tricia Striano
Social contingency and optimal social structures, Kyle L. Snow
Which components of adult stimulation drive young infants' social responses?, Barbara A. D'Entremont, Sylvia M. J. Hains, Laurence A. Symons, Darwin W. Muir
On relationships and relatedness: Wincott's Set Situation, Peter Hobson
Discussants: Darwin W. Muir, Jacqueline Nadel

10:30-12:20 a.m.
Marietta

Symposium (Fr21)
Fetal and neonatal mother-baby interactions
Chair: Vivette Glover
Depressed mothers and their newborns, Tiffany M. Field
Links between antenatal maternal anxiety and the fetus, Vivette Glover, Jeronima Teixeira, Rachel Gitau, Nicholas Fisk
Non-pharmacological reduction of hypercortisolaemia in preterm infants, Neena Modi, Vivette Glover
Disorders of mother-to-infant bonding, Channi Kumar, Emily Hughes, Maureen Mark
Symposium (Fr22)

Emotional development: Perspectives on the role of maternal perceptions of emotions and internal working models of attachment

Chair: Judy A. Ungerer

Attachment and expectant mothers' responses to infant emotion, Kirsten Blokland, Susan Goldberg

Adult attachment and maternal perceptions of toddler temperament and emotion, Emma K. Adam, Akiko Tanaka, Laurie Brodersen, Megan R. Gunnar

A longitudinal study of maternal perceptions of emotions and the development of attachment relationships in the first year, Judy A. Ungerer, Nicky Sygall

Discussants: Robert S. Marvin, Charles Zeanah

Poster Session

Long-Term Memory (Fr23)

B01 Young children’s use of photographs as reminders, Joanne L. Agayoff, Judith A. Hudson

B02 Infants' attentional preferences: Evidence of a long-term recognition memory, Mary L. Courage, Mark L. Howe, Leanne Fitzgerald

B03 Infants' long-term memory for arbitrary sight-sound pairings, Barbara Morrongiello, Naomi Lee

B04 An examination of child and parent individual differences as predictors of long-term memory in 2-year-olds, Michelle E. Boyer-Pennington

B05 Infant long-term retention of a visual discrimination, Marjorie Carroll, Jeffrey Fagen, Adriana Franco, Jennifer Byrnes

Parental Reports of Infants' Language (Fr24)

B06 Use of the short form of the Communicative Development Inventory with African American infants and families, Joanne E. Roberts, Margaret R. Burchinal, Susan Zeisel

B07 Assessing infant vocabulary development using a British CDI, Antonia F. Hamilton, Kim Plunkett, Graham Schafer

B08 Normative data for the short form versions of the MacArthur Communicative Development Inventories, Larry Fenson, Steve Pethick, Connie Renda, Philip S. Dale, J. Steven Reznick

B09 Language and gesture in lower income and middle class Spanish-speaking children: Can parental report be used?, Rosa Patricia Barcenas, Donna Jackson-Maldonado, Donna J. Thal

B10 Validity of a parent report instrument of language development for Spanish-speaking toddlers from two social classes, Donna J. Thal, Donna Jackson-Maldonado, Dora Acosta

B11 Prediction of language delay at 16 months of age using parent report, Donna J. Thal, Karen Swaine, Daniel Harrison, Georg Matt

B12 A parent report measure of language development for three-year-olds, Philip S. Dale, J. Steven Reznick, Donna J. Thal

Language Development (Fr25)

B13 Early language development and the emergence of phonemic awareness, M. Jeffrey Farrar, Lisa Maag

B14 Determining the basis of abstraction in artificial language acquisition, Rebecca L. Gomez, LouAnn Gerken

B15 Pragmatically natural assessment of novel and familiar nouns, Alison Hauser, Rosa I. Arriaga, Susan Carey

B16 Effects of practice on the naming errors children produce, Lisa Gershkoff-Stowe
B17 Mothers' labeling of novel and familiar objects during play: Implications for infants' development of lexical constraints, Elise Frank Masur
B18 What does that robot want from me? Young children's abilities to repair contingent queries, Suzanne N. Ferrier, Philip Dunham
B19 Relations between parental conversational intent and toddlers' linguistic style and conversational sophistication, Sarah B. P. Blackmore, Janet Strayer, Susan A. Graham
B20 The transition from affective to linguistic meaning, Margaret Friend, Lotte Korsholm, Helen Heyming
B21 Infant babbling in relation to ambient language, Daisy Edmondson
B22 Gestures, grunts, and other preliminaries in the transition to language, Lorraine McCune, Ann Greenwood, Wendy Jankowski
B23 The interplay of lexical, facial, and vocal affect during early language development, Julia M. Lacks, Ini C. Uzgiris

**Emotion Regulation (Fr26)**
B24 Talking about emotions during the toddler years and beyond: Mothers' and fathers' coaching of children's emotion understanding, Regina Kuersten-Hogan, James P. McHale
B25 Emotion expression and regulation of pleasure and fear in earlier- and later-talking toddlers, Lorraine F. Kubick, Robert N. Emde
B26 Parent-child talk about fearful events in the past: Possible links to early emotion regulation, Lorraine F. Kubick, Barbara A. Danis, Robert N. Emde
B27 Relations between language competence and emotion regulation in toddlers, Carolyn O. Kurowski, Jannette M. McKenney, Wendy S. Grobitz, Lisa J. Bridges
B28 Parents, infants and siblings: Emotion regulation in a triadic context, Alison L. Miller, Nancy L. Eltawn, Brenda L. Velling
B29 Emotion regulatory processes during the first year of life, Jody M. Ganiban
B30 The family context of toddler emotional regulation, M. Ann Easterbrooks, Jana H. Chaudhuri, Melissa J. Slaboda, Jasanna S. Poohack, Kristen Roboto, Carrie Morgan
B31 The socialization of toddler emotion regulation: Contributions of parents and day care teachers, Robin Hornick Parritz, Andrea M. Jara

**Effects of Early Child Care (Fr27)**
B32 Relating quality of center care to early cognitive and language development longitudinally, Margaret R. Burchinal, Joanne E. Roberts, Donna M. Bryant
B33 The association between time spent in daycare and infants' exploratory behaviors, Pamela Schuette, Deborah DiMartino, Audra Lewis
B34 Quality of care and infants' records of their experience in child-care, Miriam K. Rosenthal, Anat Geller
B35 Supporting the development of sensitive caregiving relationships for toddlers in child care, Susan L. Recchia, Yumiko Sekino
B36 Prediction of behavior problems in early adolescence from early experiences in child care, Carollee Howes

**Problematic Attachments (Fr28)**
B37 Interactivity, attachment, and perinatal vulnerability, Lenore R. Weissmann, Susan Kromelov, Carol G. Harding, Kerry Brown
B38 Relation between birth status and attachment security, Josée Laganière, Réjean Tessier, Line Nadeau, Christiane Piché
B39 Temperament, attachment, and heart rate variability: Comparisons of secure, avoidant, and disorganized infants, Margaret Fish, Stephen E. Fish
B40 Coercive attachment, marital distress, and ineffective parenting as predictors of disruptive behavior in preschool children, Crystal DeVito, Joyce Hopkins
B41 Outcomes of two infant-mother therapies: Association between attachment security and mother-infant play, Nancy J. Cohen, Mirek Lajkasek, Elisabeth Muir
B42 Attachment and feeding problems: Reexamination of non-organic failure to thrive and attachment security, Irene Chattoor, Jody M. Ganiban
Poster Session

Issues in Temperament (Fr29)


G02 A comparison of child temperament as a mediator in mother-toddler problem solving in a high-risk vs. community sample, Beverly I. Fagot, Katherine C. Pears

G03 Normative changes in mothers' ratings of infant temperament, Melinda B. Maher, Katherine H. Karraker

G04 The relation between developmental achievements and mothers' perceptions of infant temperament, Melinda B. Maher, Katherine H. Karraker

G05 The development of temperament in infancy: Continuity and change, Carmen Gonzalez, Jose A. Carranza, Manuel Atto

G06 Sociability and vocabulary size: A true relationship or an assessment issue?, Heidi K. Schwartz

G07 Temperament over time and tests: A case for continuity, Claire Novosad, Alissa Drasch, Evelyn B. Thoman

G08 Relationship between infant temperament characteristics and children's adaptation to formal schooling, Ramie Robeson Cooney, Deborah L. Holmes

G20 A multiple method approach to temperament from infancy to early childhood: Associations with parental involvement and marital quality, Jean L. McHale, Cynthia A. Frosch, Sarah C. Mangelsdorf

Listening to Music (Fr30)

G09 Infants prefer higher-pitched singing, Laurel J. Trainor, Christine A. Zacharias

G10 Changes between 6 and 8 months in the segmentation of tone patterns, Erika Nurmsoo, Laurel J. Trainor

G11 Mothers' singing to infants and preschool children, Tonya R. Bergeson, Sandra E. Trehub

G12 Developmental issues in melody discrimination, E. Glenn Schellenberg, Sandra E. Trehub

G18 The perception of emotion in music by eight-month-old infants, Suzanne E. Sullivan, Douglas A. Gentile, Anne D. Pick

Sleeping and Waking (Fr31)

G13 Development of behaviors on preterm infants: Relation to sleep-wake states, Debra H. Brandon, Diane H. Holditch-Davis, Michael Belyea

G14 Sleep-wake behavior and temperament as predictors of performance during a paired-comparison task, Donna Fisher-Thompson, Diane K. Rieger, Melissa R. Kreiger, Patricia A. Lynch, Gina Aguayo

G15 Maternal perception of night awakenings and infant self-soothing behavior during the first year of life, Erika E. Gaylor, Beth L. Goodlin-Jones, Melissa M. Burnham, Thomas F. Anders

G16 Night-to-night consistency of sleep variables over the first year: A preliminary analysis, Melissa M. Burnham, Thomas F. Anders, Erika E. Gaylor, Beth L. Goodlin-Jones

G17 Relation of infant waking behavior and mother-infant free play, Amy K. Morgan, Karen Throckmorton, Debra A. Harkins

Invited Address (Fr32)

The once and future infant

Chair: Rochel Gelman

Speaker: Jean Mandler
12:30-2:20 p.m.  
Sherwood

Discussion Session (Fr33)  
Integration of grant review from NIMH, NIAAA, and NIDA into the Center for Scientific Review (formerly, Div. of Research Grants) at NIH  
Chair: Anita Sostek

12:30-2:20 p.m.  
Ansley

Discussion Session (Fr34)  
Fetal behavior: Time to reflect and refocus for a challenging future  
Chair: Jean-Pierre Lecanuet  
Participants: Anthony J. DeCasper, Lawrence Devoe, William P. Fifer, Lynn Groome, Barbara S. Kisilevsky, Jean-Pierre Lecanuet, Robert E. Lickliter

12:30-2:20 p.m.  
Habersham

Symposium (Fr35)  
Effects of experience on perception  
Chair: Amy Needham  
Increasing specificity in the development of intermodal perception, Lorraine E. Bahrick  
Infants’ use of experience in object segregation, Amy Needham  
Representation expressed by action on unseen objects, Rachel K. Clifton  
Infants’ perception and representation of biological objects, Bennett I. Bertenthal, Xinzi Wu, Jeannine Pinto  
Discussant: Albert Yonas

12:30-2:20 p.m.  
Atlanta

Symposium (Fr36)  
Joint attention: New research on social, cognitive, and neurological processes in typical and atypical development  
Chair: Peter C. Mundy  
The relation of joint attention at 13 months to subsequent language, verbal IQ, and nonverbal IQ measures through middle childhood, Lars Smith, Stein Ulsvand  
Brain development and joint attention in 14- to 18-month-olds, Judith Card, Peter C. Mundy, Nathan A. Fox  
Joint attention as a predictor of language skills and peer engagement in children with autism, Marian D. Sigman  
Joint attention and behavioral outcome in cocaine exposed infants, Jennifer C. Willoughby, Peter C. Mundy  
Discussant: Lauren B. Adamson
Symposium (Fr37)
One language theory or two? Toward a unified theory of language development
Chair: Elena M. Nicoladis
Prosodic phonology in bilingual two year olds: One system or two?, Johanne Paradis
The interplay between language specific development and cross-linguistic influences: Evidence from the simultaneous acquisition of German and French, Susanne Döpke
Evidence for transfer in a French-Dutch bilingual child, Aafke Hulk, Elisabeth van der Linden
The development of word meaning: From monolingual to bilingual acquisition, Suzanne Quay
Discussants: Elizabeth Lanza, Rosemarie Tracy

1:00-2:50 p.m.
Poster Session
Ballroom North

Auditory Perception (Fr38)
B01 Perception of the pitch of the missing fundamental by 4-month-old infants, Marsha G. Clarkson, Christie R. Montgomery, Sheridan G. Miciek, Meredith E. Larson
B02 The effects of prior experience on auditory localization in infants, Amy L. Brown, Linda L. LaGasse, Lauren Schwartz, Rebecca VanVorst
B04 Mismatch negativity (MMN) as a measure of gap detection in 8-month-old infants and adults, Renée N. Desjardins, Laurel J. Trainor, Cindy Polak
B05 The psychometric function of infants detecting broadband noise, Lynne A. Werner, Julianne M. Siebens
B06 A longitudinal investigation of infant auditory sensitivity, Daniel H. Ashmead, Anne Marie Tharpe

Compliance and Negativity (Fr39)
B07 The relation between infants' capacity to regulate negative reactivity and later noncompliance, Tracy L. Spinrad
B08 Predicting early self-regulation from maternal and child characteristics, Anne E. Hungerford, Celia A. Brownell
B09 Negativism and ego-related behaviors among Japanese children, Tatsuo Ujiie
B10 Children's responsiveness to mother in imitation and compliance tasks: A link between two arenas of socialization, David R. Forman
B11 Transgression behavior and heart rate by temperament and birth order, Doreen Arcus, Christine Aftuck, Gail Agronick, Gail Andrick, Susannah Beals, Ruth Bell, Sherry Gardner, C. Edward Shackleford

Parental Practice and Policy (Fr40)
B12 When is maternal SES not really maternal SES?, Doreen Arcus
B14 Mothers' re-adjustment to work following the birth of a first child, Ruth Feldman, Roni Nadam
B15 Predictors of intervention success and failure in a preventive home visiting program, Jon Korfmancher
B16 Parental stress, psychosocial problems, and responsiveness in help-seeking parents with small (2-45 months old) children, Monica Ostberg
B17 The influence of child-centered perspectives with sensitive parenting and children's social responsiveness, Cynthia L. Miller-Loncar, Susan H. Landry, Karen E. Smith, Paul R. Swank
B18 Community-based family resource program model: A state-wide evaluation, Anne McDonald Culp, Rex E. Culp, Pam Marr, Tara S. Wells, Christina S. Howell

B19 The relationship between parents' expectations, beliefs, and behavior from pregnancy to four-months post-partum, Patricia Hrusa Williams

B20 Parents' explanations of their children's behaviors and their relation to parenting behaviors, Catherine Burns, Lynne Bond

B21 Parent-infant interaction and triadic family relationship, Kai von Klitzing, Heidi Simoni, Dieter Bürgin

Caring for High Risk Newborns (Fr41)

B22 Premature infant responses to taped maternal voice, Maryann Bozette

B23 A comparison of maternal verbal interaction with premature and term infants from birth to two months, Nadia Reissland

B24 The effect of premature infants' speech preferences on mother-preterm interaction, Alisa Nowak-Stern, Marsha G. Clarkson, Mary K. Morris, Roger Bakeman

B25 Self-regulatory mothering vs. nursery routine care postbirth: Effect on salivary cortisol and interactions with gender, feeding, and smoking, Gene Cranston Anderson, Charles E. Wood, Hui-Ping Chang

B26 Environmental intensity of the NICU based upon NIDCAP ratings, Jana L. Pressler, Joseph T. Hepworth, Nancy L. Wells, James M. Helm, William F. Walsh

B27 Psychosocial factors during late gestation and the early neonatal period predict child growth at 18 and 36 months, Cynthia Larkby, Nancy L. Day, Gale A. Richardson

B28 Perinatal factors associated with the need for assisted ventilation in neonates, Shyang-Yun Pamela K. Shiao

B29 Factors associated with frozen pulse oximeter readings, Shyang-Yun Pamela K. Shiao

B30 Kangaroo-mother care during phototherapy: Effect on bilirubin profile, Joan Swinth, Susan M. Ludington-Hoe

B31 Predictiveness of early patterns of maternal interactive behaviors on preschool outcomes, Karen E. Smith, Susan H. Landry, Cynthia L. Miller-Loncar, Paul R. Swank

B32 "Co-Naître": A home based intervention program for extremely premature infants and their mothers, Pascale Mercier, Stéphanie Larin, Réjean Tessier

Very Low Birth Weight Babies (Fr42)

B33 What matters most in born underweight or born too early?, Tina Gutbrod, Dieter Wolke

B34 Characterization of habituation in very low birth weight and full term infants, Jennifer J. Thomas, Hilary J. Leeners, Priya Khanra, April Ann Benasich

B35 The social behavior of extremely premature and VLBW children at 7 years old: A transactional model, Line Nadeau, Réjean Tessier, Josée Laganière, Francine Lefebvre, Philippe Robaey

B36 Supportive parenting strategies for facilitating the development of VLBW infants: A parenting intervention, Susan H. Landry, Karen E. Smith, Cynthia L. Miller-Loncar, Paul R. Swank

B37 VLBW infants, co-managed health care, and sampling procedures, C. J. R. Simons, M. Mandich, S. Ritchie, M. Mullett, M. Polak, S. Lynch

B38 Development at 8-12 months of an Alberta sample of preterm VLBW versus full term infants, Deborah Dewey, Dianne E. Creighton, Reg S. Sauve

B39 Follow-up of extremely low birthweight (ELBW) infants: Outcome at 8 to 12 Years, Catherine A. Vander Haar, Joseph A. Holahan, Lois J. Hochberg

B40 Self-regulatory behaviors and cardiorespiratory reactivity of very low birthweight preterm infants in the NICU, Rosemarie Bigsby, Barry M. Lester

B41 Vagal regulation in the prediction of outcome in low birthweight infants, Bonita D. McClennay, Jane A. Doussard-Roosevelt, Stephen W. Porges

B42 Neurophysiologic assessment of auditory brain maturation in extremely premature infants, Frank R. Mattia, Raye-Ann O. deRegnier
Poster Session

Toddler Topics (Fr43)

G01 Observations of conscience development in young children, Lisa R. Grinde, Barbara J. Myers

G02 Toddlers’ and mothers’ behaviors in an injury risk situation: Implications for sex differences in childhood injuries, Barbara Morrongiello, Dawn Guthrie, Tess Dowber

G03 Laboratory-based assessments of ego control during the toddler period, Aaron D. Krasnow, Regina Kuersten-Hogan, Allison Lauretti, James P. McHale

G04 Mothers of toddlers: Annoyances and difficulties, Claire B. Kopp, Donna Bean

G05 Influence of social interaction and duplicate objects on toddler conflict from ten to twenty-four months, Jeanne T. Korns

G06 Toddler play activities during small and large group play, Jeanne T. Korns

G07 Motor imitation in the second year of life, Cynthia D. Littleford, Wendy L. Stone

Stepping and Walking (Fr44)

G09 Development of the vestibulo-ocular responses in toddlers learning to walk, Annick Ledebt, Sylvette R. Wiener-Vacher

G10 Supported walking of children with periventricular leukomalacia, Magdalen S. M. Waardenburg, Renate Albers, Beatrix Vereijken, Geert J. P. Savelbergh

G11 The effect of mass perturbation on infant kicking during early development, Juliette Vaal, Kneel van Soest, Brian Hopkins

G12 Infant learning about balance control across changes in body posture, Karen E. Adolph, Anthony M. Avolio, Katherine E. Melton, Heather S. Arnet, Marion A. Eppler

G13 The nature of support in supported walking, Beatrix Vereijken, Renate Albers

G14 Treadmill stepping in preterm infants, Deborah Winders Davis, Beverly D. Ulrich, Shirley A. Wilkerson

G15 Qualitative description of changes in stepping patterns in infants born preterm, Carolyn B. Heriza, Ronda S. Baxter

G26 A longitudinal study of interlimb and intralimb coordination in fullterm and preterm infants, Jan P. Piek

Taste and Smell (Fr45)

G19 Responses of neonates to the odors of their mother’s breast and amniotic fluid, Richard H. Porter, Heili Varenda, Jan Winberg

G20 Infant facial expression in response to gustatory stimuli of different qualities and intensities, Rebecca Johnson, Gillian Harris

G21 Effects of exposure on taste preference development in infancy, Rebecca Johnson, Gillian Harris

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2:30-4:20 p.m.

Ballroom South

Presidential policy symposium (Fr46)

Infant research, public policy, and the media

Chair: Esther Thelen

Participants: Mark I. Applebaum, Sandra Blakeslee, Robert N. Emde, Megan R. Gunnar, Deborah Phillips, Esther Thelen, Barry Zuckerman
Discussion Session (Fr47)
Talk with Journal Editors
Chair: John Worobey
Participants: Marc H. Bornstein, James L. Dannemiller, Carol O. Eckerman, Hiram E. Fitzgerald, Carolyn Rovee-Collier, M. Suzanne Zeedyk, Philip D. Zelazo

Syposium (Fr48)
Cognitive approaches to the role of parental sensitivity in the development of attachment security
Chair: Peter Fonagy
Deciphering sensitive care: Mother-infant interactions across contexts, Judit Geroai, Júlia Frigyes, Krisztina Lakatos, Krisztina Ney, Ildikó Tóth
Mentalization as a core component of parental sensitivity, Peter Fonagy, Pasco Fearon, Miriam Steele, Howard Steele
Affect-mirroring as a mechanism of parental sensitivity, György Gergely, Orsolya Koós, Júlia Frigyes, Krisztina Lakatos, Krisztina Ney, Ildikó Tóth
Discussant: Edward Z. Tronick

Syposium (Fr49)
Thinking beyond the first step: Infants’ and toddlers’ problem solving strategy and choice
Chair: Robert Siegler
Infants’ and toddlers’ strategies for grasping and using tools, Michael McCarty, Rachel K. Clifton
Ready, set, goal: The effect of cues on generalization and problem solving in young children, Jennifer A. Schwade, Patricia J. Bauer
Development of means-end planning in the second year of life, Peter Willatts
Not beyond their grasp: Microgenetic analyses of infants’ strategy discovery and generalization, Zhe Chen, Robert Siegler
Discussant: Judy S. DeLoache

Syposium (Fr50)
The role of fathers in early affective development
Chair: Brenda L. Volling
Infant affect and affect-regulation during still-face with mothers and fathers: The role of infant characteristics and parental sensitivity, Julia M. Braungart-Rieker, Molly M. Garwood, Bruce P. Powers, Paul C. Notaro
Differences and similarities in maternal and paternal emotion socialization: Effects on infant affect and attention, Brenda L. Volling, Carla Herrera, Paul C. Notaro, Nancy L. McElwain
A longitudinal investigation of infant emotion regulation with mothers and fathers, Lisa J. Bridges, Wendy S. Grolnick
Fathers' and mothers' parenting during the first three years: Predictors and correlates, Sarah C. Mangelsdorf, Cynthia A. Frosch, Jean L. McHale
Discussant: Michael E. Lamb

2:30-4:20 p.m.
Marietta

Symposium (Fr51)
Infants and other "animals": The problematic study of subjectivity
Chair: Paul H. Morris
The importance of emotions and intersubjectivity in the development of communication in chimpanzees, Kim A. Bard
An intersubjective psychology for infancy?, Vasudevi Reddy
What is it like to be a pig in a small barren pen? The scientific study of subjective experience in farm animals, Françoise Wemelsfelder
Drawing the line: The differentiation of "human" and the "subhuman" in developmental and comparative psychology, Paul H. Morris, Alan Costall
Discussant: Alan Fogel

2:30-4:20 p.m.
Roswell

Symposium (Fr52)
Feeding disturbances in infancy: Physiology, parent-child relationships and diagnostic classification
Chair: Martin Maldonado-Durán
Diagnosis and treatment of infantile anorexia, Irene Chatoor
The physiology of feeding and its implication in the treatment of infant feeding disorders, Maria Ramsay, Vicki Veroff
A proposed diagnostic classification of feeding difficulties: How diagnosis informs treatment recommendations, Martin Maldonado-Durán, Richard Holigrocki, Christine Moody

4:30-6:00 p.m
Ballroom South

Keynote Address (Fr53)
Ontogeny and phylogeny revisited, or why the child is not the evolutionary father to the man
Chairs: Esther Thelen, Roger Bakeman
Speaker: Stephen Jay Gould

6:30-10:00 p.m.
Atlanta Botanical Garden.

Garden Party and Dinner Buffet
Tickets are limited and must be purchased in advance. Buses to and from the garden will be provided, although the athletically inclined may prefer to walk the 5 or so blocks. We thank Georgia State University for supporting the planning for this event.
Saturday, April 4

8:30-10:20 a.m.
Ballroom South

Invited Address (Sa01)
Mothers and infants: Suckling, opioids, analgesia, and the origins of mother love
Chair: Rachel K. Clifton
Speaker: Elliott Blass

8:30-10:20 a.m.
Habersham

Symposium (Sa02)
Emotional availability, attachment, and risk
Chair: Zeynep Biringen
Adapting the emotional availability scales for 4-month old infant-mother dyads: Associations with molecular coding and maternal psychopathology, Alice Carter, Christina B. Little, Frances Beth Garrity-Rokous
Infant-caregiver interactions in developing attachment relationships: Emotional availability in foster care dyads, Kathleen E. Albus, Mary Dozier
Atypical maternal behavior and infant attachment as predictors of emotional availability in middle school, M. Ann Easterbrooks, Gretchen Biesecker, Karlen Lyons-Ruth
"Apparent sensitivity": A methodological note and a proposed link with the C-attachment classification, Zeynep Biringen
Discussant: Robert N. Emde

8:30-10:20 a.m.
Atlanta

Symposium (Sa03)
Process and outcome of preterm baby care
Chair: Elvidina Nabuco Adamson-Macedo
Attitudes of the medical and nursing professions towards psychological interventions in the neonatal unit, Áine de Róiste
Sensitivity and susceptibility to deep or light touch?, Elvidina Nabuco Adamson-Macedo, Julie A. Hayes
Assessment of spontaneous general movements as a measure for brain maturation in preterm infants, Janet C. Constantinou, Elvidina Nabuco Adamson-Macedo, Majid Mirmira, B. F. Pleisher
Coactions between the physiological, behavioral, and immunologic systems of the ventilated preterm neonate, Julie A. Hayes, Elvidina Nabuco Adamson-Macedo
Discussants: Fairo Werner Jr., Peter Willatts
Symposium (Sa04)
Emergence of motor organization in the fetus and neonate: Congruent themes in human and animal models
Chair: Marie J. Hayes
Organizational principles in the prenatal development of motor behavior, Scott R. Robinson
Antenatal and neonatal development of motor organization, C. Robert Almli
The sleep/wake states as patterned motor behaviors, Evelyn B. Thoman
Noise in early behavioral organization, Steven S. Robertson
Discussants: Marie J. Hayes, Mark S. Blumberg

Symposium (Sa05)
Environmental influences on fearful behavior in infants
Chair: Jacob L. Gewirtz
Infants' approach and avoidance to strangers influenced by maternal contingencies, Kerrie Lum
Lock, Jacob L. Gewirtz, Martha Peláez-Nogueras
Environmental influences on fearfulness in young children, Patrice M. Miller
Determinants of fear-denoting protests in darkness and in illuminated settings, Aida I. Sanchez,
Jacob L. Gewirtz, Martha Peláez-Nogueras
Discussants: Lewis P. Lipsitt, Martha Peláez-Nogueras

Symposium (Sa06)
Emotion regulation in infants and young children: Contributions of parenting and temperament
Chairs: Marissa Diener, Tracy L. Spinrad
Reactions to frustration and novelty in infancy: Physiological and behavioral consistencies and inconsistencies, Samuel P. Putnam, Norman Turk, Cynthia A. Stifter
Mother-father differences and paternal correlates of infant emotion regulation, Marissa Diener,
Sarah C. Mangelsdorf, Jean L. McHale, Cynthia A. Frosch
Predicting individual differences in toddlers' behavioral control: Contributions of maternal responsivity and emotion regulation in infancy, Tracy L. Spinrad, Cynthia A. Stifter
Patterns of mother-child interaction in two-year-old children with externalizing-type behavior problems, Cynthia L. Smith, Laura E. Lomax, Susan D. Calkins
Discussant: Cynthia A. Stifter
8:30-10:20 a.m.  
Roswell

Symposium (Sa07)
Impact of parental drug use on behavioral regulation over the first 24 months of life
Chair: Claire D. Coles
Arousal and arousal modulation in 8-week-old infants as a function of gestational age and prenatal drug exposure, Kim A. Bard, Claire D. Coles, Kathleen A. Platzman, Mary E. Lynch
The behavioral regulation skills of 6- and 12-month-old infants exposed prenatally to cigarette smoke and/or alcohol, Julie A. Kable, Claire D. Coles, Arthur Falek
Attachment and empathy among infants of alcoholic parents, Rina D. Eiden, Kenneth Leonard
Regulatory dysfunction at 24 months in children of women using cocaine and other drugs, Kathleen A. Platzman, Claire D. Coles, Josephine V. Brown, Mary E. Lynch
Discussant: Philip Sanford Zeskind

9:00-10:50 a.m.  
Ballroom North

Poster Session
Spatial Matters (Sa08)
B01 Spatial memory in five-month-olds is more than categorical, Nora S. Newcombe, Janellen Huttenlocher, Amy Learmonth
B02 The role of visual and movement information in infant search, Mark A. Schmuckler, Hannah Y. Tsang
B03 The continuity as the basic infant representation space knowledge, Elena A. Sergienko
B04 Global influences on the development of spatial relation and natural object categorization: Evidence from preterm infants, Clay Mash, Paul C. Quinn, Velma Dobson, Dana B. Narter
B05 Relational use of landmarks by 9-month-old infants in a spatial orientation task, Adina R. Lew, Gavin Bremner
B06 Detour behavior and side preferences at ages 9 and 12 months, Marion A. Eppleler, Nicole L. Norfleet, Kotoe Bruce, Jeff Wendl
B07 Categorical representation of specific versus abstract above and below spatial relations in 3- to 4-month-old infants, Paul C. Quinn, Jennifer L. Polly, Velma Dobson, Dana B. Narter

Speech to Infants (Sa09)
B08 The impact of maternal speech on children's linguistic development, Michelle Lee Morse, Deborah L. Holmes
B10 Analyzing adult time talk to infants and toddlers, Janette B. Benson, Ayelet Talmi, Marshall M. Haith
B11 Infants' categorization of infant-directed utterances produced by a single speaker, Ilse J. Wambacq, Melanie J. Spence, Virginia A. Marchman
B12 Acoustic differentiation of affective vocalizations to infants by mother and fathers, Gerald W. McRoberts, Malcolm Slaney
B13 The role of rate in directing attention to infant-directed speech: A replication, Jamie S. Cooper, Wendy L. Ostroff, Robin Panneton Cooper
B14 Maternal speech to 1- and 4-month-old infants: A content analysis, Pia Christina Strunk, Carrie Green, Robin Panneton Cooper
B15 Six-month-olds' discrimination in infant-directed speech, Heather M. Theaux, Jason S. McCartney, Kerrie Alexander, Robin Panneton Cooper
B16 ID pitch contours are not sufficient to elicit preferences in 4-month-olds, Jason S. McCartney, Heather M. Theaux, Kerrie Alexander, Robin Panneton Cooper
Expression of Emotion (Sa10)
B17 EEG patterns during different emotions, Nancy Aaron Jones, Tiffany M. Field, Marisabel Davalos, Carlos J. Gomez
B18 The development of negative emotions in early infancy, Louise Cossette
B19 Neonatal smiles, Daniel S. Messinger, Marco Dondi, G. Christina Nelson-Goens, Alessia Beghi, Alan Fogel, Francesca Simion
B20 Infant expressiveness: The influences of infant affective stability, maternal mood, and maternal affective behavior, Erika E. Forbes, Adena J. Zlochower, Jeffrey F. Cohn
B22 Toddler smiling in the context of mother-child water play, G. Christina Nelson-Goens, Karen DeBirk
B23 Characteristics of infant laughter during the first six months of life, Hui-Chin Hsu, Evangeline E. Nuokah, Alan Fogel
B24 The development of positive affect from 8 to 23 months, Katherine C. Coy

Autism and Joint Attention (Sa11)
B25 Effect of treatment on play in intact and impaired processors, Philip Roman Zelazo, Richard B. Kearsley, Anna K. Kruzynski, Caroline A. Reid
B26 The relationship between joint attention and symbolic play in autism, Mary M. Crowson, Peter C. Murray, Joycelyn Lee, A. Rebecca Neal
B27 Early identification of autism in 8-10 month old infants using home video tapes, Emily C. Brown, Geraldine Dawson, Julie Osterling, Nuhad Dinno
B28 Infant precursors of theory of mind abilities in autism and developmental disabilities, Norman H. Kim, Marian D. Sigman
B29 Stability of joint attention skills in children with autism, Cynthia D. Littleford, Marian D. Sigman, Donna W. Lai
B30 Autism and resisting joint attention, Lauren B. Adamson, Duncan McArthur, Yana Markov, Barbara Dunbar

Atypical Communication (Sa12)
B31 Comprehension profiles of toddlers with severe spoken communication impairments, Rose A. Sevcik, Mary Ann Romski, Lauren B. Adamson
B32 Gestural imitation and contingent parent responses in nonspeaking children with physical impairments, Cynthia J. Cress, Teresa A. Andrews, Collin D. Reynolds
B33 Communicative gesture use by preschoolers with Williams syndrome: A longitudinal analysis, Jacquelyn Bertrand, Carolyn B. Mervis, Ioy Neustat
B34 The shape of expressive vocabulary growth in children with Williams syndrome, Byron F. Robinson, Carolyn B. Mervis
B35 Attention to faces in infancy: Comparison of an infant with Williams syndrome to typically developing infants, Carolyn B. Mervis, Bonita P. Klein, Jacquelyn Bertrand, Susanna Kutiny, L. Gregory Applebaum
B36 Maternal interpretation during social interaction with infants having Down syndrome, Samea M. Baird, Rebecca Ingram, JoEllyn Peterson
B37 Effects of didactic strategies on symbolic behavior in infants with and without Down syndrome, Maria Legerste, Yolanda van Beek, Jean Varghese
B38 Conversational interactions between blind infants and mothers, Gina Conti-Ramsden, Miguel Perez-Pereira
B41 Verbal and nonverbal communication skills in infants with late onset of canonical syllables, A. Rebecca Neal, Peter C. Murray, D. Kimbrough Oller, Rebecca E. Ellers
B42 Prelinguistics communication in congenitally blind infants, Jana M. Iverson, Heather L. Tencer, Susan Goldin-Meadow

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Poster Session

Studies of Memory (Sa13)

G01 Retention of specific motor solutions in three month-olds using a constrained contingent reinforcement procedure, Christien L. Horn, Rosa M. Angulo-Kinzler, Esther Thelen
G02 Processing speed and working memory in infancy: Evidence from a dissociation in performance on the Visual Expectation Paradigm, Thomas M. Dougherty
G03 Maternal stylistic differences and 24-month-olds’ nonverbal memory performance: Effects at encoding, retrieval, or both?, Patricia L. Dropik, Rebecca A. Niedfeldt, Christine R. Leehey, Patricia J. Bauer
G04 Recycling event knowledge: Facilitating generalization in 30-month-olds, Patricia J. Bauer, Jennifer A. Schwade, Tara M. van Brederode
G05 Developmental changes in declarative memory, Jane Herbert, Harlene Hayne
G06 Bridging the gap: Adults’ language facilitates infants' memory, Jane Herbert, Harlene Hayne
G07 The influence of amount of stimulus experience on event-related potential measures of memory in 3-month-old infants, David G. Thomas, Margaret R. Letterman, Vickie M. Little, Rima G. Najm, Kyle Chambers
G08 Information overload: Effects of narration and temporal order on 20-month-olds’ recall, Elyssa Poggi Davis, Tiffany A. Weeden, Patricia J. Bauer
G11 Easy does it? The role of task difficulty and age in infants’ recall of events, Leslie J. Carver
G12 As time goes by: Forgetting and remembering in 9- and 10-month-olds, Leslie J. Carver
G20 Effects of visual and auditory distractors on infants’ short term spatial memory, Jana D. Axelrod, Elizabeth E. Garner, W. Keith Berg

Understanding Numbers (Sa14)

G13 Electrophysiological correlates of number discrimination in infants, Rosa L. Arriaga, Kelly Snyder, Charles A. Nelson
G14 Infants’ understanding of 1+1: New evidence, Claudia Uller
G15 Large number discrimination in 6-month-old infants: Evidence for the accumulator model, Fei Xu, Elizabeth Spelke
G16 Numerical knowledge in infancy: The number/mass distinction, Lisa Feigenson, Elizabeth Spelke
G17 Infants’ understanding of quantity: “More” versus “less”, Lynne S. C. Tan

10:30-12:20 a.m.
Ballroom South

Debate (Sa15)

Do infants possess innate knowledge structures?

Moderator: Roberta M. Golinkoff
Participants: Renee Baillargeon vs. Linda B. Smith
Symposium (Sa16)
Methodological questions and answers in prenatal cocaine exposure:
Turning "junk" science into genuine science
Chair: Robert Arendt
Accuracy in detecting prenatal drug exposure, Robert Arendt, Lynn T. Singer, Sonia Minnes, Joanne Robinson, Ann E. Salvador
Examiner masking in research on the effects of prenatal cocaine exposure, Fonda Davis Eyler, MaryLou Behnke, Kathleen Wobie, Nanci Stewart Woods, Mike Conlon
Prenatal cocaine exposure: Controlling for covariates of use, Gale A. Richardson, Nancy L. Day
Sampling in research on prenatal cocaine exposure: Vexing problems and practical solutions, Heather Carmichael Olsen, Susan K. Toth
Discussants: Barry M. Lester, Lynn T. Singer

Symposium (Sa17)
Development of perception of emotional expressions: The influence of multimodal, familiar, and unfamiliar contexts
Chair: Arlene S. Walker-Andrews
The role of facial and vocal information in the discrimination of affect by 5-month-olds, Linnea Dickson, Marjorie A. Ryder
The influence of facial, vocal, and multimodal emotional signals of infant behavior, Donna L. Mumme, Anne Fernald
The perception of emotional expressions by 4-month-old infants: Familiarity effects, Ronit Kahana-Kaiman, Diane Montague
The specification of emotion in music and dance: Evidence for structural cues, R. Thomas Boone, Joseph G. Cunningham
Discussant: Darwin W. Muir

Symposium (Sa18)
Neural plasticity in infant cognitive, affective, and perceptual development
Chair: Louis A. Schmidt
Frontal lobe function and the A-not-B task: Evidence for neural plasticity in cognitive development during infancy, Martha Ann Bell
Plasticity in language and music acquisition in infancy, Laurel J. Trainor, Renée N. Desjardins
Neural plasticity and affective development in human infants, Louis A. Schmidt, Nathan A. Fox
Cardiac vagal regulation and neural plasticity, Jane A. Doussard-Roosevelt, Stephen W. Porges
Discussant: Daphne Maurer
Symposium (Sa19)
Feeding of high risk infants: Physiological chances and parenting behaviors
Chair: Margaret S. Miles
Maternal perception of parenting an infant who cannot eat: Infants with severe gastrointestinal disorders, Margaret S. Miles, Jennifer Daniels
Interactions between mothers and their premature infants during feeding and non-feeding periods, Dianne H. Holditch-Davis, Michael Belyea
Preterm infant physiological regulation during feeding: Dyad and feeding episode predictors of higher oxygen saturation, Suzanne M. Thoyre
Nutritive sucking and neurobehavioral development in VLBW infants from 34 weeks PCW to term, Barbara S. Medoff-Cooper, Jacqueline M. McGrath
Discussant: Josephine V. Brown

Symposium (Sa20)
Acquisition of early lexicon
Chair: Kim Plunkett
Learning prosody: Infants’ learning of two word stress rhythms, Todd M. Bailey, Kim Plunkett
What’s in a name? Preferential orienting by 17-month-olds to images whose names they comprehend, Graham Schaefer
When does an ostrich become a bird? The role of typicality in early word comprehension, Kerstin Meints, Paul L. Harris
Speech processing in very young children, Daniel Swingley
Discussant: Peter Jusczyk

Symposium (Sa21)
Parent and child influences on the development of self-regulation: Multiple perspectives, multiple pathways
Chair: Celia A. Brownell
Early development of self-regulation: Maternal and child contributions, Anne E. Hungerford, Celia A. Brownell
Self-regulation in toddlers: Construct validity and the impact of maternal behavior, Kristin N. Newby, Susan B. Campbell
Predicting emotion regulation from infancy to preschool-age: The influence of negative emotionality, marital relations, and parenting, Erin M. Ingoldsby, Daniel S. Shaw, Elizabeth B. Owens, Emily Winslow
Predicting emotion regulation during sibling conflict in childhood from infant difficulty and early marital conflict, Monica M. Garcia, Daniel S. Shaw, Elizabeth B. Owens, Kirsten Yaggi
Discussant: C. Cyubele Raver
Poster Session
The Emergence of Symbols (Sa22)
B01 Toddlers' understanding of the correspondence between television and reality, Kelly L. Schmitt
B02 The impact of iconicity on early understanding of graphic symbols, Tara C. Callaghan
B03 The emergence of early graphic symbol production, Tara C. Callaghan
B04 Infants' and toddlers' abilities to visually discriminate written words, Robert C. Titzer
B05 Infants' manual investigation of pictures as a function of exposure to the objects depicted, Sophia L. Pierroutsakos
B06 Young children's use of directly-experienced vs. symbol-mediated information, Georgene L. Troseth, Judy S. DeLoache

Infant Perception and Long-Term Memory (Sa23)
B07 Memory load effects on retention of list information at 6 months, Michelle Gulya, Becky Sweeney, Carolyn Rowe-Collier
B08 Reinstating infant memory using multiple reminders, Kristen Hartshorn, Carolyn Rowe-Collier
B10 How and when postevent information impairs memory for a prior event, Alba Rossi-George, Carolyn Rowe-Collier
B11 Priming memory at 9 months: The latency of retrieval, Karen Hildreth, Kristen Hartshorn, Carolyn Rowe-Collier
B12 Repeated reminders facilitate memory retrieval, Harlene Hayne, Karen Hildreth, Carolyn Rowe-Collier

Emotional and Behavioral Reactivity (Sa24)
B13 Effect of maternal soothing on infant stress reactivity, Douglas S. Ramsay, Michael Lewis
B14 Infants’ emotional reactivity and regulation in states of fatigue and wakefulness, Christine Nelson Ross, Katherine H. Karraker
B15 Reactivity to a looming stimulus: A twin study, Etienne Dubreuil, Bernard Boulerice, Daniel Pérusse, Robert O. Pihl
B16 Relationship between behavioral reactivity to novelty and cortisol activity in infancy, Nathalie Tremblay, Anna Pecchinenda, Michel Boivin, Valérie Saysset, Daniel Pérusse, Richard E. Tremblay

Developmental Risk (Sa25)
B17 Using home environment variables as predictors of resiliency in a sample of low-birthweight, Hispanic infants, Stacey I. Gould, Karen M. Finello
B18 Use of the performance qualifier scale with the Bayley Scales of Infant Development as outcome measures evaluating developmental risk factors, Ruth Rose-Jacobs, Howard H. Cabral, Marjorie M. Beeghly, Deborah A. Frank
B19 Environmental risk and developmental outcome at 8 months of age, Wanda F. Grant, Margaret I. Bendersky, Michael Lewis
B20 Validation of prenatal screening procedure for risk of child abuse, Lara M. Cady, Catherine Crain-Thoreson, Deborah Kirby Forgays, Ira Hyman
B21 Maternal childhood risk status as a predictor of emotional availability in mother-child interactions: An intergenerational study, Vivianne M. Bentley, Dale M. Stack, Lisa A. Serbin
B22 The relationship between determinations of clinical risk status and the quality of adolescent mother infant interactions, Holly E. Brophy-Herb, Alice Sterling Honig
B23 The Vulnerable Child Syndrome and maternal adjustment among mothers of high risk infants, Paula A. Scheye, Douglas M. Tetti, Jeanne H. Laliberte, Christine D. Reiner, Walter Meyer, Lynda Evans, Melissa A. O’Connell, Rose M. Viscardi
Mother-Infant Interaction (Sa26)

B25 Perspectives on the analysis of maternal vocal responsiveness, Marguerite Stevenson Barratt, Mary A. Roach
B26 Co-occurrence and sequential analyses of non-structured mother-infant interaction in 2- to 6-month-old infants, Thomas E. Hannan, Adriana Molitor
B27 Developmental changes in the configuration of infant communicative actions: Vocalization, gazing, and sucking, Hui-Chin Hsu, Alan Fogel, Daniel S. Messinger
B28 Developmental changes in early mother-infant face-to-face communication, Manuela Lavelli, Alan Fogel
B29 Frame analysis of real-time and developmental-time transitions in early mother-infant communication, Andrea P. F. Pantoya, Maria B. Cramor, Alan Fogel
B30 When infants gaze and mothers smile: Competing agenda?, Daniel S. Messinger, Alan Fogel, K. Laurie Dickson
B31 Rating interactional synchrony between seven month old infants and their mothers, Chinnon M. Jaquay, Chrysostomos A. Lazarou, Peg Hull Smith, Wallace E. Dixon, Jr., Frank J. Bernieri
B32 Mothers’ and infants’ use of touch during face-to-face play with and without objects, Karen A. Colbourne, Dale M. Stack, Vivanne M. Bentley, Marni C. Switkin
B34 Doula support: A risk free alternative for pain relief during labor, Susan K. McGrath, John H. Kennell, Vijay S. Varadarajulu
B35 The effect of doula support during labor on mother-infant interaction at 2 months, Scott Martin, Susan H. Landry, Laura M. Steetman, John H. Kennell, Susan K. McGrath
B36 Touch during mother-infant interactions, Emily L. Fergus, Jeffrey Pickens, Jennifer Schmidt

Habitation Tasks (Sa27)

B37 Do measures of infant habitation organization predict childhood vocabulary and IQ scores?, Peter Willatts, Stewart Forsyth, Mary Katherine DiModugno, Karen Rosie
B38 Visual scanning during the peak habitation trial: A further look at individual differences, Sharon J. Krinsky-McHale, Louise Hainline
B41 Measuring attention of 2-and 4-month-old infants during a habitation task, Donna Fisher-Thompson, Gina Aguayo, Patricia A. Lynch, Julie Peterson, Kelly Such
B42 The blasing nature of subject loss in an infant habitation task, J. Clare Bell, Alan Slater, Karen J. Thorpe

11:00-12:50 a.m.
Georgia

Poster Session

Deafness and Early Development (Sa28)

G01 Early sign language memories: The emergence of maternal style in a deaf dyad, Tiffany A. West, Patricia J. Bauer
G02 Self-recognition responses among deaf and hearing 18-month-old infants, Lynne S. Koester, Debaraa Sue Forest
G03 Word learning strategies of young deaf children, Amy R. Lederberg, Amy K. Prezhivodowski, Patricia E. Spencer
G04 Representational abilities in the second year of life and the hearing status of child/mother dyads, Marc H. Bornstein, Ann M. Selmi, Oswald Maurice Haynes, Kathleen M. Painter, Eric S. Marx
G05 Emotional availability and language gain in deaf/hard-of-hearing and hearing toddlers with hearing mothers, Leah J. Pressman, Sandra L. Pipp-Siegel, Christina Yoshinaga-Itano, Lorraine F. Kubicek, Robert N. Emde
G06 Early language and academic development in deaf children: Families with and without fathers, Sabina M. Low, Rosemary Calderon
G07 Characteristics of hearing families and their young hearing-impaired children: Early intervention through preschool, Rosemary Calderon, Jill Y. Bargones, Susan Sidman
Outcomes of early intervention for children with moderately-severe to profound hearing loss: Family, child, and program factors, Rosemary Calderon, Jill Y. Bargones, Susan Sidman

Motoric constraints link manual babbling and early signs, Adrianne Cheek, Kearsy Cormier, Christian Rathmann, Ann Repp, Richard P. Meier

Understanding Objects (Sa29)

The emergence of an ontological distinction in infancy, Rosemary A. Rosser, Rebecca Hill, Dana B. Narter

The origins of an intuitive biology in infancy, Rebecca Hill, Rosemary A. Rosser

Can 9-month-olds identify by shape? Patrice D. Tremoulet, Nancy Lee, Alan M. Leslie

Object identification by feature conjunction in 12-month-olds, Alan M. Leslie, Patrice D. Tremoulet, Kathleen Krauss, Nitin Mathur

Infants’ representation of collections: “Not an object” or “A non-object individual”? Wen-Chi Chiang, Karen Wynn

Limits to object knowledge in 8-month-olds, Karen Wynn, Wen-Chi Chiang

Handedness and haptic memory in 2- and 4-month-old infants, Myriam Lhote, Arlette Streri

Transfer of information about object shape between hands in 2- and 4-month-old infants, Arlette Streri, Christelle Lemoine, Agnès Bontemps

Ten-month-old infants’ recognition of objects in contexts, Christopher S. Monk, Trent N. Toepper, Charles A. Nelson

12:30-2:20 p.m.
Habersham

Discussion Session (Sa30)

We have never funded those who did not apply: Some obvious and less obvious secrets of grantmanship
Chair: Sarah L. Friedman
Participants: Joseph J. Campos, Sarah L. Friedman, Betsy Lozoff, Marshall M. Haith, Anita Sostek

12:30-2:20 p.m.
Ballroom South

Symposium (Sa31)

Effortful control and the development of self-regulation
Chair: Mary K. Rothbart

Concept and method in the study of effortful control, Mary K. Rothbart, Laura B. Jones

Focused attention in infancy and the development of effortful control: A longitudinal study from 8 to 22 months, Grazyna Kochanska, Kathleen T. Murray

The development of sustained attention: A longitudinal study from infancy to childhood, Carmen Gonzalez, Jose A. Carranza

Cognitive processes and effortful control, Claire B. Kopp

Discussant: Megan R. Gunnar

12:30-2:20 p.m.
Atlanta

Symposium (Sa32)

The two month revolution
Chair: Philippe Rochat

The newly objectified world of 2 month-olds, Philippe Rochat

Moving into the two-month revolution: An action-based account, Brian Hopkins
Reflections on N-shaped curves in early infancy: Regulated or re-organized development?, Ronald G. Barr
Behavioral changes around two months of age in a population of African hunter-gatherers, Melvin Konner

12:30-2:20 p.m.
Sherwood

Symposium (Sa33)
Early lexical development: From form to meaning
Chair: Catharine H. Echols
Early recognition of morphophonological alterations, James L. Morgan
Auditory implicit memory as a mechanism for lexical-phonological acquisition, Cynthia L. Fisher, Barbara Ann Church
The identification of words and their meanings in the transition into language, Catharine H. Echols
Babies' learning about words and non-word signals in a communicative context, Amanda L. Woodward
Discussant: William E. Merriman

12:30-2:20 p.m.
Ansley

Symposium (Sa34)
Development of visual pathways: What and where and more
Chair: Scott P. Johnson
Visual processing and action control in 6-month-olds: An HD-ERP Study, Gergely Csibra, Mark H. Johnson
The development and neural basis of representations for action, Rick O. Gilmore
A competition model of early exogenous orienting, James L. Dannemiller
Contributions from motion discrimination mechanisms to two-month olds’ perception of illusory contours, Scott P. Johnson
Discussant: Bennett I. Berentiall

12:30-2:20 p.m.
Marietta

Symposium (Sa35)
Prematurity and motor behavior
Chair: Eugene C. Goldfield
Dynamic organization of leg movements in VLBW infants, Linda Fetters, Johanna Jonsdottir, Edward Z. Tronick
Emergence of alternation patterns during nutritive sucking by full term and preterm infants, Eugene C. Goldfield
Motor responses of VLBW infants to caregiving: Effects of stimulus context, Patricia T. Becker, Jane E. Brazy, Patricia C. Grunwald
Discussant: Evelyn B. Thoman
Poster Session

Perceiving the World (Sa36)

B01  Eight-month-old infants' perception of possible and impossible events, Leslie B. Cohen, Cara H. Cashon
B02  Infants' perception of causal chains, Leslie B. Cohen, Leslie J. Rundell, Cara H. Cashon, Barbara A. Spellman
B03  Infants' perception of bouncing-ball collisions, Lisa M. Oakes, Kathleen N. Kannass
B04  The perception of the spatial structure of a cylinder in 5- and 8-month old human infants, Michael J. Karmé
B05  Infants' perception of textural changes induced by features and feature conjunctions, Evelin Bertin, Ramesh S. Bhatt
B06  Infants' perception of 3-D information in static images, Ramesh S. Bhatt, Jamie L. Gilbert, Laura L. Dutton, Susan E. Waters
B07  The detection of intermodal rate synchrony relations in 6- and 8-month-old infants, David Lewkowicz, Robert E. Lickliter
B08  Infants discriminate colors on the basis of perceptual distance, not category, Peter Gerhardstein, Peggy Renner, Carolyn Rovee-Collier

Contingencies (Sa37)

B09  3- to 5-month-olds prefer social contingency over eye contact, Lawrence A. Symons, Sylvia M. J. Hains, Lyana Sisca, Darwin W. Muir
B10  Perception of self-generated contingencies in normal and autistic children, Judit Magyar, György Gergely
B11  The role of infant-generated stimulus-contingencies in affect regulation and the development of attachment security, Orsolya Koós, György Gergely, Judit Geroai, Krisztina Ney, Idékó Tóth
B12  Infants' sensitivity to familiar contingencies in social interaction, Ann E. Bigelow
B13  Maternal contingency and the socialization of emotions in early infancy, Élène Létèville, Louise Cossette

Joint Attention (Sa38)

B14  Scaffolding in low-income mother-child dyads: Relations with joint attention and reciprocity, Jason T. Hustled, C. Cybele Raver
B15  Infants gaze following, joint attention, and vocabulary development, Pamela R. Rollins, Virginia A. Marchman, Jyotika Mehta
B16  Early gaze following, receptive language, and subsequent child-caregiver joint attention episodes, Jessica Markus, Michael Morales, Peter C. Mundy
B17  Nonverbal communication, joint attention, and attachment in infants at risk, Angelika Hartl Claussen, Peter C. Mundy, Jennifer C. Willoughby
B18  The strategic use of gaze to face in joint attention, Vasudev Reddy
B19  Joint attention and toddler characteristics: Race, sex, and socioeconomic status, Terrill F. Saxon, John T. Reilly
B20  Gaze following to moving and stationary targets at 3 and 6 months of age, Barbara A. D'Entremont

Early Attention (Sa39)

B23  The development of the ability to disengage gaze, Phillipa R. Butcher, Alex F. Kalverboer
B24  Intersensory redundancy guides infant attention, Lorraine E. Bahrnick, Robert E. Lickliter
B25  Individual differences in look duration, choice trial length, and paired-comparison task performance, John Colombo, W. Allen Richman, Julie E. Harlan, Janet E. Frick
B26  Individual differences in infants' recognition of briefly presented visual stimuli, Janet E. Frick, John E. Richards
B27 Adult’s eyes trigger shifts of visual attention in human infants, Bruce M. Hood, J. Douglas Willen, Jon Driver
B28 Peripheral stimulus localization during visual attention in 5-, 8-, 11-, and 14-week-old infants, Sharon K. Hunter, John E. Richards
B29 Theoretical implications of infant distractibility in selective attention, Jeffrey M. Lansink, John E. Richards
B30 Localizing the development of covert attention in infants using scalp event-related-potentials, John E. Richards

Infant Crying (Sa40)
B31 Physiologic regulatory problems during infancy, Katherine Rosenblum, Susan C. McDonough, Ellen Devoe, Sheila Cahagan, Arnold Sameroff
B32 Methodological issues in the acoustic analysis of infant crying, Michael P. Robb, Alexander M. Goberman, Anthony T. Cacace
B33 The infant cry: Facial, vocal, and body action in the perception of distress, Julia R. Irwin
B34 Fetal movement frequencies predict the amounts infants will cry, Ian St James-Roberts, Praveen Menon-Johansson
B35 “Newborns’ attention hypothesis” concerning a stimulus presentation during a stress situation, Kiyobumi Kawakami, Kiyoko Takat-Kawakami, Yukiko Shimizu, Takumi Yanaihara
B36 Effects of temporal variation in acoustics on adults’ proposed responses to infant crying, Rebecca M. Wood, Gwen E. Gustafson

Development of Reaching (Sa41)
B37 The effect of developing reaching skill on infant perseverative reaching errors, Melissa Wechsler Clearfield, Esther Thelen
B38 Object retrieval and interlimb coordination in infancy, Kathryn E. Gadacz, Daniela Corbetta
B39 The roles of recent reaching history and looking behavior in intercepting a moving object, Daniel J. Robin
B40 Evidence for the anticipation of material kind in infants’ reaching for objects and portions of sand, Gavin N. Huntley-Fenner, Donna Hanson
B41 Arm weight as possible control parameter in the development of prehension, Raymond H. Wimmers, Geert J. P. Savelbergh
B42 Reaching in the dark: Role of vision in selection of power and precision grips, George Butterworth, Lucy Farnsworth, Layla Esposito

1:00-2:50 p.m.
Georgi

Poster Session
Biological Bases of Behavior (Sa42)
G01 Event-related brain potentials depict delayed development of cerebral inhibition processes among infants with Down Syndrome, Jennifer Hill Karrer, Rathe S. Karrer
G02 The relationship of looking time and heart rate responses in four-month-olds, Gregory J. Austin, W. Keith Berg
G03 Time course of adrenocortical activity in mothers and young children, Mary J. Ward, Shelley Lee, Evelyn G. Lipper
G04 Physiological response to an emotional challenge is related to parental care received in juvenile Goeldi’s monkeys (Callimico Goeldii), Andrea Dettling, Chris R. Pryce, Robert D. Martin
G05 Visual activity in relation to head movement in infants with leukomalacia, Isabelle Carchon, Joëlle Provaisi
G06 Rhythmic synchronisation between 2- and 4-year-old children, Joëlle Provaisi
G07 Visual evoked potential measure of texture discrimination in infants: A longitudinal study, E. Eugenie Hartmann, Mary M. Conte, Keith P. Purpura
G08 Three- and six-month-old infants’ haptic processing and discrimination of texture, Mary Tsonis, Dale M. Stack
G09 The relationship between cardiac vagal tone at two and six weeks and state behavior at six weeks, Norman Turk
G10 EEG index of motor inhibition in 11-month-old infants, Tatiana A. Stroganova, Elena V. Orekhova, Irina N. Posikera
G19 Essential fatty acid formula supplementation and neuromotor capabilities in nursery-reared rhesus monkey neonates, Maribeth Champoux, Joseph R. Hibbels, Courtney Shannon, J. Dee Higley, Norman Salem, Jr., Stephen Suomi
G20 Orthostatic tilt at 5 months: A twin study on autonomic control, Etienne Dubreuil, Bernard Boulouresse, Daniel Perusse, Robert O. Pihl

Topics in Temperament (Sa43)

G11 Temperamental features of infants who suffered early visual deprivation, Marina Tsetline, Tatiana A. Stroganova
G12 Relations between state at 6 weeks and frustration reactivity at 5 and 10 months, Samuel P. Putnam, Norman Turk, Cynthia A. Stifter
G13 Mothers' and fathers' responsiveness to infant distress: Relations with perceived infant temperament and infant responsiveness, Mari Anne Paraskevas, Patricia Hrusa Williams
G14 Mothers' reports of the salience of infant personality traits, Katherine H. Karraker, Melinda B. Maher, Brady Reynolds
G15 Who's controlling whom?: Infant habituation rate and toddler temperament uniquely contribute to maternal play behavior, Wallace E. Dixon, Jr., Peg Hull Smith, Laura Hayden, Jennifer L. Myers, Kristen M. Bell
G16 Sociability and cognitive processing: Linkages between temperament, habituation, and sequential memory, Peg Hull Smith, Wallace E. Dixon, Jr., Chinnon M. Jaquay, Tim Loboschekski, Kristen M. Bell

3:00-4:20 p.m.
Ballroom South

ISIS Awards and Business Meeting (Sa44), including the 1998 ISIS Dissertation Award and Young Investigator's Award as well as special recognition to Carolyn Rovee-Collier for her contributions as editor of Infant Behavior and Development.

4:30-6:00 p.m.
Ballroom South

Presidential Address (Sa45)
Grounded in the world: Developmental origins of the embodied mind
Chair: Carolyn Rovee-Collier
Speaker: Esther Thelen

6:00-8:00 p.m.
Upper Lobby

Presidential Reception
Upper Lobby, Sheraton Colony Square Hotel. Light snacks will be provided. A cash bar will be available. We thank Indiana University for contributing to this event.
Discussion Session (Su01)

Sunday Morning Breakfast Discussion

Limited space available. Signup at the ICIS registration desk in the Sheraton Colony Square Hotel.

Ronald G. Barr, Crying and emotional development in infants: Is crying a sign, a signal, both or neither?

Gavin Bremner, Alternative conceptualisations of infant development: Direct realist, dynamical systems, and cognitivist approaches

Claire D. Coles, Primary versus secondary disabilities: Understanding development in infants of substance abusers

Carol O. Eckerman, Integrating human and non-human infancy research

Peter Hobson, Relationships in infancy: What are they?

Susan H. Landry & Karen E. Smith, Developmental frameworks for early parent-infant intervention research

Charles A. Nelson, Neuroimaing and electrophysiology in infant development

J. Steven Reznick, Sharing the fruits of our labors: How should we disseminate research findings to a broader audience?

Scania de Schoen, Functional cortical plasticity for cognitive competences in infancy: What do we hope, what do we believe, and what do we know?

Sandra E. Trehub, Songs as caregiving tools

Claes von Hofsten & Rachel K. Clifton, Aspects of infant reaching behavior

Tedra A. Walden, Daycare, Santa Claus, and grandma: Parents' strategies for controlling children's emotional reactions

Symposium (Su02)

Speech perception and word learning: New approaches

Chair: Janet F. Werker

Phonetic perception and word learning: Evidence for continuous and discontinuous changes, Janet F. Werker, Christine Stager, Judith Pegg

How infants begin to find and remember the sound patterns of words, Peter Jusczyk

Emerging understanding: Rapid gains in the speed and efficiency of word recognition by infants in the second year, Anne Fernald, Daniel Swingley, John P. Pinto

Discussant: Richard N. Aslin

10:00-11:50 a.m.
Habersham
Symposium (Su03)

Adult-infant interaction: Observations of everyday behavior in diverse cultural settings

Chairs: Axel Schölmerich, Michael E. Lamb

Comparing contrasting developmental niches: The impact of context and age on similarities and differences, Birgit Leyendecker

Analyzing the co-occurrence of mother-infant interactive behaviors at 3 months of age in middle and lower class Quebecois families, Réjean Tessier

Culture and early infancy among central African farmers, foragers, and Euro-Americans, Barry Hewlett

Sequential analysis using hierarchical log-linear modeling: Caretaker response to infant distress in different ecological niches, Axel Schölmerich, Holger Wessels

Discussant: Gilda Morelli

Symposium (Su04)

Developmental interplay between action and cognition in infancy

Chair: Daniela Corbetta

Moving thoughts: Theoretical considerations for action-cognition couplings during infancy, J. Paul Boudreau

Motor memory influences performance in the A-not-B task, Frederick J. Diedrich, Esther Thelen, Linda B. Smith

Why do infants regress to two-handed reaching at the end of the first year?, Daniela Corbetta

Step counter: Quantifying infants’ everyday walking experience, Karen E. Adolph, Anthony M. Avolio, Tracy M. Barrett, Priyadarshee Mathur, Anne M. Murray

Discussant: Claes Von Hofsten

Symposium (Su05)

Behavioral dysregulation in infancy: Crying, feeding, sleeping difficulties and the caretaking environment

Chair: Martín Maldonado-Durán

Does maternal depression influence feeding, sleeping, and crying patterns in healthy 2 month-old infants, Maria Ramsay, Érika Gisét, Jane McCusker, Francois Bellavance

Excessive infant crying and later behavior problems: Findings of the Bavarian longitudinal study (BLS), Dieter Wolke, Renate Meyer

Excessive crying, feeding, and sleeping problems: Commonalities among preverbal syndromes of behavioral dysregulation, Mechthild Papoušek

Excessive and persistent crying: Correlation with infant psychopathology and the caretaking environment, Martín Maldonado-Durán, Christine Moody, Richard Holigrocki
Symposium (Su06)
New directions in the microanalysis of parent-infant interaction
Chair: Marguerite Stevenson Barratt
Early parent-infant interaction as a co-regulated process, Marguerite Stevenson Barratt
The historical character of the social communication systems, Maria Lyra
Automated face coding: A computer-vision based method of facial expression analysis in parent-infant interaction, Adena J. Zlochower, Jeffrey F. Cohn, James Jenn-jier Lien, Takeo Kanade
Joint attention and attentional regulation at 6-months, Kyle L. Snow
Discussant: Alan Fogel

Poster Session
Understanding Intentions (Su07)
B01 The development of intentions: Understanding people and their actions, Maria Legerstee
B02 Twelve-month-olds can infer a goal for an incomplete action, Gergely Csibra, György Gergely, Margaret Brockmanck, Szilvia Bıró, Orsolya Koós
B03 Inferring the unseen goals of a non-human agent, Susan C. Johnson, Amy Booth, Kirsten O'Tearn
B04 Eye-gaze reveals another's attention and intention: A theoretical account of the ontogeny of eye-gaze use, Kang Lee, Lawrence A. Symons, Sylvia M. J. Hains, Darwin W. Muir
B05 Sex differences in parent perception of infant intentionality, Stephanie A. Aubry, Nicole E. Eldridge, J. Steven Reznick
B06 Parents can predict infant intentional behaviors, J. Steven Reznick, J. Josephine Fueser, Christine Fingado, Nicole Straight
B07 Infant comprehension of looking as intentional behavior, Rechele Brooks, Albert J. Caron, Samantha C. Butler

Cognitive Development (Su08)
B08 Infant behavior during impossible events without occlusion, Eric Peterson, Bruce M. Hood
B10 Understanding physical causality in infants and chimpanzees, Jennifer A. Warren, Michael Tomasello
B11 Infants' physical reasoning about containment and occlusion: A surprising decalage, Susan J. Hesper
B12 Infants' encoding of grasping by humans versus machines, Amanda L. Woodward
B13 Adaptability in infants' means/ends actions, Daniel D. McCall
B14 A new meta-analysis of the A-not-B error, Stuart Marcovitch, Philip D. Zelazo
B15 Gesture organization in an A-not-B situation with 6 to 11 month-old infants: Two pilot studies, Roger Lécuyer, Pilar Rincon, James Rivière
B16 Infant displacement and table displacement object search skills in infants 8 and 10 months of age, Jonathan E. Roberts, Martha Ann Bell, Sabrina Pope

Categorization and Reasoning (Su09)
B17 5-month-old infants distinguish between inert and self-moving inanimate objects, Lisa E. Kaufman
B18 9-month-old infants' reasoning about collision events: Should all objects be displaced when hit?, Lisa E. Kaufman
B19 Categorical explicitness in a sequential touching task, Amy K. Crigger, Lisa M. Oakes, Peter Thompson
B20 TouchStat: A Monte Carlo program for calculating sequential touching probabilities, Wallace E. Dixon, Jr., Mark L. Merry, Timothy Woodard

Infants’ categorization of men and women from motion-carried information, Ann E. Ellis

You’ve got to roll with it, baby: The effect of functional parts on infants’ categorization, David H. Rakison, Leslie B. Cohen

Mother-Infant Dyads (Su10)

Styles of interaction in low-income mother-infant dyads, Catherine S. Tamis-LeMonda, Mark Spellmann, Joanne I. Roberts, Svetlana Ustimenko, Poonam Ahuja

Maternal stress and mother-child interactions, Dayana P. Jimenez, Lisa Baumwell, Catherine S. Tamis-LeMonda

Visual and vocal behaviors of incarcerated mothers and their infants: A comparison with two groups of non-incarcerated mothers and infants, Esther M. Tesh, Diane H. Holditch-Davis, Catherine I. Fogel, Margaret S. Miles

Emotional and linguistic features of parent-child interaction: Associations with risk status and developmental outcome at 2 years, Ina F. Wallace, Lisa Seago

Co-regulated patterns of communication in mother-infant dyads: Contributions of mothers’ feelings of efficacy and infant temperament and vagal tone, Christin L. Porter, Adrienne E. Porter, Todd E. Christensen, Tennille Morgan

Her heart is in the right place: A mother with dextrocardia exhibits the left side cradling bias, Brenda K. Todd, George Butterworth

The role of maternal personality in the mother-infant teaching interaction, Joan T. Bihun, Danielle R. Straum, Marcie Pfeifer

The story of neonatal imitation: New facts and old conclusions, Mikael Heimann

Maternal input: Its role in infant gesture communication, Heather L. Tencer, Jana M. Iverson

Object Individuation (Su11)

Object individuation and event mapping: Infants’ use object features, Teresa G. Wilcox, Amy M. Putthoff

Object individuation and event mapping: Infants’ use of object speed, Amy M. Putthoff, Teresa G. Wilcox

Object color, function, and individuation in infancy, Catherine Chapa, Teresa G. Wilcox

Object individuation: Evidence from a new reaching time method, Meredith Prevor, Gretchen A. Van de Walle, Susan Carey

Reaching for objects in a box: Object individuation by 12-month-old infants, Claudia Uller, Alan M. Leslie, Susan Carey

The violation of expectancy method: When adults fail to see the trick, Susan Carey, Bryan Bergert

10:00-11:50 a.m.
Georgia

Poster Session

Words and Concepts (Su12)

Does the availability of verbal labels facilitate sorting behavior in 16- and 22-month-olds?, Henry N. Ricciuti, Anne E. Ricciuti, Marney Thomas

When all’s said and sorted: Vocabulary and categorization in 16- to 32-month-olds, Jennifer A. Schmoeke

New words for new things: The relationship between novel labels and twelve-month-olds’ categorization of novel objects, Anne L. Falkerson, Robert A. Haaf

Labeling may help infants construct kind concepts, Fei Xu

Novel nouns highlight basic over superordinate categories for 18-month-olds, Rachel K. Baker, Diane Poulin-Dubois, Susan A. Graham

Cognitive foundations of word learning, Kim Plunkett, Antonia F. Hamilton, Graham Schafer
Social Referencing (Su13)
G05 “I don’t care what you say, I am not touching that snake”: Biologically relevant fear and infant social referencing, Tedra A. Walden, Christine Passaretti
G06 Effect of contingent parental responsibility on infant behavior and affect, Kimberly L. Carpenter, Tedra A. Walden
G07 Gazing as a determinant of early social referencing, Hildie Cohen, Jane Yang, Tricia Striano, Philippe Rochat
G08 Infant social referencing: A meta-analytic review, Hilary B. Weininger, Moshe Anisfeld
G19 Navigating the ground ahead: Changes in social referencing in relation to development of crawling, Susan Pfister, Marion A. Eppler

Jealousy and Empathy (Su14)
G09 Is empathy an emotionally regulated response?, Kathryn L. Gill, Susan E. Dedmon, Amy L. Clark
G10 Jealousy in the first year: Evidence of early interpersonal awareness, Riccardo Draghi-Lorenz
G11 Mother–child relationship in infancy and children’s response to maternal distress at 22 months, Nicole M. Schall, Grazyna Kochanska
G12 Jealousy in infants: Measuring the social validity of laboratory research, Wendy E. Roth, Jacob L. Gewirtz, Christine Collado, Sandra Garcia
G18 Infant jealousy is predicted by depressed mothers’ interaction styles, Sybil Hart, Tiffany M. Field

Processing Faces (Su15)
G13 Priming for faces in infants and adults: Electrophysiological evidence, Sara J. Webb, Charles A. Nelson, Bonny Donzella
G14 Lack of preference for the paternal face in four-month-olds, Cynthia D. Ward, Paula M. Phillips, Robin Panneton Cooper
G15 The effect of early visual deprivation on the development of face processing, Sybil S. Geldard, Catherine J. Mondloch, Daphne Maurer, Scania de Schonen, Terri L. Lewis, Henry P. Brent
G16 Timing visual pursuit to investigate newborn interest in a face pattern, Megan A. Easterbrook, Diane Amendola
G17 Face perception in young infants, Terri L. Lewis, Catherine J. Mondloch, D. Robert Budreau, Daphne Maurer, James L. Dannemiller, Benjamin R. Stephens, Kathleen A. Kleiner
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