International Conference on Infant Studies
18-21 March 1982
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GENERAL INFORMATION

AIRPORT SHUTTLE:
Shuttle service is available to all hotels from airport.

REGISTRATION:
Registration will be held in the Sheraton Parlor B, C, and D on Thursday 10-7, Friday 9-9, and Saturday 9-12.

MEETING ROOMS:
The Brazos, Trinity, Nueces, Colorado, San Antonio, and Rio Grande Rooms are located in the Sheraton on the second floor. Meeting rooms at the Bradford Hotel include the ballroom, Bradford Austin, Bradford Conference room (located on the second floor) and Bradford room 303. We have made an attempt to schedule 5 simultaneous tracks with each track held in the same meeting room.

TRANSPORTATION BETWEEN HOTELS:
Hotels are located 6 short blocks apart. Shuttle transportation will be provided between the Sheraton and Bradford Hotels.

REFRESHMENTS:
Available during noon and 5 P.M. conversation hours.

DIINERS:
Topical dinners will be held Friday 6-10 P.M. Tickets cost $14. Riverboat trip (cocktails, barbecue, and Dixieland jazz) will be held Saturday 6-10 P.M. Tickets cost $25 and are available at registration desk. Buses for riverboat ride will depart between 6:00 and 6:30 PM from the Bradford Hotel.

NO-HOST COCKTAILS:
No-host cocktails will be sold on Thursday and Friday evening 7-8 PM.

BUSINESS MEETING:
The business meeting will be held Sunday 1-2 PM.

BABYSITTING:
For baby-sitting arrangements, please consult the registration desk.

CONFERENCE ABSTRACTS/BOOK EXHIBITS:
These will be available in the Sheraton In Parlor B, C, and D.

The program committee would like to thank the many researchers and professionals who submitted abstracts. We received approximately 430 papers. Due to program constraints we were able to include only 282 papers. All abstracts were reviewed "blindly" by at least 3 reviewers, and their reviews determined what was included in the program.

The goal of the third International Conference on Infant Studies, like the first two, is to provide a forum to present ideas and an opportunity to interact with other professionals who study or work with infants. We hope this goal will be realized. Thank you.
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Program Committee
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PSYCHOPHYSIOLOGY REVIEW PANEL
Joseph Campos - Chair
Marc Provost
David Shucard
David Thomas

SOCIAL REVIEW PANEL
Jeanne Brooks-Gunn - Chair
Alan Fogel - Chair
Heldi Als
Roger Bakeman
Phyllis Berman
Joseph Campos
Dante Cicchetti
Allison Clarke-Stewart
Virginia Demos
Shirley Feldman
Claire Kopp
Michael Lamb
Ted Mueller
Craig Ramey
Edward Tronick
Martha Zaslow

LOCAL ARRANGEMENTS COMMITTEE
Leslie B. Cohen - Chair
Martin Banks
Hill Goldsmith
Johanna Huggens
Judith Langlois
Phyllis Richards
Douglas Sawin
Lorraine Walker

ACKNOWLEDGEMENTS
We gratefully appreciate educational grants from The Harris Foundation, Johnson and Johnson, Ross Laboratories and the University of Texas Institute of Human Development and Family Studies.
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<td>Support systems for parents</td>
<td>Methods and issues of</td>
<td>Temperament</td>
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<td>with infants</td>
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<td>for handicapped</td>
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<td>Assessing</td>
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<td>normal and high-risk</td>
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<td>qualities of</td>
<td>Video-Attachment</td>
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<td>infants</td>
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<td>Neonatal environments</td>
<td>Mother-infant</td>
<td>Language Development</td>
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<td>interactions</td>
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**Thursday, March 18, 1981**

**Cocktail Hour - Brazos/Nueces/Colorado**

**Dinner on the Town**
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<th>Trinity (Social)</th>
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<tbody>
<tr>
<td>8-9:50</td>
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<tr>
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<td>Infant memory</td>
<td>Non-human primate models of basic processes</td>
<td>Familiarity effects on early interactions</td>
<td>Vocal and facial expressions</td>
<td>Basic processes and early assessment</td>
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<tr>
<td>10-11:50</td>
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<td>Research Reports</td>
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<td>Symposium</td>
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<td>Language and play behavior</td>
<td>Auditory perception</td>
<td>Developmental psychobiology</td>
<td>Psychobiology of effective development</td>
<td>Illness and prematurity</td>
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<td>12-1:00</td>
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<td>Bradford Austin Conversation hour</td>
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<td>Bradford Austin Conversation hour</td>
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<td>Learning</td>
<td>Sensory psychophysics</td>
<td>Physiological measurement</td>
<td>Attachment</td>
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<td>Assessment of exploration, play and test-taking behavior</td>
<td>The study of eye movements</td>
<td>State and environmental transactions</td>
<td>Affect dynamics in early infancy</td>
<td>Preterm and fullterm mother-infant interaction</td>
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**Friday, March 19, 1982**

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<td>Baby talk, babbling</td>
<td>Developing visual system</td>
<td>New directions in the study of heart rate</td>
<td>Infant Social</td>
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<td>High-risk Infants</td>
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<td>Cross-cultural studies</td>
<td>Bradford Austin</td>
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<td>6:10 - 7</td>
<td>JEROME BRUNER - KEYNOTE ADDRESS - BRADFORD BALLROOM</td>
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<td>7:00-8:00</td>
<td>COCKTAILS - BRADFORD SECOND FLOOR LOUNGE AND BALLROOM</td>
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<td>Nueces/Colorado Dinner</td>
<td>Bradford Austin Dinner</td>
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<td>E. Gibson</td>
<td>T.G.R. Bower</td>
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<td>Visual Information processing</td>
<td>Psychophysiology of sensory processes</td>
<td>Family factors</td>
<td>Approaches to Measurement of early Interactions</td>
<td>Child Development Counselling in well child care</td>
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<td>Classification and discrimination</td>
<td>Toward an integrative theory of visual-spatial development</td>
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<td>Soceability among young peers</td>
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<td>Sequential analysis</td>
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<td>Communication, laterality and development</td>
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<td>Pattern &amp; Number Perception</td>
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<td>Infant Peer Interactions</td>
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<td>Neonatal behavior and later development</td>
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<td>Auditory/Speech perception</td>
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<td>Infant intervention and social policy</td>
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Thursday, 1-2:50
Brazos

Workshop: Support systems for parents with preterm infants: Insights from parents and professionals.
Chair: C.F. Zacharilah L. Boukydis
Research on support systems for parents in the neonatal period. C.F. Zachariash L. Boukydis
Issues in operating a preterm infants organization. Laurie Lowen.
Parent education and support in the community for parents of older children born prematurely, Stephanie Porter.
Project welcome: An innovative model of early intervention and parent education. Linda Slikerson.

Thursday, 1-2:50
Trinity

Workshop: Methods and issues of attachment.
Chair: Lois Byrd
Mother to infant attachment. Lois Byrd.
Infant to mother attachment. Everett Watters.
Father to infant attachment. James Byrd.
Infant-peer attachment. Dale Hay

Thursday, 1-2:50
Bradford Ballroom

Chair: Ronald Wilson
Neonatal assessment at hospital. Marilyn L. Riese.
Studies of cooperation and competition, 3-4 years. Adam P. Matheny, Jr.
New England Medical Center, Boston, MA. 02111

March 9th, 1989

Research Reports: Preclinical and Perinatal Influences on Development.

Thursday, 3:45 PM

Chair: Joseph Sullivan

1. Imaging and Fetal Controls: Integrating the Fetus and Neonate
- Joseph Sullivan, University of Vermont

2. Preclinical Influences on Maternal and Neonatal Health
- Joan Posner, Harvard Medical School

3. Perinatal Influences on Neurobehavioral Development
- Robert Jay, Michigan State University

Research Reports: Issues in Assessment of Normal and High-Risk Infants

Friday, 3:45 PM

Chair: Paula Malone

1. Social and Emotional Development: Designing and Implementing Environments for Infants with Special Needs
- Ruth Ollis, University of New Mexico
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Thursday, 3-4:50
Bradford Ballroom

Research reports: Infant crying.
Chair: Philip Sanford Zeskind

Cross-cultural perceptions of cries of infant at risk. Philip Sanford Zeskind.
Adults' perception of infant vocalizations. Y. Bryan, M. Taylor and P.
Seraganian.
Environmental factors in infant crying. Thomas S. Hyde, Grace Garcia, and E.
Eugenie Hartmann.
The effects of contact comfort on infants' modulation of responses to pain.
John Rieger, Judith Green, Joseph McLaughlin and Pamela Doxsey.
Maternal learned helplessness and response to Infant crying. W. L. Donovan.

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Thursday, 3-4:50
Bradford Austin

Research reports: Assessing qualities of mothers.
Chair: Gail Price

- Strategies of dyadic problem solving with infants in a simulated laboratory
  situation. Jaan Valsiner.
- Assessment of mother-infant interaction: Mutual adaptation in the first half-
- The relationship between maternal caregiving behavior and personality. Ellen
  Hock.
- Social ecology of infant development in Italy and America. Patrice M. Miller,
  Amy L. Richman, and Rebecca S. New.
Research reports: Infant memory

Chair: Rose Caron

A cross-sectional study of infant long-term memory. Tracy Sherman, and Gary M. Olson.


The effects of distributed training on learning and retention in infants. Barbara A. Morrongiello and Ellie Franklin.

Warm-up decrement and forgetting in three-month-olds. Jeffrey W. Fagen.

Infant sociability and the social options in cognitive test settings. Barbara L. Zimmerman and Gary M. Olson.

Symposium: Nonhuman primate models of basic processes in infancy.

Chair: Karyl B. Swartz

Development of vision in human and monkey infants. Ronald G. Boothe.

The Development of pattern recognition in pigtail macaque infants. Virginia M. Gunderson.

Comparative studies of social categorization in primate infants. Karyl B. Swartz

Asymmetry of vocal perception in infant baboons. Peter Pohl.

Discussant: Morton J. Mendelson

Research reports: Familiarity effects on early interactions.

Chair: Brian Vaughn


Infant temperament and social behavior. Saul Feinman.

Constructions of infant social behavior by mothers and researchers. Alan Hayes, Pat Gunn and Coralie Price.

Development of capacity to cope with brief parental separation at 18 months. Diane E. Wille, and Joseph L. Jacobson.


Mother-infant interaction: Perceptual and social reciprocity. Garnet L. Olson, Elana Skenazy.

Mother and infant vocalization: Mother-infant reciprocity. David R. Peterson, Elana Skenazy.

Gobl and Zwaard: Differential reactions of one-year-olds to discrete emotional expressions.

Research reports: Other processes and early assessment.

Chair: Michael Nelson

Right-left asymmetry of neurological functions in the newborn infant. G. Glusman.


Use of habituation to investigate concept acquisition in cerebral palsy infants. Susan C. Nelson, Robert T. Emde.

Research reports: Language and play behavior.

Chair: David De Mott


Early words in isolation children. Ann Bialow.

The development of early multiword speech. Cecilia Shafer.

Research reports: Cognitive development.

Chair: Jeanne Dueck

Mental test development and the early development of speech and language. Elana Skenazy.
Clark, D.E., Cornell University, 31
Clark, M.C., Florida International University, 17
Clifton, R., University of Massachusetts, 15
Cohen, L.B., University of Texas, Austin, 14, 26, 31
Cohen, S.E., University of California, Los Angeles, 16, 24
Coll, C.T.G., Brown University, 27
Collard, R., University of Massachusetts, Amherst, 31
Cooper, D.H., University of North Carolina, 27
Cornell, E.H., University of Alberta, 13, 31
Cowan, N., New York University, 15
Crawley, S.B., University of Chicago, 30
Crittenden, P.M., University of Virginia, 30
Crnic, K.A., University of Washington, 18
Crockenberg, S., University of California, Davis, 33
Culbertson, J.L., Vanderbilt University, 10
Curtis, L.E., University of Pittsburgh, 31
Cutler, C., Children’s Resident Treatment Center, Northwestern Hospital, Maine, 11
Cymbalista, D., New York University, 19
Dannemiller, J.L., University of Texas, 19
Dave, R., Upstate Medical Center, 18
Davidson, R., University of Southern California, 15
Davis, D.H., University of Connecticut, 31
Deane, K., State University of New York, 24
de Boysson-Bardies, B., Chargee de Recherche, France, 19
De Casper, A.J., University of North Carolina, 15, 27
Daddish, R.B., Northwestern Memorial Hospital, 26
DeFries, J.C., University of Colorado, 32
Demany, L., University of Denver, 15
Demos, E.V., Boston University School of Medicine, 18

Friday, 10-11:50
San Antonio/Rio Grande

Research reports: Auditory perception.
Chair: Sandra Trehub
Infant's perception of rhythmic invariants in melodic tone sequences. L. Demany,
G. S. Goodman and M.M. Halit.
Discrimination of pulse rate at 12 months. Mark B. Ferland and Morton J.
Hendelson.
Temporal properties of echoic storage in infancy. Nelson Cowan, Karen Suomi,
and Philip A. Morse.
Behavioral and cardiac orienting to sound in infants. Barbara A. Morrone, and Rachel Clifton.

Friday, 10-11:50
Nueces/Colorado

Research reports: Developmental psychobiology.
Chair: Carolyn Rovee-Collier
Newborn stepping: An explanation for a "disappearing reflex". Esther Thelen
and Donna Fisher.
Growth spurts in infancy: New evidence for biobehavioral shifts in development.
Michelle Lampi.
An evolutionary, functional perspective on newborn behavior. R. Woodson.
A sociobiology of human infancy. David Smillie.

Friday, 10-11:50
Trinity

Symposium: The psychobiology of affective development.
Chair: Nathan Fox
Heart rate variability, discrimination and imitation of facial expressions by
neonates. Tiffany Field.
The development of affect in hemispheric specialization. Richard Davidson.
Psychophysiology of parental perception of infant affect. C. Malatesa and A.
Waisenfeld.
Fords and horseshoe mouth faces: Their determinants, affective meaning and
signal value in infants. H. Oster.
Discussant: Stephen Porges
Research reports: Illness and prematurity.

Chair: Lorraine V. K. Brown


Clinical assessment of high-risk infant-mother interaction. Lauren Brandt.

The relationship of parental concerns in infant risk status. Mary Margaret Brown.

Vulnerability in the preterm infant. Sarah E. Cohen and Lelia Backwell.

Friday, 11:00 - 1:00

Conversation hour and hour-long discussions: Learning, mathematics, science.

Participants: Andrew M. Brown, Carolyn R. Brown, John Watson.

Conviction hour and hour-long discussions: Sensory and psychophysics.

Participants: Frank A. Brown, Mary Brown, Steve Brown.

Conviction hour and hour-long discussions: Physiological measurements.

Participants: Frank A. Brown, Mary Brown, Steve Brown.

Conviction hour and hour-long discussions: Attachment.

Participants: Mary Brown, Mary Brown, Steve Brown.

Conviction hour and hour-long discussions: Mental assessment.

Participants: Mary A. Brown, Mary Brown, Steve Brown.

Conviction hour and hour-long discussions: Intellectual assessment.

Participants: Mary A. Brown, Mary Brown, Steve Brown.

Conviction hour and hour-long discussions: Social and emotional development.

Participants: Mary A. Brown, Mary Brown, Steve Brown.

Conviction hour and hour-long discussions: Communication and language development.

Participants: Mary A. Brown, Mary Brown, Steve Brown.

Conviction hour and hour-long discussions: Physical development.

Participants: Mary A. Brown, Mary Brown, Steve Brown.

Conviction hour and hour-long discussions: Cognitive development.

Participants: Mary A. Brown, Mary Brown, Steve Brown.
Bauer, C., University of Miami Medical School, 32
Barnett, R.K., Cornell University Medical Center, 24
Becker, P.T., University of Connecticut, 31
Beckwith, L., University of California at Los Angeles, 16, 18
Bee, H.L., University of Washington, 18
Beebe, B., Yeshiva University, 13, 33
Belsky, J., Pennsylvania State University, 23, 24, 26, 33
Benedicte de Boysson-Bardies, 19
Benson, N., University of Purdue, 27
Berg, K., University of Florida, Gainesville, 25
Bergstrom, L.I., University of Alberta, 13
Bernstein, M., University of California, Los Angeles, 20
Bertenthal, B.I., University of Virginia, 27
Bigelow, A., Saint Francis Xavier University, 14
Biglan, A., University of Oregon, 14
Birch, E., Massachusetts Institute of Technology, 19
Boothe, R.G., University of Washington, 13
Born, W.S., University of Pennsylvania, 29
Bornstein, M.H., New York University, 19, 31
Boukydis, C.F., Harvard University Medical School, 9
Bower, T.G.R., University of Edinburgh, 22
Brachfeld-Child, S., Wellesley College, 33
Bradshaw, D., University of Denver, 29
Brandt, L., Institute for the Study of Exceptional Children, New York, 16
Brazelton, T.B., Harvard University Medical School, 18, 22
Bretherton, I., Colorado State University, 19
Bridger, W.H., Albert Einstein College of Medicine, 23
Bronson, G., Hillview Acres Children's Home, Chino, California, 17
Brooks-Gunn, J., Educational Testing Service, Princeton University, 19, 26, 29
Brooks, P., Vanderbilt University, 31
Brown, M.W., University of Washington, 16

Research reports: Assessments of exploration, play and test-taking behavior.

Chair: Robert McCall

Nonspecific transfer effects of experience with response-contingent and noncontingent toys. Barbara Davis Goldman.

Mother-infant reciprocity, causality, and response to contingent feedback. Mary J. Levitt & M. Cherlie Clark.

Infants' exploration of objects. Holly A. Ruff.


Carolina record of individual behavior (CRIB): Characteristics of infants and toddlers with Down Syndrome. Gail S. Huntington and Rick Fennell.

Factor analysis of Bayley's Infant Behavior Record. B.F. van der Meulen and M. Smrkovsky.

Research reports: The study of eye movements.

Chair: Gordon Bronson


The Development of visual fields in kittens: a model for human infants. Daphne Maurer and Roxandra Streteanu and David Illingworth.


Symposium: Affect dynamics in early infancy.

Chair: Alan Fogel

Friday, 1:25-50

Affect displays of high-risk infants during early interactions: An observational study of affect dynamics. David G. Thomas and David Derberry.

Affect displays of infants in response to their mothers: An observational study of affect dynamics. Mary E. Rothbart and Douglas Derberry.

The problem of elicit affective signals in young children: An observational study of affect dynamics. Daniel N. Storn.

Affect dynamics in early infancy: The role of affect in infant development. John E. Neuman.

Affect dynamics with children with hearing impairments: The role of affect in infant development. Steven M. Gans and Eugene Emory.

The role of affect in the spontaneous movement of young neonates: The role of affect in infant development. Steven M. Gans and Eugene Emory.


Social interaction in preterm and term infants: The role of affect in infant development. Kenneth M. Rothbart, Charles A. Schachar, and James N. Hovee, Lewis.

The role of affect in the development of attachment in infants: The role of affect in infant development. Kay B. Schaefer and Robert A. Dadds.

The role of affect in the development of attachment in infants: The role of affect in infant development. Kay B. Schaefer and Robert A. Dadds.

Parent interaction with full-term and preterm infants. Kahryn E. Barnard and Helen L. Bee.

Chair: Myra Leifer

Clinical intervention methods for disturbed parent-infant interaction.
Chaya Roth

The use of quantitative single-case methodology for studying the effects of parent-infant interaction. Myra Leifer and Jeannie Harsh

Assessing parent-infant interaction within an ecological model. Donna Spiker

Clinical case presentation of a disturbed parent-infant dyad. Margie Morrison and Laurie Leventhal-Belfer.

Discussant: Alan Sroufe

Research reports: Baby talk, babbling and early language development.

Chair: D. Kimbrough Oller

Why we talk "baby talk" to babies. D. Cymballista and Marc H. Bornstein.
Do babies babble like speakers speak? Bénédicte de Boysson-Bardies.
Individual differences at 20 months: Morphology and syntax. Inge Bretherton, Sandra McNew, Lynn Snyder and Elizabeth Bates.
Continuity in language ability from 13 to 28 months. Elizabeth Bates, Inge Bretherton and Lynn Snyder.
Categorization and language skills in the second year. Judy A. Ungerer and Marian Sigman.

Research reports: Developing visual system.

Chair: Louise Hainline

Light adaptation in infants. James L. Dannemiller and Martin S. Banks.
The development of size-selective feature detectors in early infancy. Martin S. Banks and Benjamin R. Stephens.
Newborns' detection of visual contrast. Russell James Adams.

Research reports: New directions in the study of heart rate.

Chair: Steve Porges

Estimating oxygen consumption in heart rate. R. Woodson, Reena Greenberg and Tiffany Field.
Development of autonomic control in term and preterm infants from birth to three months. Annie Fernandez and Nathan Fox.
Facial and Cardiac Responses to Novel Stimuli. Gail M. Schwartz, Susan E. Ansul and Carroll E. Izard.
Heart rate variability and attention in handicapped and normal infants. Jeanne Brooks-Gunn and Michael Lewis.
Psychophysiological study of child-environment interaction in the natural setting. Heikki Lytinen
Symposium: Infant social development in non-traditional families.

Chair: Philip Young

Infant experiences in traditional and dual-wage families. Prof. A. Brown and Allen W. Gottfried presented.

Increased paternal involvement and family relationships. Ann M. Frodi and Philip Young, presented.


Research reports: Antecedents and consequences.

Chair: Marilyn S. Cohen

Symposium: Variables influencing the outcome of prematurity: A longitudinal study of low-birthweight infants.

Chair: Linda S. Stigel

Perinatal, reproductive, and environmental variables as predictors of the development of preterm infants at 5 years of age. Linda S. Stigel.

The influence of preterm behavioral responses on outcome at 5 years of age. Linda S. Stigel.

Gradual adjustment of preterm infants: Developmental outcome at 1 year. Lucy Murray.

A longitudinal study of low-birthweight children: Reproductive, perinatal and environmental predictors of developmental status at three years of age. Lars Smith, J. E. S. Van der Molen and Finn Sommer.

Research reports: Parent-infant interactions.

Chair: Susan Wisbauer


Parents: perception of their own activity. Sheila Brauch and Karen McCluskey.

Research reports: Parent-infant interactions:

Chair: Marilyn S. Cohen

Symposium: Recent developments in cross-modal functioning during infancy.

Chair: Allen W. Gottfried and Susan A. Rosenfield


Intermodal perception of substance. E. J. R. Gibson and A. D. Walker.

The basis of infant visual-acoustic functional dimensional or multimodal compound. W. Bushnell.

Research reports: Neonatal behavior and later development.

Chair: Pat Self

Differentiated communication acts and the infant's interaction during breast feeding. E. J. R. Gibson and P. A. Self.

Behavioral correlation of Brazilians neonatal behavior assessment scale with early infant behaviors. Marilyn S. Cohen.

Research reports: Parent-infant interactions.

Chair: Susan Wisbauer

Symposium: Recent developments in cross-modal functioning during infancy.

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Behavioral correlation of Brazilians neonatal behavior assessment scale with early infant behaviors. Marilyn S. Cohen.
Research reports: Infant peer interactions.

Chair Deborah Vandell

Individual differences in infant friendships. Carollae Howes.
The cognitive and social features of play among infants and toddlers. Jalpaul L. Roopnarine and Tiffany Field.
Effects of age and age-mix on toddler peer interaction. Celia A. Brownell.
Development of role taking ability in toddlers. Celia A. Brownell
The impact of center and family day care on the toddlers' willingness to explore. Rosanne Kermolen, Mark D. Everson and Sueann R. Ambran.

Sunday, 8-9:50
Trinity

Research reports: Risk conditions and developmental continuities

Chair: Sarah Friedman

Continuity of behavioral organization from birth to 18 months. M. Als, F.H. Duffy.
Failure to thrive - a developmental follow-up. Lynn Twarog Singer.
Rhythmic habit patterns as a function of handicapping condition. Rick Fennell, and Rune J. Simeonsson.
Down's Syndrome infant and environment. Lars Smith.
Infant mental development and learning disabilities at 6 years. Jane V. Hunt and Leanne Rhodes.

Sunday, 8-9:50
Bradford Ballroom

Friday, 5-6:00 - Brazos

Conversation hour & Hors D'oeuvres: Individual differences.
Participants: Robert McCall, Robert Plomin, Evelyn Stuman

Friday, 5-6:00 - San Antonio/Rio Grande

Conversation hour & Hors D'oeuvres: Auditory Processing.
Participants: Richard Aslin, Keith Berg, Frances Graham

Friday, 5-6:00 - Bradford Austin

Conversation hour & Hors D'oeuvres: Cross-cultural Studies.
Participants: C. Super, H. Leiderman, D. Freedman

Friday, 5-6:00 - Trinity

Conversation hour & Hors D'oeuvres: Affect.
Participants: Joseph Campos, Allen Sroufe, Jeanette Haviland

Friday, 5-6:00 - Bradford Ballroom

Conversation hour & Hors D'oeuvres: High-risk Infants.
Participants: Susan Rose, Douglas Sabin, Linda Siegel, Anita Sostek.

Friday, 6:10 - 7 - Bradford Ballroom

Keynote Address: Jerome Bruner, "Are infants becoming little theorists or little strategists?" Introduced by Tiffany Field

Friday, 7-8 - Bradford Ballroom and Second Floor Lounge

Cocktails

Research reports: Cultural and individual differences in early development.

Chair: Charles Super

Culture, sex, and neonatal behavior. Charles M. Super.
Comments on the development of sex differences. Ann Antonelli.
Infants of adoptive and biological parents: First facts on early stages of development. Charles W. Greenbaum, Judith Auerbach, Ruth Gutman, Rachel Kola, Talli Arbel, Judith Margolin and Daniel Frankel.
Genetic influences on individual differences in emotionality. HIlI Goldsmith and Joseph J. Campos.
The relationship of neurological maturation and cognitive development in Infants. Timothy F. Murphy, and Craig B. Lider.
Genetic and environmental clusters of Bayley items at one year of age. Robert Plomin and J.C. DeFries.
Introduction by Alice Kline

Topical Dinner: Amold Semple, "Transactions and Transcendence"
Friday, 8-10:00 - Birdsall Room 303

Topical Dinner: A. J. Bayley, "Complexities of Vision and Light"
and the Law of Force"
Friday, 8-10:00 - Birdsall Conference Room

Introduction by Mary Leakey

Topical Dinner: T. R. Eason, "Classic Early Literature Research: Building Bridges Across Story Continuums"
Friday, 8-10:00 - Birdsall Room 303

Introduction by Philip Sapirstein

Topical Dinner: Gary Holton, "Nature/Science"
Friday, 8-10:00 - Nature/Science Room

Introduction by Elizabeth Seidler

Topical Dinner: Eleanore Seidler, "Basic Concepts Underlying Perception"
Friday, 8-10:00 - Brazos
Research reports: High-risk infant-caregiver interactions.

Chair: Craig Ramey

Sibling interaction: Evidence of a generational effect in maltreating families. Patricia M. Crittenden.


Intervention effects on mother-child interaction. Donna Bryant, Craig Ramey, and Margaret Burchinal.

Sequela of mothers' development expectations about their infants. Sandra K. Mitchell and Charlene Snyder.

Mother-child interactions and mental development in two-year-olds with Down Syndrome. Susan B. Crawley and Donna Spiker.

Saturday, 5-6:00 - Bradford Ballroom


Saturday, 6-10:00 - Riverboat Trip - Cocktails, Barbeque, and Dixieland Jazz.

Research reports: Visual information processing.

Chair: Albert Yonas


Perception of pattern structure in 4-month olds. G. Keith Humphrey, Diane Di Franco, Darwin Hulr and Peter C. Dodwell.


Information Processing skills in infants' search for hidden objects. Catherine Sophian, and Henry Wellman.

Research reports: Psychophysiology of sensory processes.

Chair: David Shucard


Neonates' arousal level and visual attention to temporal frequencies. Judith M. Gardner and Bernard Z. Karmel.


Retinal adaptation in infants. Anne B. Fulton and Ronald M. Hansen.

Assessment of refractive amblyopia in infants. D. Luisa Mayer, Ronald M. Hansen, and Anne B. Fulton.

Research reports: Family Factors

Chair: Judy Langlois

Father involvement, attachment, and child task competence. M. Ann Easterbrooks.

Marital quality and child-mother, child-father attachments. Wendy A. Goldberg.


Raising a family: Social support and infant care. Margaret J. Solomon.

The determinants of parenting within a family context. Wendy C. Gamble and Jay Belsky.
Saturday, 10-11:50
Bradford Ballroom

Research reports: Mastery motivation and language development in high-risk infants and toddlers.
Chair: Claire Kopp

Object sorting by pre-term and full-term infants. Susan Goldberg, David Starkoy and Linda Fetters.
Assessment of mastery motivation in term and preterm infants. Robert J. Harmon and Anita D. Glidden.
Mastery motivation in handicapped toddlers: The effect of control over speech output on language acquisition. Laura F. Meyers and Judy Howard.
Language and interaction in high risk toddlers. L. Rocissano and Y. Yatchmink.

Saturday, 12-1:00 - Brazos

Conversation hour & Hors D'oeuvres: Sequential analyses.
Participants: Roger Bakeman, Alan Fogel, Gene Sackett

Saturday, 12-1:00 - San Antonio/Rio Grande

Conversation hour & Hors D'oeuvres: Visual Processing.
Participants: Al Caron, Leslie Cohen, Joe Fagan, Marshall Haith

Saturday, 12-1:00 - Bradford Conference Room

Conversation hour & Hors D'oeuvres: Fathers
Participants: Jay Belsky, Ross Parke, Michael Yogman

Saturday, 12-1:00 - Trinity

Conversation Hour & Hors D'oeuvres: Parenting
Participants: Susan Goldberg, John Kennell, Klaus Minde

Saturday, 12-1:00 - Bradford Ballroom

Conversation hour & Hors D'oeuvres: Handicapped Infants.
Participants: Jeanne Brooks-Gunn, Marlon Sigman, Peter Vietze.

Research reports: Learning and imitation.
Chair: Jeffrey W. Fagen

Infants' attempts to recreate events: Causality by imitation and by appeal. Suzanne R. McBride, Roberta Hinchick Golinkoff and Margaret E. Ransom.
The big band sound: Teaching infants to make an elephant play drums. Mary Kaiser, Nancy Benson, and Christina Christopoulos.
A kinematic analysis of movement changes during very early learning. Esther Thelem and Donna Fisher.
A behavioral study of infants and toddlers learning a novel task. David H. Cooper and Robert Plomin.
Newborns are sensitive to temporal and behavioral contingencies. Robin K. Panneton, and Anthony J. DeCasper.

Saturday, 1-2:50
San Antonio/Rio Grande

Symposium: Infant sensitivity to kinematic information.
Chair: Bennett J. Bertenthal and Robert Fox.

Event perception. Dennis R. Proffitt.
Detection of motion invariants. Holly A. Ruff.
Development of infant sensitivity to biomechanical motions. Bennett J. Bertenthal and Dennis R. Proffitt.
Motion carried information for spatial layout and shape. Albert Yonas.
Discussant: Eleanor J. Gibson.

Saturday, 1-2:50
Nueces/Colorado

Symposium: Infant temperament revisited: Is the behavior in the eye of the beholder?
Chair: Cynthia T. Garcia Coll

Temperament as a part of social relationships: Implications of perceived infant diffiultness. John E. Bates.
Three approaches to the study of infant temperament. Mary K. Rothbart.
Discussant: Sean C. McDevitt

Saturday, 10-11:30

Research Reports: Attachment.

Research Reports: Early Mother-Infant contact.

Saturday, 11:30-12:30

Pre-language vocabularies and words: Early Gibbering.

Early Motor-Physical: Implications for Linguistic Development.


Non-verbal Behavior in mother-child interactions: Speaking Beyond Speech.

The significance of infant language: John H. Trumbull.

Saturday, 12:30-1:30

Workshop: Toward an Integrative Theory of Voice-Special Development.

Saturday, 1:30-2:30

Pre-language vocabularies and words: Early Gibbering.

Early Motor-Physical: Implications for Linguistic Development.


Non-verbal Behavior in mother-child interactions: Speaking Beyond Speech.

The significance of infant language: John H. Trumbull.

Saturday, 2:30-3:30

Research Reports: Early vocal communication in infancy.

Research Reports: Communication, literacy, and developmental assessment.

Saturday, 3:30-4:30

The significance of infant language: John H. Trumbull.