

Participants:

Prenatal influences on Aboriginal-White Australian: Differences in neonatal irritability. James S. Chisholm (Harvard University).

Food sharing in captive Orang-utan mothers and offspring: Ontogeny and phylogeny. Marjorie F. Elias (Harvard University).

Coordination of infant nursing and maternal activity in wild baboons. Nancy Nicolson (Harvard University).

Rhythmical behaviors in infancy: An evolutionary perspective. Esther Thelen (University of Missouri).

Functional consequences of nursing frequency among hunter-gatherers. Melvin J. Konner (Harvard University).

Discussant: Evelyn Thoman (University of Connecticut)

8<sup>00</sup>-10<sup>00</sup>

Ballroom West

(22) WORKSHOP: **Infant reactions to emotional signals: 12-18 months**

Chairperson: James F. Sorce (University of Colorado Medical Center)

Participants:

Young children's responses to the emotions of others. Carolyn Zann-Waxler (NIMH).

Infant responses to the crying of an adult actor in the laboratory: Stability and correlates of "concerned attention". Donna Weston and Mary Main (University of California, Berkeley).

The role of maternal referencing. James F. Sorce.

Infants' recognition of the meaning of facial expression in the second year of life. Mary D. Klinnert (University of Denver).

The infant as initiator. Michael W. Yogman (Children's Hospital, Boston).

8<sup>00</sup>-10<sup>00</sup>

Plaza Room

(23) SYMPOSIUM: **The bi-directionality of attachment: Longitudinal perspectives of infant and maternal attachment.**

Co-Chairpersons: Susan Lee Painter (University of British Columbia) and Craig T. Ramey (University of North Carolina, Chapel Hill)

Participants:

Bonding and attachment: Theoretical perspectives and empirical findings. Susan B. Campbell and Paul M. Taylor (University of Pittsburgh).

Longitudinal perspectives on maternal attachment: Adaptation through the first two years of parenthood. Susan Lee Painter and Tannis MacBeth Williams (University of British Columbia).

Maternal involvement and responsiveness: Definition and developmental course. Kathryn E. Barnard (University of Washington).

Patterns of dyadic involvement: Infancy to public school. Craig T. Ramey and Dale C. Farran (University of North Carolina, Chapel Hill).

Discussant: Paul M. Taylor

8<sup>00</sup>-10<sup>00</sup>

Eaton Room

(24) SYMPOSIUM: **INTER-ACT: The National Committee for Services to Very Young Children with Special Needs and Their Families—Position and Issues.**

Chairpersons: Jennie E. Swanson (Loyola University, Stritch School of Medicine) and Geneva Woodruff (Project Spinus).

Participants:

Earladeen Badger (University of Cincinnati College of Medicine), Judy Howard (University of California, Los Angeles, Medical Center), Patricia Hutinger (Western Illinois University), Nancy Stone (Association of Psychiatric Services for Children, Washington, D.C.), Virginia Henry (Erie County Crippled Children Society, Erie, PA), Ron Schmerber (Loyola University, Stritch School of Medicine), Corrine Garland (Child Development Resources, Williamsburg, VA), and Bonnie Plummer (Solano County Public Schools, Fairfield, CA)

**Saturday 12 April 1980**

8<sup>30</sup>-10<sup>00</sup>

Ballroom East

(25) PAPER SESSION: **Psychophysiology I**

Chairperson: Leighton E. Stamps (University of New Orleans)

Participants:

Newborn heart rate responses to the human voice. Daniel H. Ashmead (University of Minnesota) and Lewis P. Lipsitt (Brown University).

Cardiac responses in four month old infants to stimuli moving at three different velocities. A. Ivinskis and D.C. Finlay (University of Newcastle).

Auditory discrimination at four months in preterm and full-term infants and five-year Stanford-Binet. Mary J. O'Connor (University of California, Los Angeles), Sarale E. Cohen, and Arthur H. Parmelee (University of California School of Medicine, Los Angeles).

Modulation of neonatal heart rate response by prestimulation. James M. Ver Hoeve, Lewis A. Leavitt, and Philip A. Morse (University of Wisconsin).

Spectral analysis of neonatal heart rate and respiratory patterns: Preliminary support for a new assessment technique. Stephen W. Porges (University of Illinois), G. Srinivasan, H. Shaker, Rosita Pildes (Cook County Hospital), Michael N. Cheung, and Robert E. Bohrer (University of Illinois).

Repeated computation of weighted spectral coherence of cardiac and respiratory activity in high-risk infants in relation to clinical progress and outcome. Michael N. Nelson, Werner Meier (Rush-Presbyterian-St. Luke's Medical Center), Stephen W. Porges, and Michael N. Cheung (University of Illinois).

8<sup>30</sup>-10<sup>45</sup>

Ballroom West

(26) PAPER SESSION: **Learning, attention, and memory**

Chairperson: Simon B. Miranda (University of Miami Medical School)

Participants:

Conditioned disruption of newborn sucking. David S. Cantor (SUNY, Stony Brook), Janet E. Fischel (Wayne State University), and Herbert Kaye (SUNY, Stony Brook).

Distributed study facilitates infants' delayed recognition memory. Edward H. Cornell (University of Alberta).

The use of a criterion in the infant habituation paradigm. James L. Dannemiller (University of Texas, Austin).

Attention as a predictor of learning in infants. Richard D. Ewy and Louise A. Hayes (University of California, Berkeley).

Individual differences in sustained attention in the second year of life. Claire B. Kopp and Joanne B. Krakow (University of California, Los Angeles).

Effects of stimulus movement on visual attentional processes on one- and three-month infants. Allen E. Milewski (DePaul University).

Intertrial intervals and visual habituation learning in neonates. Marcia Moshé, Helen McK. Doan, and Fredric Weizmann (York University).

Stimulus characteristics that determine infants' exploratory behavior. David R. Pederson, Gerard Klein, and Donna Steele (University of Western Ontario).

Infant immediate and delayed memory for perceptual dimensions. Mark S. Strauss (University of Pittsburgh) and Leslie B. Cohen (University of Illinois).

Who's who in the world of day center babies: A longitudinal study of visual attention to self, parents, peer and caregiver. Carolyn W. Topinka and Earl C. Butterfield (University of Kansas Medical Center).

Type and quality of care: Mediating factors in the effects of day care on infant response to brief separations. Rosanne Kernohan, Mark D. Everson, and Sueann R. Ambron (Stanford University).

Environmental influences salient to behavioral development in infancy: A study adoptive and "control" families. Robert Plomin and J.C. DeFries (University of Colorado).

Qualitative versus quantitative differences in caregivers in family day care and at home. Bryna Siegel-Gorelick, Sueann Ambron, and Mark Everson (Stanford University).

8<sup>30</sup>-9<sup>30</sup> Plaza Room

**(27) PAPER SESSION: Effects of infant environments**

Chairperson: Christine Cataldo (SUNY, Buffalo)

Participants:

8<sup>30</sup>-9<sup>30</sup> Eaton Room

**(28) PAPER SESSION: Ecological and interview methods**

Chairperson: Donna Wittmer (Syracuse University)

Participants:

The relationship between one-year-olds' home environment and their behavior in the Ainsworth-Wittig strange-situation. Lauren C. Abe (Educational Testing Service).

Maternal perception of infant emotions from birth through eighteen months. Betty Jean Pan-nabecker, Robert N. Emde, Craig Stenberg, William F. Johnson, Charles E. Fuenzalida, and Margaret Davis (University of Colorado Medical Science Center).

Physical and social ecology of newborn special care units. A.W. Gottfried, S. Sherman-Brown, P. Wallace-Lande, C. Coen, M.K. Allen, and J.C. King (California State University, Fullerton).

Direct perception of self in infancy. George E. Butterworth (University of Southampton, England).

9<sup>30</sup>-10<sup>30</sup> Plaza Room

**(29) PAPER SESSION: Infant communications**

Chairperson: Sharon Oviatt (University of Illinois)

Participants:

A study of infant preference for question vs. statement intonation patterns using natural and synthetic stimuli. Joseph W. Sullivan and Frances Degen Horowitz (University of Kansas).

Participants:

Object permanence for sound-producing objects: Parallels between blind and sighted infants. Ann Bigelow (St. Francis Xavier University).

Spatial orientation at eighteen months of age: Search mediated by self-movement. Marsha L. Heiman and John J. Rieser (Vanderbilt University).

The development of detour knowledge during infancy. Jeffrey J. Lockman (University of Minnesota).

The development of object and person permanence as a correlate of dimensions of maternal care. Sheila Rimland Pohly (SUNY, Stony Brook).

Infants' use of sound in search for objects. Ina C. Uzgiris and Janette Benson (Clark University).

Emergence of cognitive mapping: Toddlers' mental representation of spatial layout. John Rieser, Pamela Doxsey, Nancy McCarrell, and Penelope Brooks (George Peabody College of Vanderbilt University).

Infant reaching for moving objects. Claes von Holsten (University of Uppsala, Sweden).

3<sup>30</sup>-5<sup>30</sup> Plaza Room

**(19) SYMPOSIUM: Twenty months: The transition from the gesture to the word in different populations of children**

Chairperson: Dale Farran (University of North Carolina, Chapel Hill)

Participants:

Predicting McCarthy verbal scores at 30 and 42 months from spontaneous language productions during the single-word stage: A longitudinal study. Judith Adams (University of North Carolina, Chapel Hill).

The effects of infant daycare on the transition from gesture to word in a sample of poverty infants. Joanne O'Connell (University of Northern Iowa).

Verbal and nonverbal communication in autistic children. Susan M. McHale, Rune J. Stimsonsson, and Lee M. Marcus (University of North Carolina, Chapel Hill).

Early signed and spoken utterances of a hearing infant. Kathleen M. Holmes and David W. Holmes (University of North Carolina, Chapel Hill).

Discussant: Katherine Nelson (City University of New York)

4<sup>45</sup>-5<sup>30</sup> Eaton Room

**(20) PAPER SESSION: Social perception**

Chairperson: Daphne Maurer (McMasters University)

Participants:

Infant attention to non-verbal adult facial expression. Curtis A. Samuels (University of California, Berkeley).

The perception of faces by three-month-old infants. Daphne Maurer and Lynne Heroux (McMasters University).

Self-recognition in one-to-two-year-old infants. Daniel B. Johnson (Assumption College).

8<sup>30</sup>-10<sup>30</sup> Ballroom East

**(21) SYMPOSIUM: Human infancy viewed from the perspective of evolutionary biology**

Chairperson: Marjorie F. Elias (Harvard University)

2<sup>30</sup>-3<sup>30</sup> Plaza Room

(15) PAPER SESSION: **Infancy measurement issues**

Chairperson: Karen Freiberg (University of Maryland)

Participants:

Individuality in mother-infant relationships at six months: A factor-analytic study. John E. Bates, Sheryl L. Olson, Gregory S. Pettit, and Kathryn Bayles (Indiana University).

Effects of time and type of feeding on neonatal test performance. Joseph M. Byrne, Joseph W. Sullivan, and Frances Degen Horowitz (University of Kansas).

An analysis of infant assessment measures. Kim L. Johnson (University of California, Los Angeles).

Developmental relation between maternal stimulation and infant responsiveness. Linda Tollefsrud, Judith H. Langlois, and Douglas B. Sawin (University of Texas, Austin).

2<sup>45</sup>-4<sup>45</sup> Eaton Room

(16) **Roundtable discussion on issues in longitudinal research**

Chairperson: L. Alan Sroufe (University of Minnesota)

Presentations:

Issues of research strategy. Richard Q. Bell (University of Virginia)

Issues of measurement and meaning. Ronald Wilson (University of Louisville School of Medicine).

Issues surrounding research with special populations: Handicapped and medically at risk infants. Leila Beckwith (University of California, Los Angeles).

Panel Members: Leila Beckwith, Richard Q. Bell, Carol Nagy Jacklin (Stanford University), Claire Kopp (University of California, Los Angeles), L. Alan Sroufe, and Ronald Wilson.

3<sup>00</sup>-5<sup>00</sup> Ballroom East

(17) SYMPOSIUM: **Sucking, crying and stimulation of neonates**

Chairperson: Tiffany Field (University of Miami Medical School)

Participants:

Nonnutritive sucking opportunities: A safe and effective treatment for premature infants. Gene Anderson, A. Burroughs, C. Measel, U. Afone, and D. Vidyasagar (University of Florida).

Effects of nonnutritive sucking on clinical course and Brazelton performance of ICU neonates. Edward Ignatoff (University of Miami Medical School).

Effects of nonnutritive sucking on feeding interactions of ICU neonates. Sharon Stringer (University of Miami Medical School).

The effects of vestibular-proprioceptive and auditory stimulation on the development of prematurely born infants. Kayreen Ann Burns (Loyola University) and Ruth Deddish (Northwestern University Medical School).

Blood pH and crying in the newborn infant. R. Woodson, F. Reader, J. Shepherd and G. Chamberlain (University of London).

Discussant: Stephen W. Porges (University of Illinois)

3<sup>30</sup>-5<sup>15</sup> Ballroom West

(18) PAPER SESSION: **Knowledge of objects and space**

Chairperson: Bernald Z. Karmel (University of Connecticut)

Teacher questions and toddler response. Alice Sterling Honig and Donna Sasse Wittmer (Syracuse University).

Cognition related vocalizations in infancy: A case study. Debra E. Clark and D.D. Hilke (Cornell University).

"I hurt your feelings because I was mean to you": Toddlers' person knowledge expressed in language. Inge Bretherton, Marjorie Beeghly-Smith, Carol Williamson, and Sandra McNew (University of Colorado).

9<sup>30</sup>-10<sup>30</sup> Eaton Room

(30) PAPER SESSION: **Parenting factors**

Chairperson: Jean Steichen (University of Cincinnati)

Participants:

The relation of parents' social networks to maternal involvement and responsibility. Douglas R. Powell (The Merrill-Palmer Institute).

Parents' perceptions of their infants' physical attractiveness. Katherine A. Hildebrandt (SUNY, Buffalo).

Predicting abuse and neglect from patterns of mother-infant interaction. Patricia M. Crittenden (University of Virginia).

Mother's presence is not enough: The effect of emotional availability on infant exploration and play. James F. Sorce and Robert N. Emde (University of Colorado Medical Center).

10<sup>00</sup>-12<sup>00</sup> Ballroom East

(31) SYMPOSIUM: **Immature subjects and concepts: Rodent-human parallels in cardiac and sensory development**

Chairperson: Frances K. Graham (University of Wisconsin)

Participants:

Perspectives on an animal model: Comparison in cardiac development. W. Keith Berg (University of Florida).

Experiments by mother nature: Comparative aspects of sensory development. Jeffrey R. Alberts (Indiana University).

Habituation and dishabituation of heart rate responses to olfactory and tactile stimuli. W. Keith Berg, Russel M. Eggert, and Jeffrey N. Pickens (University of Florida).

Development of the heart rate orienting response in the rat: Habituation and generalization of visual and auditory stimuli. Byron A. Campbell and Vahram Haroutunian (Princeton University).

New uses of cardiac response in studies of development of learning and affective state. Louise T. Martin (Indiana University).

Discussant: Stephen W. Porges (University of Illinois)

10<sup>30</sup>-12<sup>30</sup> Plaza Room

(32) SYMPOSIUM: **Tactile stimulation during the prenatal and infancy periods of development: Its association with parental and infant behaviors.**

Chairperson: Kathryn E. Barnard (University of Washington)

Participants:

The prenatal maternal attachment process. Linda Carter-Jessop (University of Rochester).

The NICU environment: Premature infant responses to handling during caregiving activities. Susan Blackburn (University of Washington).

**(12) SYMPOSIUM: Causality: The development of causality**

Chairperson: Roberta Michnick Golinkoff (University of Delaware)

Participants:

The development of causality: The distinction between animates and inanimates. Roberta Michnick Golinkoff and Carol Gibb Harding (University of Delaware).

Infant causality: Is it the same for social and nonsocial events? Vicki Carlson-Luden (Harvard University).

The infant's understanding of persons as causal agents. Miriam E. Sexton (University of Massachusetts).

Bases of causal inference in infancy: Time, space, and sensory relations John Watson (University of California, Berkeley).

Discussants: Ina Uzgritis (Clark University) and Eleanor Gibson (Cornell University).

**(13) PAPER SESSION: Attachment**

Chairperson: Christine Cataldo (SUNY, Buffalo)

Participants:

Alternative approaches to the A,B,C typology in the classification of strange situation attachment behaviors. J.P. Connell, H. Hill Goldsmith, and Duane Buhrmester (University of Denver).

The ecological validity of a laboratory measure of attachment. Marlene Cresti Cohen (University of California, San Francisco) and Sueann R. Ambron (Stanford University).

Object-person permanence and attachment: Another look. Mary J. Levitt (Florida International University), Toni C. Antonucci (University of Michigan), and M. Cherie Clark (Florida Atlantic University).

Exploration as related to infant-mother attachment in one-year-olds. Russel L. Tracy and Gary D. Farkish (University of Texas, Dallas).

**(14) PAPER SESSION: Temperament**

Chairperson: Ellen Hock (Ohio State University)

Participants:

Antecedents of infant temperament and mother-infant interaction during the first three months of life. Susan B. Crockerberg (University of California, Davis).

Infant temperament and noncompliant behavior at four years: A longitudinal study. Sabine Himmelfarb (Harding Hospital, Columbus, Ohio), Ellen Hock, and Charles Wenar (Ohio State University).

Longitudinal home observation of infant temperament. Mary K. Rothbart (University of Oregon).

Associations among temperament, sociability and social experiences in one-year olds. Margarie Stevenson and Lewis A. Leavitt (University of Wisconsin).

Genetics of infant temperament: Parental report and laboratory observations. H.H. Goldsmith (University of Colorado Medical Center), J.J. Campos, N. Benson, C. Hender-son, and P. East (University of Denver).

Mother-infant massage and exercise: A method of increasing tactile interaction. Cathryn L.

Booth (University of Washington).

Somatosensory attentional deprivation (SAD): A developmental neuropsychobiological theory of attentional disorders. James W. Frazier, NICHHD.

*Developmental course of the infant's responsiveness to tactile stimulation*

**(33) PAPER SESSION: Risk populations**

Chairperson: Peter Vietze (NICHD)

Participants:

Cognitive deficits within a non-suspect infant population. Penny Glass, Rose F. Caron (George Washington University) and Albert J. Caron (NIMH).

Developmental follow-up of infants with intraventricular hemorrhage. Gail S. Ross and Sylvia Schechner (Cornell Medical College).

Developmental follow-up of preterm and postterm infants. Jean Rydberg Dempsey and H.H. Shuman (Baystate Medical Center).

Predictors of development in preterm and fullterm infants: A model for detecting the "At Risk" child. Linda S. Siegel (McMaster University).

Habituation and perceptual-cognitive development in Cerebral Palsy infants. Susan C. McDonough (University of Illinois).

**(34) PAPER SESSION: Categorization**

Chairperson: Leslie B. Cohen (University of Illinois)

Participants:

Infants' perception of substance and temporal synchrony information in multimodal events. Lorraine E. Bahrick (University of California, Berkeley).

Infant learning of ill-defined categories. John S. Husain and Leslie B. Cohen (University of Illinois).

Cues which could assist the identification of objects in speech to infants. David J. Messer (NIH).

The categorization of male and female voices in infancy. Cynthia L. Miller (University of Kansas), Barbara A. Younger, and Phillip A. Morse (University of Wisconsin).

Number competence in infants: Sensitivity to numeric invariance and numeric change. Prentice Starkey, Elizabeth Spelke, and Rochel Gelman (University of Pennsylvania).

Infant perception of numerosity. Mark S. Strauss and Lynne E. Curtis (University of Pittsburgh).

Object naming at 20 months: Novel vs. natural categories. Elizabeth Bates and Andrew Gar-ri-son (University of Colorado).

**(35) PAPER SESSION: Interactions of high-risk infants**

Chairperson: Josephine V. Brown (Georgia State University)

Participants:

Styles of maternal interaction: Mothers and their retarded infants and their non-retarded infants. Carl J. Dunst (University of Maryland).

11<sup>30</sup>-12<sup>45</sup>

Ballroom West

(9) PAPER SESSION: **Methods and theories in Piagetian research**

Chairperson: Rose F. Caron (George Washington University)

Participants:

Intellectual development in infancy: A neo-Piagetian Interpretation. Robbin Case (Ontario Institute for Studies in Education).

The nature of representation and the development of consciousness and language in infancy — A criticism of Moore and Meltzoff's "Neo-Piagetian" approach. Elisabeth Moes (Pennsylvania State University).

Methods of assessing decontextualization in symbolic play. Cecilia Shore (University of Colorado).

Evaluating Piaget's theory of the origin of imitation. David Smillie (University of South Florida).

Changes in the structure of sensorimotor intelligence in the second year of life. Theodore D. Wachs and Nancy Hubert (Purdue University).

11<sup>45</sup>-12<sup>30</sup>

Plaza Room

(10) PAPER SESSION: **Speech perception**

Chairperson: Allen Gottfried (California State University, Fullerton)

Participants:

Cross-linguistic perception in infancy—beyond VOT. Rebecca E. Eilers, William J. Gavin, and D. Kimbrough Oller (University of Miami).

Do six-month-olds have perceptual constancy for phonetic segments? Joel Katz and Peter W. Juszyk (Dalhousie University).

Exploring the perception of the "Sound of Silence" in early infancy. Philip A. Morse (University of Wisconsin), Rebecca Eilers and William Gavin (University of Miami).

*Emergence of unambiguous handovers & repair have stability in infants Douglas S. Reaney U.C. San Diego*

1<sup>30</sup>-3<sup>00</sup>

Ballroom East

(11) PAPER SESSION: **Perception and processing of stimulation by high risk infants.**

Chairperson: Susan A. Rose (Albert Einstein College of Medicine)

Participants:

Acquisition of relational concepts in infancy: A developmental index. Albert J. Caron (National Institute of Mental Health), Rose F. Caron (George Washington University), and Anita M. Sostek (Georgetown University School of Medicine).

Preterm development of visual and auditory orienting in very low birth weight infants. Cecelia Daum, Diane Kurtzberg, Holly Ruff, Anne Hogan, Mary Ellen Lynch, and Herbert G. Vaughan, Jr. (Albert Einstein College of Medicine).

Lateral differences in preterm infant responsiveness and subsequent hemispheric specialization for language. Nathan Fox (Institute for the Study of Exceptional Children, New York).

Preferential looking at stimuli varying in temporal frequency by preterm infants. Judith Gardner (Hunter College of the City University of New York), and Bernard Z. Karmel (New York University Medical School).

Concurrent sensorimotor and visual-perceptual functioning in failure-to-thrive infants. Lynn T. Singer (Case Western Reserve University).

Relationships between prematurity and patterns of visual attention in five-month old infants. Barbara L. Zimmerman, Gary M. Olson, and Tracy Sherman (University of Michigan).

Early development of term and preterm twins. Tiffany Field and Susan Widmayer (University of Miami Medical School).

Maternal speech to normal and handicapped infants: A look at question-asking behavior. Jane S. Leifer and Michael Lewis (Educational Testing Service).

Very low birth weight infants: Mother-infant interaction during the first six months of life. Peter Marton, Klaus Minde (Hospital for Sick Children, Toronto), Sandra Trehub and Carl Carter (University of Toronto).

Maternal interactive style with normal and at-risk toddlers. Gail A. Wasserman, C. Ruth Solomon-Scherzer, Susan Spieker, and Daniel Stern (Cornell University Medical Center).

→ The Brazelton and MABI Scales as interventions for preterm infants. Susan Widmayer and Tiffany Field (University of Miami Medical Center).

1<sup>30</sup>-3<sup>30</sup>

Ballroom West

(36) SYMPOSIUM: **Techniques for assessing visual performance in infants and young children**

Chairperson: Jane Gwiazda (Massachusetts Institute of Technology)

Participants:

Visual acuity of infants with visual disorders. Indra Mohindra, Samuel Jacobson and Richard Held (Massachusetts Institute of Technology).

Behavioral test identifies ocular problem in 0 to 4 month old infants. Karen Manning, Anne Fulton, and Ronald Hansen (Children's Hospital Medical Center, Boston).

The visually evoked potential. Samuel Sokol (Tufts New England Medical Center).

An operant procedure for behavioral testing of visual acuity in infants and young children. D. Luisa Mayer and Velma Dobson (University of Washington).

Grating acuity in toddlers — an automated approach. Janice Naegele, Eileen Birch, Joseph Bauer and Richard Held (Massachusetts Institute of Technology).

1<sup>30</sup>-3<sup>30</sup>

Plaza Room

(37) SYMPOSIUM: **The coherence of maternal caregiving and the continuity of infant adaptation during the first two years of life**

Chairperson: Brian E. Vaughn (University of California, Los Angeles)

Participants:

Continuity in the organization of infant and toddler behavior. L. Alan Sroufe (University of Minnesota).

Coherence in caregiving during the first two years: A context for understanding continuity of infant adaptation. Brian E. Vaughn.

Predictability of continuity and change in the organization of infant behavior. Byron Egeland (University of Minnesota).

Discussant: Lella Beckwith (University of California, Los Angeles).

(38) AUDIO-VISUAL PRESENTATIONS

Eaton Room

1<sup>30</sup>-2<sup>00</sup> From the object to the person: Infantile autism treated below two years of age. Ruth C. Resch (SUNY, Downstate Medical Center)

2<sup>00</sup>-2<sup>30</sup> Infant emotional expression: A descriptive study. Ruth C. Resch (SUNY, Downstate Medical Center).

2<sup>30</sup>-3<sup>15</sup> Videorecording and analysis of self-recognition in infants. Daniel B. Johnson (Assumption College).

3<sup>15</sup>-4<sup>00</sup> Comparison of mothers and fathers with six-month-old infants. Elizabeth Landerholm (National College of Education Urban Campus, Chicago).

3<sup>00</sup>-5<sup>00</sup> Ballroom East

(39) SYMPOSIUM: **Assessing the maternal-child dyad at risk**

Chairperson: Judith S. Musick (Thresholds Mother's Project, Chicago)

Participants:  
The development of maternal feelings during pregnancy: A comparison of normal and psychiatrically disturbed women. Myra Lefter (University of Chicago).

An investigation of mother-infant interaction in a methadone addicted population. Joanne Householder (University of Chicago).

Early development of children at risk for mental illness. Arnold J. Sameroff and Ronald Seifer (Institute for Developmental Disabilities, Chicago).

A scale for the analysis of interactional patterns of mentally ill and well mothers and their infants and toddlers. Frances Stolt (Erickson Institute), Katherine Klehr (Northwestern University), Judith Musick, Roseanne Clark (Michael Reese Medical Center), Bertram Cohler (University of Chicago), and Jerry Dinclin (Thresholds Mother's Project).

An intervention model for mothers and infants: A clinical research project. Chaya H. Roth (University of Chicago).

3<sup>30</sup>-4<sup>30</sup> Ballroom West

(40) PAPER SESSION: **Perception II**

Chairperson: Phillip Salapatek (University of Minnesota)

Participants:  
Accommodative convergence in early infancy. Richard N. Aslin and Richard W. Jackson (Indiana University).

The contrast sensitivity function and infant pattern vision. Martin S. Banks (University of Texas, Austin).

Developmental changes in auditory localization from birth to six months. Rachel K. Clifton, Barbara Monongello, John Kullig, and John Dowd (University of Massachusetts).

Odor sensitivity in one month infants. Andrea W. Gullion, Patricia A. Self (University of Oklahoma), and Lucile Y. Paden (Kansas Department of Education).

3<sup>30</sup>-4<sup>45</sup> Plaza Room  
(41) PAPER SESSION: **Psychophysiology II**

Chairperson: W. Keith Berg (University of Florida)

Participants:  
REM storms at six months predict mental development at one year. Patricia T. Becker and Evelyn B. Thoman (University of Connecticut).

Young infants' responses to familiar and unfamiliar briefly presented visual and auditory events as measured by the late positive component (LPC) in the evoked response. Martin J. Hoffmann (University of Minnesota).

Cortical potentials associated with visual scanning during the first year of life in premature and full-term infants. Diane Kurtzberg and Herbert G. Vaughan, Jr. (Alert Einstein College of Medicine).

Participants:

Caesarian-childbirth: The importance of a family perspective. Frank Pederson, Martha Zaslow, Richard Cain (NICHD), and Barbara Anderson (Washington University School of Medicine).

Eight-month follow-up of infants delivered by Caesarean section. Tiffany Field and Susan Widmayer (University of Miami Medical School).

Impact of mode of delivery on father and mother-infant interaction at six months. Peter M. Vietze, Robert H. Macturk, Mary E. McCarthy, Robert P. Klein, and Leon J. Yarow (NICHD, NIH).

Psychological sequelae of Caesarean delivery. Frances Kaplan Grossman (Boston University). *Susan A. Whitner, Robert L. Eiler*

Caesarean-section and vaginally-delivered infants and their parents compared during the first post-partum month. Jacob L. Gewirtz (State University of New York at Stony Brook), Albert R. Hollenbeck (George Mason University), and S. Lawson Sebts (National Institute of Mental Health, NIH).

Vaginal vs. C-Section Delivery: Effects on neonatal behavior and mother-infant interaction. Nancy Croghan, Karen Connors, and Wanda Franz (West Virginia University) *Ms. Croghan*

10<sup>30</sup>-11<sup>30</sup> Ballroom West

(7) PAPER SESSION: **Intersensory functions**

Chairperson: Elizabeth Spelke (University of Pennsylvania)

Participants:  
Intersensory function in newborns: Effect of sound on visual preferences. Katharine Rieke Lawson (Albert Einstein College of Medicine).

Intersensory equivalence in young infants. David J. Lewkowicz and Gerald Turkewitz (Albert Einstein College of Medicine).

Cross-modal transfer and information processing by the sense of touch in infancy. Susan A. Rose (Albert Einstein College of Medicine), Allen W. Gottlieb (University of California, Fullerton), and Wagner H. Bridger (Albert Einstein College of Medicine).

Selective looking to multimodal events by infants. Arlene S. Walker (Cornell University), Loraine E. Bahrick (University of California, Berkeley), and Ulric Neisser (Cornell University).

10<sup>30</sup>-11<sup>45</sup> Plaza Room  
(8) PAPER SESSION: **Infant social interchanges**

Chairperson: Alice Honig (Syracuse University)

Participants:  
Infants use of turn-alternation signals in games. Hildy S. Ross (University of Waterloo).

Responses of six-month-olds to the distress of their peers. Dale F. Hay, Alison Nash, and Jan Pedersen (SUNY, Stony Brook).

The maintenance of aggression in toddlers. Beverly I. Fagot (University of Oregon).

Greeting behavior of two-month-olds: Mother, familiar adult, and stranger. Alan Fogel (Purdue University).

The quality of mother-infant attachment and its relationship to toddler's initial sociability with peers. Donald L. Pastor (University of Minnesota).

8<sup>30</sup>-9<sup>30</sup>

Plaza Room

(3) PAPER SESSION: **Fathering and infants**

Chairperson: Alice Honig (Syracuse University)

Participants:

Interaction styles and teaching strategies in triadic interaction in families with one-year-old infants. Jim Killarney and Kathleen A. McCluskey (West Virginia University).

The relationship between mother-infant and father-infant attachments. Margaret Tresch Owen, Lindsay Chase-Lansdale, and Michael E. Lamb (University of Michigan).

Variation in infant experience associated with alternative family roles. Frank Pedersen, Martha Zaslow, Richard Cain (NICHD), and Barbara Anderson (Diabetes Education Center, St. Louis, MO).

Mother and father-infant interaction in the home: A cross-contextual analysis. Thomas G. Power and Ross D. Parke (University of Illinois).

*fathers squeezed out*

(4) AUDIO-VISUAL PRESENTATIONS

Eaton Room

8<sup>30</sup>-9<sup>15</sup> Preverbal communication: Pointing and reaching. Ruth Segal (SUNY, Purchase) and Sybil Barten (Bank Street College of Education).

9<sup>15</sup>-10<sup>00</sup> A collaborative method of infant subject recruitment: Audio-visual presentations in the maternity unit. Vivienne E.S. Anderson and Paul M. McDonnell (University of New Brunswick).

10<sup>15</sup>-11<sup>00</sup> Prematurity and term: A contrast in behavior. M. Kathryn Jacobs (The Toledo Hospital, Toledo).

11<sup>00</sup>-11<sup>45</sup> Research methods to design toys for infants. Richard Allen Chase (Johns Hopkins University School of Medicine).

11<sup>45</sup>-12<sup>15</sup> Object conflicts among toddler peers. Hildy S. Ross and Dale Hay (University of Waterloo).

9<sup>30</sup>-10<sup>30</sup>

Plaza Room

(5) PAPER SESSION: **Longitudinal studies**

Chairperson: Jean Steichen (University of Cincinnati School of Medicine)

Participants:

How important is early mother-infant interaction for development during infancy. Peg Burchinal and Dale Farran (University of North Carolina).

Relationships between cognitive behavior at six-years and mother-infant interaction at three-months. Deborah L. Coates (American Psychological Association) and Michael Lewis (Educational Testing Service).

Differential vocal responsiveness to mother versus stranger at three months and cognitive-academic functioning 12 years later. Kiki V. Roe and Ann McClure (University of California, Los Angeles).

Sensorimotor abilities as predictors of cognitive and language development at three years. Linda S. Siegel (McMaster University).

10<sup>15</sup>-12<sup>30</sup>

Ballroom East

(6) SYMPOSIUM: **The psychological impact of Caesarean childbirth**

Chairperson: Martha J. Zaslow (NICHD)

Auditory event related potentials and fast habituation in infants and adults. David G. Thomas, David W. Shucard, Janet L. Shucard, and Katharine R. Cummins (National Jewish Hospital and Research Center, Denver).

The vector voltmeter in the measurement of infant visually-evoked cortical potentials. John S. Werner (University of Colorado).

7<sup>30</sup>-10<sup>00</sup>

Banquet

Ballroom

Invited Speaker: J. McVicker Hunt (University of Illinois), Fictions versus facts in infant development: A personal view.

**Sunday 13 April 1980**

9<sup>00</sup>-10<sup>30</sup>

Ballroom East

(42) PAPER SESSION: **Psychophysiology III**

Chairperson: Michael N. Nelson (Rush-Presbyterian-St. Luke's Medical Center)

Participants:

Effect of position on infant behavior and physiologic stabilization during the first four hours postbirth. Gene Cranston Anderson (University of Florida), Shirley Fleming (Simpson Public Health Clinic, Chicago), and Dharmapuri Vidyasager (University of Illinois Medical Center).

Adult response to infant cries: A physiological and self report analysis. C.F. Zachariah Boukydis (Harvard Medical School).

Cord blood amine oxidase and newborn behavior. Anita Miller Sostek (Georgetown University School of Medicine), Andrew J. Sostek, Dennis L. Murphy (NIMH), Elinor Bond Martin, and Wendy Smith Born (Georgetown University School of Medicine).

Spontaneous infant kicking: A new look at "learning" to walk. Esther Thelen (University of Missouri).

Brief apneas and reliable assessment of respiratory instability. Stephen P. Waite and Evelyn B. Thoman (University of Connecticut).

Prediction of neonatal behavior by features of infant crying. Philip Sanford Zeskind (University of Miami).

9<sup>00</sup>-10<sup>30</sup>

Ballroom West

(43) PAPER SESSION: **Sensory processes**

Chairperson: Martin Banks (University of Texas, Austin)

Participants:

The development of anticipatory hand orientation during reaching. Daniel H. Ashmead, Jeffrey J. Lockman (University of Minnesota), and Emily W. Bushnell (Tufts University).

Development of sensitivity to secondary depth cues. Paul M. McDonnell and Audrey Doyle (University of New Brunswick).

Infants' perception of the visual size constancy of moving objects. B.E. McKenzie (La Trobe University).

Crawling onset age: A predictor of visual cliff avoidance. John E. Richards and Nancy Rader (University of California, Los Angeles).

Development of stereopsis in human infants. Sandra F. Shea and Robert Fox (Vanderbilt University).

The perception of impending collision in three-month-old infants. A. Yonas, L. Pettersen, J. Lochman, and P. Eisenberg (University of Minnesota).

8<sup>30</sup>-10<sup>15</sup> Ballroom East

(1) PAPER SESSION: **Obstetrics and perinatal influences**

Chairperson: Anita M. Sostek (Georgetown University School of Medicine)

Participants:

Maternal smoking and newborn behavior. E.M. da Costa Woodson, R.H. Woodson, N.G. Blorton Jones, S.B. Pollock, and M.A. Evans (University of London).

The very low birthweight infant: Effects of antenatal versus postnatal growth retardation. Debra J. Gordon, Maureen Hack, I. Merkatz, P. Jones, and A. Fanaroff (Case Western Reserve University).

The effects of maternal medication on neonatal visual responsiveness. Judith A. Homer, Patricia A. Self, and Patricia L. Francis (University of Oklahoma).

Effects of postpartum contact on maternal confidence and anxiety. Anita Miller Sostek and John W. Scanlon (Georgetown University School of Medicine).

The effects of epidural anesthesia on newborn behavior and maternal perceptions. Ann D. Murray, Robyn M. Dolby, Roger L. Naton (Child Development Unit, Sydney, Australia), and David B. Thomas (The Women's Hospital, Sydney, Australia).

The effects of maternal weight gain and smoking during pregnancy on human neonatal behavior. Thomas A. Picone, Lindsay H. Allen, Pauline N. Olsen, Margaret Schramm, and Margaret Ferris (University of Connecticut).

Caesarean Section: Differential impact on newborn behavior. Heloise Als, T.B. Brazelton, B.M. Lester, and C. Landers (Children's Hospital Medical Center, Boston).

(2) PAPER SESSION: **Perception I**

Chairperson: Albert J. Caron (NIMH)

Participants:

Self produced locomotion and the perception of invariant relations: Is there a connection? Bennett I. Benthall (University of Virginia), Joseph J. Campos, and Nancy Benson (University of Denver).

Infants' sensitivity to subjective contours. Bennett I. Benthall (University of Virginia), Marshall M. Haith, and Patty Tucker (University of Denver).

Perception of symmetry in infancy. Marc H. Bornstein, Charles G. Gross, and Kay Ferdinandussen (Princeton University).

Neonates perceive time just like adults. Anthony DeCasper (University of North Carolina, Greensboro).

Scanning of geometric forms in infant Rhesus monkeys. Morton J. Mandelson (McGill University), Marshall M. Haith (University of Denver), and Patricia S. Goldman (Yale University).

Integration of auditory and visual cues in speaker classification by infants. Cynthia L. Miller and Frances D. Horowitz (University of Kansas).

Perceiving solid shape in early infancy: The role of kinetic information. Cynthia J. Owsley (Northwestern University).

A test of theories of infant visual perception in the first two months of life. Sandra L. Pipp (University of Denver).

9<sup>00</sup>-10<sup>15</sup> Plaza Room

(44) PAPER SESSION: **Parent-infant interactions**

Chairperson: Donna Wittmer (Syracuse University)

Participants:

Style of mother-infant and stranger-infant interaction: Consistencies and contrasts. Inge Bretherton and Barbara O'Connell (University of Colorado).

"Micro-Myopia" and the analysis of mother-infant interaction: Cognitive constructions and appropriate levels of explanation. Alan Hayes (University of Queensland, Australia).

Parent-child interaction in home and laboratory settings. Robert B. Stewart (Oakland University) and Robert L. Burgess (Pennsylvania State University).

Maternal affectionate behavior as related to infant-mother attachment patterns. Russel L. Tracy (University of Texas) and Mary D.S. Ainsworth (University of Virginia).

Preverbal communication: The role of cognitive development and maternal style. Carol Gibb Harding and Roberta Michnick Golinkoff (University of Delaware).

10<sup>15</sup>-11<sup>15</sup> Plaza Room

(45) PAPER SESSION: **Family roles with infants**

Chairperson: Lynn Schilling (Yale University)

Participants:

Effects of maternal age on mothering role. Arlene Ragozin, Robert Basham, Keith Crnic, Mark Greenberg, and Nancy Robinson (University of Washington).

Infant activities in low income homes: Impact of family focused intervention. David B. Connell (Abr Associates, Cambridge, MA), and Jean V. Carow (Research for Children, Palo Alto, CA).

Father-infant and mother-infant interaction in traditional and nontraditional families. Ann M. Frodi, Michael E. Lamb (University of Michigan), Philip Frodi (University of Göteborg, Sweden).

Prediction of successful infant adaptation to daycare. Carolee Howes (Harvard Medical School) and Judith Rubenstein (Tufts Medical School).

10<sup>30</sup>-12<sup>30</sup> Ballroom East

(46) SYMPOSIUM: **Social and cognitive development in Down's syndrome infants**

Chairperson: Michael Lewis (Educational Testing Service)

Participants:

The behaviors of Down's syndrome infants in an early intervention program: A report from a longitudinal investigation. Marci J. Hanson (San Francisco State University).

An organizational view of development in Down's syndrome infants and toddlers. Dante Cicchetti (Harvard University), Serafica C. Serafica (Ohio State University), and George Buterworth (University of Southampton).

The patterning of Down's syndrome infants' social and cognitive responses. Jeanne Brooks-Gunn (Educational Testing Service).

Correlates of developmental progress in handicapped infants and children. Rune J. Si-meonsson and Gail S. Huntington (University of North Carolina, Chapel Hill).

Discussants: Michael Lewis, and Robert Emde (University of Colorado Medical School).



**Sunday, April 13, 1980**

	Ballroom East	Ballroom West	Plaza	Eaton	Trianon
Morning	(42) 9:00-10:30 Paper session Psychophysiology III (46) 10:30-12:30 Symposium Social and cognitive development in Down's syndrome infants	(43) 9:00-10:30 Paper session Sensory processes (47) 10:30-12:30 Symposium The development of basic auditory abilities	(44) 9:00-10:15 Paper session Parent-infant interactions (45) 10:15-11:15 Paper session Family roles with infants (48) 11:15-1:00 Symposium Challenges to the infant mental health clinician		

10<sup>30</sup>-12<sup>30</sup>

Ballroom West

(47) SYMPOSIUM: **The development of basic auditory abilities**

Chairperson: Sandra E. Trehub (University of Toronto)

Participants:

Localization responses in normal and high-risk infants. Darwin W. Muir and Leonard Harris (Queen's University).

Auditory inhibition of infants' reflex-blinks: Enhancement by near-threshold stimuli. W. Keith Berg (University of Florida).

Sensitivity as a function of frequency. Sandra E. Trehub and Dale Bull (University of Toronto).

Masking. Bruce A. Schneider and Dale Bull (University of Toronto).

Discussant: ~~To be announced.~~ Rachel Crifton

11<sup>15</sup>-1<sup>00</sup>

Plaza Room

(48) SYMPOSIUM: **Challenges to the infant mental health clinician**

Chairperson: Edna Adelson (University of Michigan)

Participants:

Infants caregivers and their interaction: A systematic approach to infant assessment. Alicia F. Lieberman (NIMH)

Can a focus on the affectual parent-infant exchanges lead to improved diagnosis and better treatment planning? Edna Adelson.

Can supervision and consultation protect the worker and the work from unrealistic expectations? Robin F. Woods (University of Pittsburgh).



**Friday, April 11, 1980**

	Ballroom East	Ballroom West	Plaza	Eaton	Tricon
<b>Morning</b>	(1) 8:30-10:15 Paper session Perinatal influences (6) 10:15-12:30 Symposium The psychological impact of the Caesarian Section	(2) 8:30-10:30 Paper session Perception I (7) 10:30-11:30 Paper session Intersensory functions (9) 11:30-12:45 Paper session Methods and theories in Piagetian research	(3) 8:30-9:30 Paper session Fathering and infants (5) 9:30-10:30 Paper session Longitudinal studies (8) 10:30-11:45 Paper session Infant social interchanges (10) 11:45-12:30 Paper session Speech perception	(4) 8:30-12:00 Audio-visual presentations	Informal Discussions 9:00-12:00 Temperament
<b>Afternoon</b>	(11) 1:30-3:00 Paper session Perception and pro- cessing of stimulation by high risk infants (17) 3:00-5:00 Symposium Sucking, crying and stimulation of neonates	(12) 1:30-3:30 Symposium Causality: The development of causality (18) 3:30-5:15 Paper session Knowledge of objects and space	(13) 1:30-2:30 Paper session Attachment (15) 2:30-3:30 Paper session Infancy measurement issues (19) 3:30-5:30 Symposium Twenty months: Tran- sition from gesture to word	(14) 1:30-2:45 Paper session Temperament (16) 2:45-4:45 Roundtable: Longitudinal research (20) 4:45-5:30 Paper session Social perception	Informal Discussions
<b>Evening</b>	(21) 8:00-10:00 Symposium Human infancy viewed from the perspective of evolutionary biology	(22) 8:00-10:00 Symposium Infant reactions to emotional signals 12-18 months	(23) 8:00-10:00 Symposium The bi-directionality of attachment	(24) 8:00-10:00 Symposium Inter-Act	Informal Discussions

**No-Host Cocktails**

- Henderson, C. (14)  
Henry, V. (24)  
Heroux, L. (20)  
Hildebrandt, K. (30)  
Hilke, D. (29)  
Himmelfarb, S. (14)  
Hock, E. (14)  
Hofmann, M. (41)  
Hogan, A. (11)  
Hollenbeck, A. (6)  
Holmes, D. (19)  
Holmes, K. (19)  
Homer, J. (1)  
Honig, A. (3), (8), (29)  
Horowitz, F. (2), (15), (29)  
Householder, J. (39)  
Howard, J. (24)  
Howes, C. (45)  
Hubert, N. (9)  
Hunt, J.M. (Banquet)  
Huntington, G. (46)  
Husain, J. (34)  
Huttinger, P. (24)  
Hwang, P. (45)  
Ignatoff, E. (17)  
Ivinskis, A. (25)  
Jacklin, C. (16)  
Jackson, R. (40)  
Jacobs, M. (4)  
Jacobson, S. (36)  
Johnson, D. (20), (38)  
Johnson, K. (15)  
Johnson, W. (28)  
Jones, N. (1)  
Jones, P. (1)  
Jusczyk, P. (10)  
Karmel, B. (11), (18)  
Katz, J. (10)  
Kaye, H. (26)  
Kermoian, R. (27)  
Killamey, J. (3)  
King, J. (28)  
Klehr, K. (39)  
Klein, G. (26)  
Klein, R. (6)  
Klinnert, M. (22)  
Konner, M. (21)  
Kopp, C. (16), (26)  
Krakow, J. (26)  
Kulig, J. (40)  
Kurtzberg, D. (11), (41)  
Lamb, M. (3), (45)  
Landerholm, E. (38)  
Landers, C. (1)  
Langlois, J. (15)  
Lawson, K. (7)  
Leavitt, L. (14), (25)  
Leifer, J. (35)  
Leifer, M. (39)  
Lester, B. (1)
- Levitt, M. (13)  
Lewis, M. (5), (35), (46)  
Lewkowicz, D. (7)  
Lieberman, A. (48)  
Lipsitt, L. (25)  
Lockman, J. (18), (43)  
Lynch, M. (11)  
MacTurk, R. (6)  
Main, M. (22)  
Manning, K. (36)  
Marcus, L. (19)  
Martin, E. (42)  
Martin, L. (31)  
Marton, P. (35)  
Maurer, D. (20)  
Mayer, D. (36)  
McCarrell, N. (18)  
McCarthy, M. (6)  
McClure, A. (5)  
McCluskey, K. (3)  
McDonnell, P. (4), (43)  
McDonough, S. (33)  
McHale, S. (19)  
McKenzie, B. (43)  
McNew, S. (29)  
Measel, C. (17)  
Meier, W. (25)  
Mendelson, M. (2)  
Merkatz, I. (1)  
Messer, D. (34)  
Milewski, A. (26)  
Miller, C. (2), (34)  
Minde, K. (35)  
Miranda, S. (26)  
Moes, E. (9)  
Mohindra, I. (36)  
Morrongiello, B. (40)  
Morse, P. (10), (25), (34)  
Moshé, M. (26)  
Muir, D. (47)  
Murphy, D. (42)  
Murray, A. (1)  
Musick, J. (39)  
Naegele, J. (36)  
Nash, A. (8)  
Nation, R. (1)  
Neisser, U. (7)  
Nelson, K. (19)  
Nelson, M. (25), (42)  
Nicolson, N. (21)  
O'Connell, B. (44)  
O'Connell, J. (19)  
O'Connor, M. (25)  
Oller, D. (10)  
Olsen, P. (1)  
Olson, G. (11)  
Olson, S. (15)  
Oviatt, S. (29)  
Owen, M. (3)  
Owsley, C. (2)
- Paden, L. (40)  
Painter, S. (23)  
Pannabecker, B. (28)  
Parke, R. (3)  
Parmelee, A. (25)  
Pastor, D. (8)  
Pedersen, F. (3), (6)  
Pedersen, J. (8)  
Pederson, D. (26)  
Pettersen, L. (43)  
Pettit, G. (15)  
Pickens, J. (31)  
Picone, T. (1)  
Pildes, R. (25)  
Pipp, S. (2)  
Plomin, R. (27)  
Plummer, B. (24)  
Pohly, S. (18)  
Pollock, S. (1)  
Porges, S. (17), (25), (31)  
Powell, D. (30)  
Power, T. (3)  
Prescott, J. (32)  
Rader, N. (43)  
Ragozin, A. (45)  
Ramey, C. (23)  
Reader, F. (17)  
Resch, R. (38)  
Richards, J. (43)  
Rieser, J. (18)  
Robinson, N. (45)  
Roe, K. (5)  
Rose, S. (7), (11)  
Ross, G. (33)  
Ross, H. (4), (8)  
Roth, C. (39)  
Rothbart, M. (14)  
Rubenstein, J. (45)  
Ruff, H. (11)  
Salapatek, P. (40)  
Sameroff, A. (39)  
Samuels, C. (20)  
Sawin, D. (15)  
Scanlon, J. (1)  
Schechner, S. (33)  
Schilling, L. (45)  
Schmerber, R. (24)  
Schneider, B. (47)  
Schramm, M. (1)  
Sebris, S. (6)  
Segal, R. (4)  
Seifer, R. (39)  
Self, P. (1), (40)  
Serafica, F. (46)  
Sexton, M. (12)  
Shaker, H. (25)  
Shea, S. (43)  
Shepherd, J. (17)  
Sherman, T. (11)  
Sherman-Brown, S. (28)



ICIS gratefully acknowledges the special assistance in the formulation of the program by:

Pat Ackles  
Rachel Bermingham  
Les Cohen  
Sandra Larson  
Sharon Oviatt  
Tom Powers  
Steve Truax

The Program Committee would like to thank the many researchers and professionals who submitted abstracts. We received approximately 350 papers and symposia. Due to program constraints we were able to include only 80 papers and 17 symposia. Unfortunately we had to reject numerous fine abstracts. All abstracts and symposia were reviewed by at least three reviewers, and their reviews determined what was included in the program.

The goal of the second International Conference on Infant Studies, like the first, 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.

The Program Committee

(1) A/s range of state cluster

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(6) C-S effects on the family

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C-S mother - less vigorous play  
up to 2 hrs reactivity

In fathers

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more caregiving

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(32) Carter-Tessop

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**Committees**

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Rose F. Caron, Co-chairperson  
Alice S. Honig, Co-chairperson

Section Chairpersons:  
W. Keith Berg, Psychophysiology  
Rose F. Caron, Basic Processes  
Tiffany Field, Risk Populations  
Alice Honig, Applied and Social

Reviewers:  
Applied and Social  
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Christine Cataldo  
Charles De Stefano  
Tiffany Field  
Karen Freiberg  
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Joseph J. Campos  
Risk Populations  
Tiffany Field  
Gene Anderson  
Anita M. Sostek  
Susan Widmayer  
Sanford Zeskind

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789 7645

789 7858

Leanne

444-6237



**International Conference on  
Infant Studies  
11-13 April 1980  
Sheraton-Park Plaza Hotel  
New Haven, Connecticut**

Stephen W. Forges, PhD  
Department of Psychology  
University of Illinois  
Champaign, Illinois 61820

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