43rd Annual Meeting
Conference Program

November 10-13, 2010

Catamaran Resort Hotel
San Diego, CA
International Society for Developmental Psychobiology

Officers

PRESIDENT
Harlene Hayne
University of Otago, Dunedin, New Zealand

PRESIDENT-ELECT
Michael Myers
Columbia University/NYSPI

PAST PRESIDENT
Gordon Barr
Children’s Hospital of Philadelphia

SECRETARY
Rick Richardson
University of New South Wales

TREASURER
Jack Turman, Jr
University of Nebraska Med Ctr

BOARD MEMBERS
John Freeman
University of Iowa

Michael Goldstein
Cornell University

Akaysha Tang
University of New Mexico

PROGRAM DIRECTOR
Rachel Barr
Georgetown University

CONFERENCE COORDINATOR
Leigh Bacher
State University of New York, Oswego

FEDERATION REPRESENTATIVE
Doree Fragaszy
University of Georgia

AAALAC REPRESENTATIVE
Susan Gans
West Chester University

STUDENT MEMBER REPRESENTATIVES
Amy Jo Marcano-Reik
University of Iowa

Chris Harshaw
Indiana University

WEBMASTER
Marianne Van Wagner
ISDP Central Office

HISTORIANS
William Shoemaker
University of Connecticut Health Centre

Rebecca Foushee
Fontbonne University
### INTERNATIONAL PERINATAL BRAIN AND BEHAVIOR NETWORK - 5TH ANNUAL MEETING

**Topic:** WHAT CAN WE LEARN FROM PRETERM INFANTS ABOUT FETAL DEVELOPMENT?
Sam Doesburg, University of British Columbia with Ruth Grunau, University of British Columbia
Hugo Lagercrantz, Karolinska Institute, Stockholm

**Discussant:** Stanley Graven, University of South Florida

**Discussion Leader:** Jeffrey Alberts, Indiana University

**Website:** [www.ipbbn.org](http://www.ipbbn.org)

**Contact:** Christine Moon mooncm@plu.edu

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00-6:00</td>
<td>Preconference</td>
</tr>
<tr>
<td>4:30 – 7:30</td>
<td>Registration (see page 16 for other times to register and for times for speakers to load talks) Location: Kon Tiki Ballroom Foyer</td>
</tr>
<tr>
<td>7:00 – 8:25</td>
<td>WILEY EDITORIAL BREAKFAST: Rousseau Center</td>
</tr>
<tr>
<td>8:00 – 8:30</td>
<td>CONTINENTAL BREAKFAST AND COFFEE/TEA: Kon Tiki Ballroom Foyer</td>
</tr>
<tr>
<td>8:00 – 8:30</td>
<td>STUDENT/POST-DOC BREAKFAST CHAT SESSION: Toucan Room</td>
</tr>
<tr>
<td>8:30 – 10:00</td>
<td>SYMPOSIUM: EARLY EXPERIENCES AND LATER MENTAL HEALTH Chair: Sonia Cavigelli</td>
</tr>
<tr>
<td>8:30</td>
<td>IDENTIFYING FEARFUL TEMPERAMENT IN INFANCY Nathan A. Fox, University of Maryland</td>
</tr>
<tr>
<td>8:50</td>
<td>THE CONTRIBUTION OF CHILDHOOD TRAUMA TO THE NEUROBIOLOGY OF DEPRESSION Christine M. Heim, Emory University</td>
</tr>
<tr>
<td>9:10</td>
<td>MATERNAL DEPRESSION, ANXIETY, AND ANTIDEPRESSANT TREATMENT DURING PREGNANCY INFLUENCES OFFSPRING NEUROBEHAVIORAL DEVELOPMENT FROM LATE GESTATION THROUGH THE FIRST YEAR OF LIFE Amy L. Salisbury, Brown University</td>
</tr>
<tr>
<td>9:30</td>
<td>MATERNAL-NEONATE INTERACTIONS AND SIBLING VARIANCE IN ANXIETY-RELATED SYMPTOMS IN RODENTS Sonia A. Cavigelli &amp; Christina M. Ragan Pennsylvania State University</td>
</tr>
</tbody>
</table>
10:30 – 12:30  **ORAL SESSION 1: EARLY LIFE STRESS AND REGULATION OF CORTISOL**  
Chair: Pamela Hunt

10:30  **ALLOSTATIC LOAD IN THE CONTEXT OF POVERTY IN EARLY CHILDHOOD**  
C. Blair, C. Raver, D. Granger, R. Mills-Koonce & L. Hibel

10:45  **EXPOSURE TO INTIMATE PARTNER VIOLENCE AND THE DEVELOPMENT OF ADRENOCORTICAL REACTIVITY AND RECOVERY ACROSS THE FIRST TWO YEARS OF LIFE**  
L. Hibel, D. Granger & C. Blair

11:00  **LATENT PROFILES OF INFANT ANS ACTIVITY IN A HIGH RISK SAMPLE**  
K. Voegtline, C. Stifter & D. Granger

11:15  **CORTISOL RESPONSE AND NEGATIVE TEMPERAMENTAL REACTIVITY IN INFANCY AND TODDLERHOOD ARE ASSOCIATED WITH ANTENATAL MATERNAL CORTISOL AND ANXIETY**  
B.R.H. Van Den Bergh, A. Simons, K. Allegaert, J. Verhaeghe & S. Claes

11:30  **EARLY-LIFE STRESS RESULTS IN PRECOCIOUS EMERGENCE OF RENEWAL AND REINSTATEMENT EFFECTS, AND EARLY INVOLVEMENT OF GABA IN FEAR EXTINCTION IN THE DEVELOPING RAT**  
B.L. Callaghan & R. Richardson (Travel Award)

11:45  **EARLY POSTNATAL SYMPTOMS OF MATERNAL DEPRESSION ARE NEGATIVELY CORRELATED WITH ONE-YEAR NEUROBEHAVIORAL OUTCOME OF PRETERM INFANTS**  
A. Izraelit, R.I. Stark, W.P. Fifer & M.M. Myers (Travel Award)

12:00  **CORTISOL LEVELS IN RELATION TO MATERNAL INTERACTION AND CHILD INTERNALIZING BEHAVIOR IN PRETERM AND FULL TERM CHILDREN AT 18 MONTHS CORRECTED AGE**  
S. Brummette, R.E. Grunau, A. Zaidman-Zait, J. Weinberg, D. Nordstokke & I.L. Cepeda (Travel Award)

12:15  **ATTENUATED CORTISOL AS A RISK FACTOR FOR INTERNALIZING SYMPTOMS IN PRESCHOOLERS**  
L.S. Badanes & S.E. Watamura

12:30 – 2:00  **MID-DAY BREAK**

12:30 – 2:00  **BOARD MEETING WITH PAST PRESIDENTS:**  
East/West Boardroom

2:00 – 3:30  **SYMPOSIUM: MATERNAL SUPPORT OF INFANT BEHAVIOR**  
Chairs: Lana Karasik & Vanessa LoBue

2:00  **ACOUSTIC SCAFFOLDING: THE ROLE OF CAREGIVER RESPONSIVENESS IN LEARNING TO TALK**  
Michael H. Goldstein, Cornell University

2:20  **MATERNAL SUPPORT OF INFANTS’ MOTOR SKILLS IN SIX COUNTRIES**  
Lana B. Karasik & Marc H. Bornstein, NICHD

2:40  **INFANTS’ USE OF MOTHERS’ MESSAGES IN RISKY MOTOR SITUATIONS**  
Karen E. Adolph & Catherine S. Tamis-LeMonda, New York University

3:00  **MOTHER’S GUIDANCE OF INFANT’S BEHAVIORAL EXPLORATION OF TOYS AND ANIMALS**  
Vanessa LoBue, New York University
3:30 – 4:00  Related Presentations

3:30  MATERNAL SENSITIVITY INFLUENCES TODDLER ATTENTION AND PRELINGUISTIC COMMUNICATIVE BEHAVIOR
J. Gros-Louis & J. Miller

3:45  CHILDREN'S NEURAL RESPONSE TO MOTHER'S FACE: EFFECTS OF EARLY CAREGIVING EXPERIENCES
M. Shapiro, E. Telzer, M. Mayo & N. Tottenham

4:00 – 4:30  AFTERNOON BREAK

4:30 – 5:15  AWARDS SYMPOSIUM
Chair: Rachel Barr

4:30  DISSERTATION AWARD
MOTHERS ENHANCE INFANTS' 2D-3D TRANSFER OF LEARNING: THE ROLE OF EMOTIONAL RESPONSIVENESS AND MATERNAL STRUCTURING
Elizabeth A. Zack, Georgetown University
Advisor: Rachel Barr

4:50 – 5:15  SANDRA G. WIENER AWARDS

4:50  INFLUENCES OF THE SUPRACHIASMATIC NUCLEUS ON ULTRADIAN AND CIRCADIAN RHYTHMS OF SLEEP AND WAKEFULNESS IN INFANT RATS
Andrew Gall, University of Iowa

5:05  INTERLIMB YOKE TRAINING ALTER FORELIMB COORDINATION DURING LEMON-EVOKED FACIAL WIPING IN NEONATAL RATS
Valerie Mendez-Gallardo, University of Iowa

5:15 – 7:15  POSTER SESSION 1 (Cash Bar): Aviary Ballroom

1  INDIVIDUAL DIFFERENCES IN CORTISOL RESPONSE PREDICT DIFFERENCES IN ADJUSTMENT TO COLLEGE
S.E. Gans & V.K. Johnson

2  EARLY RISK AND HPA AXIS ACTIVATION
I.Y. Pikovsky & S.E. Watamura

3  MENTAL STRESS AND HEART RATE VARIABILITY DURING THE FIRST PREGNANCY TRIMESTER

4  INFANT REACTIVITY AND REGULATION DURING A FEAR AROUSING TASK PREDICT LATER EXECUTIVE FUNCTION
A. Ursache & C. Blair

5  REPEATED, SHORT-TERM SUBCUTANEOUS INJECTION OF CORTICOSTERONE PRODUCES LASTING EFFECTS ON TRACE EYEBLINK CONDITIONING
D.I. Claflin, C.L. Wentworth-Eidsaune & M.B. Hennessy

6  EFFECTS OF NOVELTY EXPOSURE ON PLASTICITY OF ACOUSTIC STARTLE RESPONSE–MODULATION BY MATERNAL STRESS PHYSIOLOGY
H. Jiang, Z. Yang, A.A. Chen, Y. Zhang, R.D. Romeo, B.S. McEwen & A.C. Tang (Travel Award)

7  ANTENATAL MATERNAL ANXIETY IS ASSOCIATED WITH ALTERED COGNITIVE CONTROL IN FIVE-YEAR-OLD CHILDREN
E.M. Loomans, O. van der Stelt, M. van Eijsden, R.J.B.J. Gemke, T. Vrijkotte & B.R.H.M. van den Bergh
ATTACHMENT STYLE AS A PREDICTOR OF PHYSIOLOGICAL STRESS DURING PREGNANCY
W. Marquis, M.T. Kinsella, L. Kurzius, A.P. Vazzano, E. Werner & C. Monk.

MODULATION OF ETHANOL INDUCED Locomotor Stimulation by Baclofen in Adolescent and Adult Mice
E.M. Moore, L.C. Meln, B.L. Schneider, K.N. Wray & S.L. Boehm II (Travel Award)

DIFFERENT REGIMENS OF CHRONIC ETHANOL EXPOSURE IN ADOLESCENT AND ADULT RATS: EFFECTS ON TOLERANCE TO ETHANOL-INDUCED MOTOR IMPAIRMENT
M.A. Broadwater, E.I. Varlinskaya & L.P. Spear (Travel Award)

DEFICITS IN TRACE FEAR CONDITIONING INDUCED BY NEONATAL ALCOHOL EXPOSURE PERSIST INTO ADULTHOOD
W.B. Schreiber, A. Pudasaini & P.S. Hunt (Travel Award)

SUPPLEMENTAL CHOLINE DOES NOT MITIGATE DEFICITS IN OLFACTORY HABITUATION IN AN ANIMAL MODEL OF FETAL ALCOHOL EXPOSURE
P.S. Hunt, S. Kim & S.E. Jacobson

PRENATAL EXPOSURE TO ETHANOL BLUNTS AROUSAL DURING EXPOSURE TO INTERMITTENT HYPOXIA
R.A. Darnall, R.W. Schneider & C.M. Tobia

CONTEXTUAL LEARNING DEFICITS IN ADULT RATS EXPOSED TO A BINGE DOSE OF ALCOHOL DURING THE NEONATAL PERIOD ARE REHABILITATED BY EXERCISE FOLLOWED BY REARING IN A COMPLEX ENVIRONMENT

THE SYNERGISM BETWEEN ETHANOL AND STRESS IS MEDIATED BY CRF1 RECEPTORS IN PREWEANLING RATS
C. Arias, A.C. Solari, J.C. Molina & N.E. Spear
STRESS DURING SOCIAL INTERACTIONS WITH MOTHER: WINDOW OF VULNERABILITY FOR DYSFUNCTIONAL NEUROBEHAVIORAL DEVELOPMENT  
C. Raineki, S. Moriceau & R.M. Sullivan (Travel Award)

DEVELOPMENTAL CHANGES IN FUNCTIONAL CONNECTIVITIES OF THE AMYGDALA DURING CONDITIONED AND UNCONDITIONED FEAR  
R. Bisaz, R.M. Sullivan & D. Wilson (Travel Award)

INFANT SOCIAL BEHAVIOR DYSFUNCTION PREDICTS ADOLESCENT DEPRESSIVE- AND ANXIETY-LIKE BEHAVIORS  
M. Rincon Cortes, C. Raineki, S. Moriceau & R.M. Sullivan (Travel Award)

WITHIN-LITTER VARIANCE IN MATERNAL AND NEONATE BEHAVIOR PREDICTS ADULT SIBLING VARIANCE IN ANXIETY-RELATED BEHAVIOR AND SERT mRNA EXPRESSION IN RATS  
C.M. Ragan, E. Loken & S.A. Cavigelli (Travel Award)

THE CONNECTION BETWEEN THE MEDIAL PREFRONTAL CORTEX, AMYGDALA AND PERIAQUEDUCTAL GRAY IN INNATE FEAR PROCESSING DURING ONTOGENY  
T. Chan, K. Kyere, C.F. Oliver, J. Madrid, C. Schubmehl, A. Chemiakine, H. Shair & C.P. Wiedenmayer (Travel Award)

EFFECTS OF PREDICTABLE VS. UN-PREDICTABLE AVERSIVE LEARNING EARLY IN DEVELOPMENT ON ADULT FEAR CONDITIONING  
D.-O. Seo & M.H. Monfils

TEMPERAMENT-ASSOCIATED DIFFERENCES IN RAT IMMUNE RESPONSES - NEOPHobic AND NEOPHILIC RATS  
K.C. Michael, S.A. Cavigelli & R.H. Bonneau

SEX DIFFERENCES IN BASAL AND NOVELTY-EVOKED CORTICOSTERONE AND BEHAVIOR IN RATS  

MAGNETIC RESONANCE SPECTROSCOPY (MRS): A NON-INVASIVE BIOMARKER FOR DEVELOPMENTAL NEUROPATHOLOGY  

THE EFFECT OF NUTRITION EDUCATION ON CHILDREN’S HEALTHY FOOD CHOICES.  
C.A. Forestell, J.M. Schindler & D. Corbett

ASSESSING THE AFFECTIVE COMPONENT OF PAIN IN THE INFANT  
P.J. Singh, D. Hunter & G.A. Barr

EFFICACY OF FAMILY NURTURE INTERVENTION IN THE NICU: A MID-TERM REPORT OF NEUROBEHAVIORAL EFFECTS ON MOTHERS AND PRE-TERM INFANTS  

MATERNAL EMOTIONAL AVAILABILITY IN RELATION TO INTERNALIZING BEHAVIOR AT 18 MONTHS IN CHILDREN BORN VERY PRETERM  
J. Vinall, R.E. Grunau & S.P. Miller

CUMULATIVE NEONATAL PAIN PREDICTS BEHAVIORS DURING COGNITIVE CHALLENGE IN CHILDREN BORN VERY PRETERM AT AGE 4.5 YEARS  
R.E. Grunau, J. Petrie Thomas, A. Synnes & M.F. Whitfield

CONTINUITY IN NEONATAL REGULATION: NEWBORN HEART RATE-MOVEMENT COUPLING PREDICTS INFANT TEMPERAMENT AT 4 MONTHS  
E.A. Werner, M.T. Kinsella, L. Evans & C. Monk

GREATER SATISFACTION WITH SOCIAL SUPPORT IS ASSOCIATED WITH DECREASED BLOOD PRESSURE IN ADOLESCENT PREGNANCY  
L. Kurzius, M.T. Kinsella, W. Marquis, A.P. Vazzano, E.A. Werner & C. Monk
40 INFANT AFFECT MODERATES THE RELATIONSHIP BETWEEN MATERNAL SENSITIVITY AND RSA CHANGE DURING CHALLENGE AT 6 MONTHS

41 DEVELOPMENTAL COMPARATIVE EXPLORATION OF THE NEURAL MECHANISMS UNDERLYING PHASE PREFERENCE IN DIURNAL NILE GRASS RATS AND NOCTURNAL NORWAY RATS
W.D. Todd, A.J. Gall & M.S. Blumberg (Travel Award)

42 VARIANCES IN DIURNAL PATTERNS OF FATIGUE AND MOOD AMONG POSTPARTUM MOTHERS
A.L. McBean & H.E. Montgomery-Downs (Travel Award)

43 INTERACTIONS AMONG SLEEP STATE, BODY POSITION AND CIRCULATORY CONTROL IN LOW BIRTH WEIGHT INFANTS
T.C. Daniels, W.P. Fifer, M.M. Myers & R. Sahni (Travel Award)

44 IN NEWBORN RABBITS POSITION IN THE LITTER HUDDLE IS ASSOCIATED WITH DIFFERENTIAL METABOLISM OF BROWN ADIPOSE TISSUE
H. Perez-Roldan, R. Hudson, F. Castelan, M. Martinez-Gomez & A. Bautista

45 A THERMOGRAPHIC AND BEHAVIORAL STUDY OF HUDDLING IN C57BL/6 MOUSE PUPS
C. Harshaw & J.R. Alberts (Travel Award)

46 COMPETITION AMONG NEWBORN RABBITS FOR THERMALLY ADVANTAGEOUS POSITIONS IN THE LITTER HUDDLE IS ASSOCIATED WITH LONG TERM DIFFERENCES IN BEHAVIOR AND PHYSIOLOGY
V. Reyes-Meza, L. Nickols, M. Martinez-Gomez, R. Hudson & A. Bautista (Travel Award)

FRIDAY, NOVEMBER 12
KON TIKI BALLROOM

8:00 – 8:30 CONTINENTAL BREAKFAST AND COFFEE/TEA

8:30 – 10:30 ORAL SESSION 2: ATTENTION, LEARNING AND MEMORY
Chair: Julien Gross

8:30 LEARNING DURING NEWBORN SLEEP: BEHAVIORAL AND EEG RESPONSES

8:45 INDIVIDUAL DIFFERENCES IN EARLY ASSOCIATIVE LEARNING PREDICTS BEHAVIORAL AND NEURAL CORRELATES OF HUMAN INFANT SOCIAL ENGAGEMENT DURING THE FIRST YEAR OF LIFE
B.C. Reeb-Sutherland, J.G. Suway, E.A.D. Hammock, P. Levitt & N.A. Fox (Travel Award)

9:00 THE DEVELOPMENT OF LEARNING FROM MULTIPLE SOURCES: SALIENCE, PREDICTION, AND COGNITIVE FLEXIBILITY
D. Amso, J. Davidow & B. Kramer

9:15 AUDITORY EVENT-RELATED POTENTIAL MEASURES OF TIME PROCESSING IN TWO-MONTH-OLD INFANTS

9:30 ONTOGENY OF AVERSIVE LEARNING: CRITICAL IMPACT OF SYNCHRONIZED PREFRONTAL AND LIMBIC NETWORK ACTIVITY
K. Braun, Gruss, J. Bock, V. Korz & A. Riedel

9:45 USING SPONTANEOUS EYE BLINKING TO ANSWER PSYCHOBIOLOGICAL QUESTIONS IN INFANCY
L.F. Bacher
10:00 SPONTANEOUS TRANSITIONS BETWEEN CRAWLING AND SITTING POSTURES DURING INFANT LOCOMOTION

10:15 CHILDREN'S SEARCH BEHAVIOUR IN RELATION TO TARGET CONSPICUITY AND SPATIAL DISTRIBUTION
M.F. Rosetti, L. Pacheco-Cobos, H. Larralde & R. Hudson

10:30 – 11:00 MORNING BREAK

11:00 – 12:15 JOHN WILEY BEST STUDENT PAPER
To be announced by: Michael Hennessy

JOHN WILEY DISTINGUISHED SPEAKER
Chair: Harlene Hayne
Wiley Representative: Joe Ingram

THE BIOLOGICAL LEGACY OF PSYCHOSOCIAL ADVERSITY: LESIONS FROM THE LIFECOURSE
Richie Poulton, Dunedin Multidisciplinary Health and Development Research Unit, University of Otago, Dunedin, New Zealand

12:15 – 1:45 MID-DAY BREAK

12:15 – 1:45 MEET THE PROFESSORS LUNCH: William D. Evans (adjacent to meeting room on dock)

1:45 – 3:15 SYMPOSIUM: TREATMENTS FOR FETAL ALCOHOL SPECTRUM DISORDERS: NOVEL PHARMACOLOGICAL, NUTRITIONAL, AND ENVIRONMENTAL INTERVENTIONS FROM BASIC SCIENCE
Chairs: Susan Barron & Jennifer Thomas

1:45 BLOCKADE OR REDUCTION OF POLYAMINES IMPROVES OUTCOME FOLLOWING NEONATAL ETHANOL EXPOSURE IN RATS
S. Barron, K.A. Wellmann, B. Lewis, L. Carter & M. Carter

2:05 RESTORING NEURONAL PLASTICITY IN MODELS OF FETAL ALCOHOL SPECTRUM DISORDERS

2:25 CHOLINE AS A TREATMENT FOR FETAL ALCOHOL SPECTRUM DISORDERS
J.D. Thomas, N. Idrus, B. Monk, J. Happer & R. Isayama

2:45 EFFECTS OF EXERCISE ON ADULT HIPPOCAMPAL NEUROGENESIS IN TWO MODELS OF FASD
B. Christie, J. Gil-Mohapel, P. Brocardo, F. Boehme, A. Patten, J. Helfer, H. Sickmann & A. Titterness

3:05 Discussant: Christina Chambers

3:15 – 4:00 Related Presentations

3:15 THE EFFECT OF NEONATAL ETHANOL ON CONDITIONED TASTE AVERSION LEARNING IN PREWEANLINGS
S.S. Miller, L. Darnieder, D. Lynn & N.E. Spear (Travel Award)

3:30 EFFECTS OF ADOLESCENT EXPOSURE TO SWEET TASTES ON ENERGY BALANCE IN RATS
S.E. Swithers, A.F. Laboy, S. Ogden & T.L. Davidson

4:00 – 4:30 AFTERNOON BREAK

4:30 – 5:30 PRESIDENTIAL ADDRESS
Chair: Michael Myers

FROM BASIC SCIENCE TO PUBLIC GOOD: THE IMPORTANCE OF DEVELOPMENTAL RESEARCH
Harlene Hayne, University of Otago, Dunedin, New Zealand
10 CAN REMINDERS BE USED TO REACTIVATE FORGOTTEN MEMORIES FROM BOOKS DURING TODDLERHOOD?  
N. Brito, P. McIntyre, D. Dougherty, R. Barr & G. Simcock  
(Travel Award)

11 THE VIDEO DEFICIT EFFECT: LEARNING THE MEANS AND THE ENDS FROM LIVE AND VIDEO DEMONSTRATIONS  
K. Dickerson, P. Gerhardstein, E. Zack & R. Barr

12 BEHAVIORAL AND ELECTROPHYSIOLOGICAL INDICES OF LEARNING IN 14-MONTH-OLD INFANTS: DEFERRED IMITATION CORRELATES WITH THE NC COMPONENT  
M. Heimann, E. Nordqvist, M. Johansson & M. Lindgren

13 THE ROLE OF VERBAL REMINDERS IN CHILDREN’S MEMORY RETRIEVAL  
K. Imuta, J. Gross & H. Hayne  
(Travel Award)

14 HANDS-ON PRACTICE FACILITATES 18-MONTH-OLD INFANTS’ LEARNING FROM TELEVISION  
S. Seehagen, J. Gross, N. Davis, H. Hayne & J.S. Herbert  
(Travel Award)

15 LIMITATIONS ON Imitation: socially guided vocal learning in the zebra finch  
M.H. Goldstein, O. Menyhart & T.J. Devoogd

16 RELATIONS BETWEEN MATERNAL RESPONSIVENESS AND INFANT CONTINGENCY LEARNING IN SOCIAL AND NONSOCIAL TASKS  
F.R. Kirkpatrick, J.A. Schwade & M.H. Goldstein

17 socially guided attention influences learning  
J.L. Miller  
(Travel Award)

18 MATERNAL RESPONSIVENESS TO INFANTS’ BABBLING PREDICTS CANALIZATION OF VOCAL LEARNING IN PRELINGUISTIC INFANTS  
R.R. Albert, J.A. Schwade & M.H. Goldstein  
(Travel Award)

19 THE GEOMETRY OF SOCIAL PERCEPTION IN THE HEIDER-SIMMEL TASK: A PRELIMINARY REPORT  
E.P. Charles, M. Singer & L. Rudolph
20 AMOUNT OF ENRICHED REARING AFFECTS BOBWHITE QUAIL CHICKS’ SPACIAL EXPLORATION OF A NOVEL ENVIRONMENT
M. Bechor, J. Herrington & R. Lickliter (Travel Award)

21 ESTABLISHING A NOVEL MODEL OF INFANTILE AMNESIA USING EYEBLINK CLASSICAL CONDITIONING IN THE DEVELOPING RABBIT
K.L. Brown & D.S. Woodruff-Pak (Travel Award)

22 DELAY VS. TRACE DISCRIMINATION IN EYEBLINK CONDITIONING: ONTOGENY AND EFFECT OF NEONATAL ETHANOL EXPOSURE
R.E. Perry, F.L. Schiffino & M.E. Stanton (Travel Award)

23 DEVELOPMENTAL EMERGENCE OF DELAY EYEBLINK CONDITIONING WITH A VIBRATION OR TONE CONDITIONED STIMULUS
M.E. Goldsberry, M.E. Elkin & J.H. Freeman (Travel Award)

24 DEVELOPMENTAL EMERGENCE OF TRACE EYEBLINK CONDITIONING WITH A VIBRATION OR TONE CONDITIONED STIMULUS
T.C. Harmon, K.H. Ng, M.E. Goldsberry & J.H. Freeman (Travel Award)

25 THE EYES DON'T ALWAYS HAVE IT: AS INFANTS GROW THEY SHIFT THEIR ATTENTION TO THE MOUTH OF A TALKING FACE
D.J. Lewkowicz & A. Hansen

26 A LONGITUDINAL COMPARISON BETWEEN THE FETAL RESPONSE TO LIVE AND RECORDED MATERNAL SPEECH
C. Krueger

27 PRELIMINARY ANALYSIS OF THE RESPONSE TO REPEATED MATERNAL SPEECH: A DEVELOPMENTAL COMPARISON OF THE FETUS AND PRETERM INFANT

28 PRENATAL EXPOSURE TO HYPERARTICULATED SPEECH MAY INFLUENCE NEONATAL VOWEL PERCEPTION: A CONTROL STUDY
J. Serles, C. Moon, H. Lagercrantz & P.K. Kuhl

29 FETAL CONSONANT AND VOWEL DISCRIMINATION FOLLOWING PRENATAL SELECTIVE SEROTONIN REUPTAKE INHIBITOR ANTIDEPRESSANT (SSRI) EXPOSURE IN THE THIRD TRIMESTER

30 SELECTIVE ATTENTION DURING PRENATAL DEVELOPMENT: REDUNDANCY ACROSS AUDITORY AND VIBRO-TACTILE STIMULATION FACILITATES LEARNING IN QUAIL EMBRYOS
J. Vaillant, C. Harshaw, M. Jaime, L.E. Bahrick & R. Lickliter

31 EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN MATERNAL BODY MASS INDEX AND FETAL SPONTANEOUS MOVEMENTS
W. Jiang & B.S. Kisilevsky

32 LEFT HAND SPECIALIZATION FOR REACHING IN 5-MONTH-OLD Rhesus MONKEYS: EVIDENCE FROM 2-D MOTION ANALYSIS
E.L. Nelson, M.C. Braun, N.E. Berthier, M.F. Novak, S.J. Suomi & M.A. Novak (Travel Award)

33 ASSESSING THE DEVELOPMENTAL TRAJECTORY OF INFANT LATERALIZED HAND-USE WITHOUT USING AGE
I. Babik, J.M. Campbell & G.F. Michel (Travel Award)

34 The RELATION OF INFANT HANDEDNESS TO PARENTAL HANDEDNESS
J.M. Campbell, I. Babik, O. Taras & G.F. Michel (Travel Award)

35 HERD BEHAVIOR OF THE INDIVIDUAL IAF HAIRLESS GUINEA PIG (CAVIA PORCELLUS)
P. Joshi, J.S. Brewer, A.D. Downs & G.A. Kleven

36 L-DOPA REVERSES DOPAMINE-DEPENDENT BEHAVIORAL DEFICITS IN THE PITX3 MOUSE FETUS
H.M. Booth, C.M. McGlone, A.E. Ronca & G.A. Kleven
Prenatal Behavioral Development of the Pitx3 Mouse Fetus Reveals Dopamine-Dependent Deficits

The Developmental Pattern of Glaucoma in the DBA/2J Mouse
A.A. Wong & R.E. Brown

Step by Step: Developmental Changes in Spontaneous Walking

Tight Squeeze: Infants’ Motor Decisions Reflect Consequences for Errors
J.M. Franchak & K.E. Adolph (Travel Award)

Go Naked: Effects of Diapers on Infant Walking
W.G. Cole, J.M. Lingeman, M. Komati & K.E. Adolph (Travel Award)

The Kiddy Carousel: Visual Exploration During Active and Passive Locomotion
K.S. Kretch & K.E. Adolph (Travel Award)

Effects of Perinatal Experience on Motor Coordination in Newborn Rats
M.E. Roberto, B.J. Livesay & M.R. Brumley (Travel Award)

Developmental Changes in Hindlimb Coordination During the Leg Extension Response Evoked by Anogenital Stimulation
M.A. Vineyard, M.M. Strain, M.E. Roberto & M.R. Brumley (Travel Award)

Posture Modulates Quipazine-Induced Air-Stepping Behavior in the Newborn Rat
S.D. Harris, M.E. Roberto & M.R. Brumley (Travel Award)

The Development and Sensory Regulation of Stepping Behavior in the Newborn Rat
M.M. Strain & M.R. Brumley

Changes in Motor Patterns After a Neurodevelopment Intervention in Children with Neurological Risk Factor
H.J. Pelayo, V. Reyes, L. Quintanar & Y. Solovieva

Visually Guided Reaching: Parallels Between Human A+b3nd Non-Human Primates
J.M. Lingeman, A. Pham, K.C. Soska, K.E. Adolph, K. Rosander, C. Von Hofsten & L. Kiorpes (Travel Award)

Emergence of Personality in Kittens: A Qualitative Approach to Detecting Individual Behavioral Differences Among Littermates During the First Postnatal Month
R. Hudson, M. Guarneros, A. Rodriguez & G. Raihani

8:00 – 10:00 STUDENT SOCIAL: Moray’s Lounge
Food and Cash Bar

SATURDAY, NOVEMBER 13
KON TIKI BALLROOM

8:00 – 8:30 CONTINENTAL BREAKFAST AND COFFEE/TEA

8:30 – 10:30 SACKLER SYMPOSIUM: IN MEMORY OF CHRISTOPH P. WIEDENMAYER– STRESS, FEAR AND TRAUMA: A COMPARATIVE LIFESPAN APPROACH

8.30 Chair: Gordon Barr. Introductory Remarks

8.40 Neonatal Pain Is Linked to Long-Term Alterations in Stress Regulation in Infants Born Extremely Preterm
Ruth Eckstein Grunau, University of British Columbia

9:05 Early Life Maltreatment Links to Social Behavior and Amygdala Dysfunction
Regina Sullivan, Nathan Kline Institute & NYU School of Medicine
9:30 WHAT IS HIPPOCAMPAL MATURITY IN THE CONTEXT OF FEAR LEARNING?  
Patricia A. Kabitzke, City University of New York

9:55 SEX, STRESS AND BRAIN MECHANISMS OF COGNITION AND EMOTION  
Bruce McEwen, Rockefeller University

10:30 – 11:00 MORNING BREAK

11:00 – 12:00 ORAL SESSION 3: SLEEP AND REGULATION  
Chair: Jane Herbert

11:00 MATERNAL POSTPARTUM SLEEP AND PSYCHOMOTOR PERFORMANCE  
S.P. Insana, K.B. Williams & H.E. Montgomery-Downs (Travel Award)

11:15 POSTPARTUM FEEDING METHODS AND MATERNAL SLEEP DISTURBANCE  
E.E. Santy, H.M. Clawges & H.E. Montgomery-Downs (Travel Award)

11:30 EXPERIENTIAL AND NEUROENDOCRINE DETERMINANTS OF FILIAL, ODOR-GUIDED HUDDLING IN YOUNG RATS  
S. Kojima & J.R. Alberts (Travel Award)

11:45 BEYOND DREAMS: DO SLEEP-RELATED MOVEMENTS CONTRIBUTE TO BRAIN DEVELOPMENT?  
M. Blumberg

12:00 – 12:15 BEST POSTER AWARD  
Presenter: Michael Myers

12:15 – 1:00 BUSINESS MEETING - ALL INVITED  
End of ISDP Conference

ISDP Central Office  
8181 Tezel Road, #10269  
San Antonio, TX 78250

Phone: 830-796-9393  
Fax: 830-796-9394  
Toll-free from within the US: 866-377-4416

Email: isdp@isdpcentraloffice.org

http://www.isdp.org
CONTACTS

Affiliations and Email Addresses for Presenting Authors and Officers

Adolph, Karen
New York University
karen.adolph@nyu.edu

Albert, Rachel
Cornell University
mr238@cornell.edu

Amso, Dima
Brown University
Dima_Amso@brown.edu

Anderson, Rachel
Binghamton University
randers1@binghamton.edu

Arias, Carlos
Instituto de Investigacion Mercedes y Martin Ferreyra
afelicidade@yahooomail.com

Babik, Iryna
UNCG
irbabik@gmail.com

Bacher, Leigh
Oswego State University
leigh.bacher@oswego.edu

Badanes, Lisa
University of Colorado Denver
LISA.BADANES@ucdenver.edu

Bailoo, Jeremy
Univ of North Carolina, Greensboro
jdbailoo@uncg.edu

Barr, Gordon A.
Children’s Hospital of Philadelphia
barrg@email.chop.edu

Barr, Rachel
Georgetown University
rfb5@georgetown.edu

Barron, Susan
University of Kentucky
sbarron@uky.edu

Bisaz, Reto
Nathan Kline Institute
rbisaz@nki.rfmh.org

Blair, Clancy
New York University
cbb5@nyu.edu

Blumberg, Mark
University of Iowa
mark-blumberg@uiowa.edu

Bodnar, Tamara
University of British Columbia
tammy_b@interchange.ubc.ca

Booth, Heather
Wright State University
gale.kleven@wright.edu

Braeken, Marijke
Tilburg University
M.Braeken@uvt.nl

Braun, Anna Katharina
Otto von Guericke University
katharina.braun@ovgu.de

Brito, Natalie
Georgetown University
natalie.brito@gmail.com

Broadwater, Margaret
Binghamton University
mmbroadw1@binghamton.edu

Brown, Richard E.
Dalhousie University
rebrown@dal.ca

Brown, Kevin
Temple University
brownkev@temple.edu

Brumley, Michele
Idaho State University
brummich@isu.edu

Brummetle, Susanne
University of British Columbia
sbrummetle@cw.bc.ca

Callaghan, Bridget
University of New South Wales
b.callaghan@unsw.edu.au

Campbell, Julie
University of North Carolina Greensboro
jmcampb2@uncg.edu

Cavigelli, Sonia
Pennsylvania State University
sac34@psu.edu

Chambers, Christina
UCSD
chchambers@ucsd.edu

Chan, Thomas
New York Psychiatric Institute
tchan217@gmail.com

Charles, Eric
Penn State Altoona
epc2@psu.edu

Claffin, Draga
Wright State University
dragana.claffin@wright.edu

Christie, Brian R.
University of Victoria
brain64@uvic.ca

Cole, Whitney
New York University
wgc217@nyu.edu

Daniels, Thomas
Columbia University
danith02@gettysburg.edu

Darnall, Robert
Dartmouth Medical School
robert.a.darnall@dartmouth.edu

Dickerson, Kelly
Binghamton University
kdicker1@binghamton.edu

Doree, Robert
University of Georgia
Dooree@uga.edu

Franchak, John
New York University
franchak@nyu.edu

Freeman, John
University of Iowa
john-freeman@uiowa.edu

Gall, Andrew
University of Iowa
andrew-gall@uiowa.edu
Miller, Stacie  
Binghamton University  
smiller9@binghamton.edu

Miller, Jennifer  
Indiana University  
jim19@indiana.edu

Monfils, Marie H.  
University of Texas at Austin  
Marie.monfils@gmail.com

Moore, Eileen  
Binghamton University (SUNY)  
emore3@binghamton.edu

Moore, Holly  
Columbia University/NYSPI  
hm2035@columbia.edu

Mor, Shapiro  
University of California, Los Angeles  
mor.shapiro@ucla.edu

Morgan, Jonathan  
Wake Forest University Health Sciences  
jmorgan@wfubmc.edu

Murawski, Nathen  
University of Delaware  
nmurawski@psych.udel.edu

Myers, Michael M.  
Columbia University/NYSPI  
mmm3@columbia.edu

Nelson, Eliza  
University of Massachusetts Amherst  
enelson@cns.umass.edu

Oliver, Chizora  
Columbia University  
co2267@columbia.edu

Otte, Rene  
Tilburg University  
r.a.otte@uvt.nl

Pelayo, Hector  
Universidad Veracruzana  
hece@hotmail.com

Perez, Humberto  
Universidad Autonoma de Tlaxcala  
homber11@hotmail.com

Perry, Rosemarie  
University of Delaware  
reperry@udel.edu

Pharo, Henry  
University of Otago  
henryp@psy.otago.ac.nz

Pickenhagen, Anouchka  
Nathan Kline Institute & NYU School of Medicine  
apickenhagen@nki.rfmh.org

Pikovsky, Irena  
University of Denver  
ipikovsk@du.edu

Propper, Cathi  
Univ of North Carolina at Chapel Hill  
propper@email.unc.edu

Ragan, Christina  
The Pennsylvania State University  
cmr317@psu.edu

Raineki, Charlis  
Nathan Kline Institute & NYU School of Medicine  
charlisraineki@gmail.com

Reeb-Sutherland, Bethany  
University of Maryland  
breeb@umd.edu

Revillo, Damian  
lnstituto de Investigacion Mercedes y Martin Ferreya  
damian_revillo@hotmail.com

Reyes, Veronica  
Universidad Veracruzana  
veroreyes_161@hotmail.com

Richardson, Rick  
University of New South Wales  
r.richardson@unsw.edu.au

Rincon Cortes, Millie  
NYU Sackler Institute  
millie.rinconcortes@med.nyu.edu

Robert, Megan  
Idaho State University  
robemega@gmail.com

Robertson, Steven S.  
Cornell University  
ssr4@cornell.edu

Robinson, Scott R.  
Idaho State University  
robiscot@isu.edu

Rosetti, Marcos  
Instituto de Investigaciones Biomedicas, UNAM  
rosetti_m@yahoo.com

Salisbury, Amy  
Brown University  
amy_salisbury@brown.edu

Santy, Eleanor  
West Virginia University  
Hawley.Montgomery-Downs@mail.wvu.edu

Sanfey, Ken  
Worldview Travel  
kens@worldviewtravel.com

Schreiber, William  
College of William & Mary  
wbschr@email.wm.edu

Shair, Harry  
Columbia University/NYSPI  
hns1@columbia.edu

Serles, Jesse  
Pacific Lutheran University  
serlesjr@plu.edu

Shoemaker, William  
Univ of Connecticut Health Center  
shoemake@psychiatry.uchc.edu

Soska, Kasey  
University of Virginia  
kasey.soska@nyu.edu

Sullivan, Regina  
Nathan Kline Institute & NYU School of Medicine  
regina.sullivan@nyumc.org

Swithers, Susan  
Purdue University  
swithers@purdue.edu

Tang, Ayaysha C.  
University of New Mexico  
akaysha@unm.edu

Tarullo, Amanda  
Columbia University / NYSPI  
at2566@columbia.edu

Todd, William  
University of Iowa  
william-todd@uiowa.edu
<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turman, Jack Jr.</td>
<td>Univ Nebraska Med Ctr</td>
<td><a href="mailto:jack.turman@unmc.edu">jack.turman@unmc.edu</a></td>
</tr>
<tr>
<td>Van den Bergh, Bea</td>
<td>Tilburg University</td>
<td><a href="mailto:bea.vdbnbergh@uv.nl">bea.vdbnbergh@uv.nl</a></td>
</tr>
<tr>
<td>Ursache, Alexandra</td>
<td>New York University</td>
<td><a href="mailto:amu222@nyu.edu">amu222@nyu.edu</a></td>
</tr>
<tr>
<td>Vaillant, Jimena</td>
<td>Florida International University</td>
<td><a href="mailto:jvail001@fiu.edu">jvail001@fiu.edu</a></td>
</tr>
<tr>
<td>Van Wagner, Marianne</td>
<td>ISDP Central Office</td>
<td><a href="mailto:isdp@isdpcentraloffice.org">isdp@isdpcentraloffice.org</a></td>
</tr>
<tr>
<td>Vinall, Jillian</td>
<td>Child &amp; Family Research Institute</td>
<td><a href="mailto:jvinall@cw.bc.ca">jvinall@cw.bc.ca</a></td>
</tr>
<tr>
<td>Vineyard, Mary Ann</td>
<td>Idaho State University</td>
<td><a href="mailto:vineyardrd@yahoo.com">vineyardrd@yahoo.com</a></td>
</tr>
<tr>
<td>Voegtline, Kristin</td>
<td>Penn State</td>
<td><a href="mailto:kmv152@psu.edu">kmv152@psu.edu</a></td>
</tr>
<tr>
<td>Welch, Martha</td>
<td>Columbia University College of</td>
<td><a href="mailto:mgw13@columbia.edu">mgw13@columbia.edu</a></td>
</tr>
<tr>
<td>Weikum, W.M.</td>
<td>University of British Columbia</td>
<td><a href="mailto:wweikum@cw.bc.ca">wweikum@cw.bc.ca</a></td>
</tr>
<tr>
<td>Werner, Elizabeth</td>
<td>Columbia University Medical Center</td>
<td><a href="mailto:ew150@columbia.edu">ew150@columbia.edu</a></td>
</tr>
<tr>
<td>Willey, Amanda</td>
<td>Binghamton University</td>
<td><a href="mailto:awilley1@binghamton.edu">awilley1@binghamton.edu</a></td>
</tr>
<tr>
<td>Zack, Elizabeth</td>
<td>University of Washington</td>
<td><a href="mailto:elizabethzack@gmail.com">elizabethzack@gmail.com</a></td>
</tr>
</tbody>
</table>

**REGISTRATION DESK HOURS:**

- **Wednesday**: 4:30-7:30 PM
- **Thursday**: 7:30-8:30 AM; 12:30-2:00; 5:40-7:30 PM
- **Friday**: 7:30-8:30 AM; 12:00-1:45

**LOAD TALKS ON CONFERENCE COMPUTERS:**

- **Wednesday**: 4:30-7:30 PM
- **Thursday/Friday**: 8:00-8:30 AM; During Lunch; During Poster Sessions
- **Saturday**: 8:00-8:30 AM

**NEXT ISDP MEETING:**

NOVEMBER 9-12, 2011
WASHINGTON, D.C.
WESTIN HOTEL - CITY CENTER
INTERNATIONAL SOCIETY FOR DEVELOPMENTAL PSYCHOBIOLOGY
2010 AWARD WINNERS

ISDP Dissertation Award

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elizabeth Zack</td>
<td>Rachel Barr</td>
<td>Georgetown University</td>
</tr>
</tbody>
</table>

Sandra G. Wiener Awards

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrew Gall</td>
<td>Mark S. Blumberg</td>
<td>University of Iowa</td>
</tr>
<tr>
<td>Valerie Mendez-Gallardo</td>
<td>Scott Robinson</td>
<td>University of Iowa</td>
</tr>
</tbody>
</table>

Sackler Institute and Wiley Travel Awards

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rachel Albert</td>
<td>Michael Goldstein</td>
<td>Cornell University</td>
</tr>
<tr>
<td>Rachel Ivy Anderson</td>
<td>Linda Patia Spear</td>
<td>Temple University</td>
</tr>
<tr>
<td>Iryna Babik</td>
<td>George F. Michel</td>
<td>Univ of North Carolina at Greensboro</td>
</tr>
<tr>
<td>Jeremy Bailoo</td>
<td>George F. Michel</td>
<td>Univ of North Carolina at Greensboro</td>
</tr>
<tr>
<td>Michele Becher</td>
<td>Robert Lickliter</td>
<td>Florida International University</td>
</tr>
<tr>
<td>Reto Bisaz</td>
<td>Regina Sullivan</td>
<td>New York University School of Medicine</td>
</tr>
<tr>
<td>Tamara Bodnar</td>
<td>Joanne Weinberg</td>
<td>University of British Columbia</td>
</tr>
<tr>
<td>Natalie Brito</td>
<td>Rachel Barr</td>
<td>Georgetown University</td>
</tr>
<tr>
<td>Margaret Broadwater</td>
<td>Linda Patia Spear</td>
<td>Binghamton University</td>
</tr>
<tr>
<td>Kevin Brown</td>
<td>Diana S. Woodruff-Pak</td>
<td>University of Pittsburgh</td>
</tr>
<tr>
<td>Susanne Brummelte</td>
<td>Ruth E. Grunau</td>
<td>University of British Columbia</td>
</tr>
<tr>
<td>Bridget Callaghan</td>
<td>Rick Richardson</td>
<td>University of New South Wales</td>
</tr>
<tr>
<td>Julie Campbell</td>
<td>George F. Michel</td>
<td>Univ of North Carolina at Greensboro</td>
</tr>
<tr>
<td>Thomas Chan</td>
<td>Harry Shair</td>
<td>Columbia University</td>
</tr>
<tr>
<td>Whitney Cole</td>
<td>Karen Adolph</td>
<td>New York University</td>
</tr>
<tr>
<td>Thomas Daniels</td>
<td>Rakesh Sahni</td>
<td>Columbia University Medical Center</td>
</tr>
<tr>
<td>John Franchak</td>
<td>Karen Adolph</td>
<td>New York University</td>
</tr>
<tr>
<td>Mary Goldsberry</td>
<td>John Freeman</td>
<td>University of Iowa</td>
</tr>
<tr>
<td>Thomas Harmon</td>
<td>John Freeman</td>
<td>University of Iowa</td>
</tr>
<tr>
<td>Sierra Harris</td>
<td>Michele Brumley</td>
<td>Idaho State University</td>
</tr>
<tr>
<td>Christopher Harshaw</td>
<td>Jeffrey Alberts</td>
<td>Indiana University</td>
</tr>
<tr>
<td>Daniel Hipp</td>
<td>Peter Gerhardstein</td>
<td>Binghampton University</td>
</tr>
<tr>
<td>Kana Imuta</td>
<td>Harlene Hayne</td>
<td>University of Otago</td>
</tr>
<tr>
<td>Salvatore Insana</td>
<td>Hawley Montgomery-Downs</td>
<td>West Virginia University</td>
</tr>
<tr>
<td>Asya Izraelit</td>
<td>Michael Myers</td>
<td>Columbia University</td>
</tr>
<tr>
<td>Sarah Jablonski</td>
<td>Mark Stanton</td>
<td>University of Delaware</td>
</tr>
<tr>
<td>Huan Jiang</td>
<td>Akaysha Tang</td>
<td>University of New Mexico</td>
</tr>
<tr>
<td>Sayuri Kojima</td>
<td>Jeffrey Alberts</td>
<td>Indiana University</td>
</tr>
<tr>
<td>Kari Kretch</td>
<td>Karen Adolph</td>
<td>New York University</td>
</tr>
<tr>
<td>Stella Li</td>
<td>Rick Richardson</td>
<td>University of New South Wales</td>
</tr>
<tr>
<td>Jesse Lingeman</td>
<td>Karen Adolph</td>
<td>New York University</td>
</tr>
<tr>
<td>Amanda McBean</td>
<td>Hawley Montgomery-Downs</td>
<td>West Virginia University</td>
</tr>
<tr>
<td>Jennifer Miller</td>
<td>Meredith West</td>
<td>Indiana University</td>
</tr>
<tr>
<td>Stacie Miller</td>
<td>Norman Spear</td>
<td>Binghamton University</td>
</tr>
<tr>
<td>Eileen Moore</td>
<td>Stephen Boehm</td>
<td>Indiana University Purdue University</td>
</tr>
<tr>
<td>Jonathan Morgan</td>
<td>April Ronca</td>
<td>Wake Forest Univ School of Medicine</td>
</tr>
<tr>
<td>Nathan Murawski</td>
<td>Mark Stanton</td>
<td>University of Delaware</td>
</tr>
<tr>
<td>Eliza Nelson</td>
<td>George F. Michel</td>
<td>University of Massachusetts Amherst</td>
</tr>
<tr>
<td>Chicora Oliver</td>
<td>Harry Shair</td>
<td>Columbia University</td>
</tr>
<tr>
<td>Rosemarie Perry</td>
<td>Mark Stanton</td>
<td>University of Delaware</td>
</tr>
<tr>
<td>Henry Pharo</td>
<td>Harlene Hayne</td>
<td>University of Otago</td>
</tr>
<tr>
<td>Anouchka Pickenhagen</td>
<td>Regina Sullivan</td>
<td>Nathan Kline Inst. &amp; NYU Sch. of Med.</td>
</tr>
<tr>
<td>Christina Ragan</td>
<td>Sonia Cavigelli</td>
<td>Pennsylvania State University</td>
</tr>
<tr>
<td>Charis Raineki</td>
<td>Regina Sullivan</td>
<td>Nathan Kline Inst. &amp; NYU Sch. of Med.</td>
</tr>
<tr>
<td>Bethany Reeb-Sutherland</td>
<td>Nathan Fox</td>
<td>University of Maryland</td>
</tr>
<tr>
<td>Veronica Reyes-Meza</td>
<td>Amado Bautista Ortega</td>
<td>Universidad Veracruzana</td>
</tr>
<tr>
<td>Millie Rincon-Cortes</td>
<td>Regina Sullivan</td>
<td>New York University</td>
</tr>
<tr>
<td>Megan Roberto</td>
<td>Michele Brumley</td>
<td>Idaho State University</td>
</tr>
<tr>
<td>Eleanor Santy</td>
<td>Hawley Montgomery-Downs</td>
<td>West Virginia University</td>
</tr>
<tr>
<td>William Schreiber</td>
<td>Pamela Hunt</td>
<td>College of William and Mary</td>
</tr>
<tr>
<td>Sabine Seehagen</td>
<td>Jane Herbert</td>
<td>University of Sheffield</td>
</tr>
<tr>
<td>William Todd III</td>
<td>Mark Blumberg</td>
<td>University of Iowa</td>
</tr>
<tr>
<td>Mary Ann Vineyard</td>
<td>Michele Brumley</td>
<td>Idaho State University</td>
</tr>
<tr>
<td>Amanda Willey</td>
<td>Linda Patia Spear</td>
<td>Binghamton University</td>
</tr>
<tr>
<td>Time</td>
<td>Wednesday – 11/10</td>
<td>Thursday – 11/11</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>7:00-8:25</td>
<td>Wiley Editorial Breakfast</td>
<td></td>
</tr>
</tbody>
</table>
| 8:00-8:30  | Continental Breakfast  
Student/Post-doc Breakfast Chat Session | 8:00-8:30 Continental Breakfast |                |                 |
| 8:30-10:00 | Symposium  
*Early Experiences and Later Mental Health*  
Nathan A. Fox  
Christine M. Heim  
Amy L. Salisbury  
Sonia A. Cavigelli | 8:30-10:30 Oral Session 2  
*Attention, Learning and Memory* | 8:30-10:30 Sackler Symposium  
*Stress, Fear and Trauma: A Comparative Lifespan Approach*  
Gordon Barr  
Ruth Eckstein Grunau  
Regina Sullivan  
Patricia Kabitzke  
Bruce McEwen |                 |
| 10:00-10:30| Morning Break      |                  |                |                 |
| 10:30-12:30| Oral Session 1  
*Early Life Stress and Regulation of Cortisol* | 10:30-11:00 Morning Break | 10:30-11:00 Morning Break |                 |
| 12:30-2:00 | Mid-Day Break  
Board Meeting with Past Presidents |                  | 10:00-12:00 Oral Session 3  
*Sleep and Regulation* | 12:00-1:00 Poster Award  
Business Meeting-All Invited | 12:15-1:45 Mid-Day Break  
Meet the Professors Lunch | End of ISDP Conference 2010 |
| 2:00-4:00  | Symposium  
*Maternal Support of Infant Behavior*  
Michael Goldstein  
Lana Karasik  
Karen Adolph  
Vanessa LoBue  
and related talks | 1:45-4:00 Symposium  
*Treatments for Fetal Alcohol Spectrum Disorders*  
Susan Barron  
Alexandre Medina  
Jennifer Thomas  
Brian Christie  
Christina Chambers  
and related talks |                 |
| 4:00-4:30  | Afternoon Break  
Awards Symposium  
Dissertation Award  
Sandra G. Wiener Awards | 4:00-4:30 Afternoon Break  
Presidential Address  
From Basic Science to Public Good: The Importance of Developmental Research  
Harlene Hayne |                 |
| 7:30-8:40  | Opening Remarks  
Harlene Hayne  
Past Presidents  
Fifer and Rudy | 5:15-7:15 Poster Session 1 (Cash Bar)  
Aviary Ballroom | 5:30-7:30 Poster Session 2 (Cash Bar)  
Aviary Ballroom |                 |
| 8:40-10:00 | Welcome Reception  
Registration  
Kon Tiki Foyer | 8:00-10:00 Student Social  
(Cash bar) |                 |