



**48TH ANNUAL MEETING
CONFERENCE PROGRAM**

JULY 20-23, 2015

**MIRAMAR PALACE
SAN SEBASTIAN, SPAIN**

INTERNATIONAL SOCIETY FOR DEVELOPMENTAL PSYCHOBIOLOGY

OFFICERS

PRESIDENT

April Ronca
Wake Forest University School of Medicine
NASA Ames Research Center

PRESIDENT-ELECT

Nathan Fox
University of Maryland

PAST PRESIDENT

Pamela Hunt
College of William & Mary

SECRETARY

Kimberly Cuevas
University of Connecticut

TREASURER

Gale Kleven
Wright State University

CONFERENCE COORDINATOR

Hawley Montgomery-Downs
West Virginia University

PROGRAM DIRECTOR

Bethany Reeb-Sutherland
Florida International University

LOCAL CONFERENCE ORGANIZER

Gabriela Chotro
University of the Basque Country UPV/EHU

PROGRAM COMMITTEE

Susanne Brummelte
Wayne State University

Amanda Tarullo
Boston University

BOARD MEMBERS

Jee Hyun Kim
University of Melbourne

Tania Roth
University of Delaware

Nim Tottenham
University of California Los Angeles

FEDERATION REPRESENTATIVE

Russ Romeo
Barnard College of Columbia University

AALAC REPRESENTATIVE

Sonia Cavigelli
Pennsylvania State University

STUDENT MEMBER REPRESENTATIVES

Aarthi Gobinath
University of British Columbia

Hillary Swann
Idaho State University

HISTORIAN

William Shoemaker
University of Connecticut Health Center

WEBMASTER

Marianne Van Wagner
ISDP Central Office

INTERNATIONAL SOCIETY FOR DEVELOPMENTAL PSYCHOBIOLOGY

48TH ANNUAL MEETING

SAN SEBASTIAN, SPAIN • JULY 20 – 23, 2015

The ISDP would like to express our appreciation for the financial support from the following organizations:

Wiley

Sackler Institute for Developmental Psychobiology at Columbia University

Eunice Kennedy Shriver National Institute of Child Health & Human Development

Mead Johnson Nutrition

Columbia University Nurture Science Program

Institut de Neurociències, Universitat Autònoma de Barcelona

Departamento de Procesos Psicológicos Básicos y su Desarrollo, UPV/EHU

Cursos de Verano - UPV/EHU

Findings Software SAS (*student event sponsor*)

Western Psychological Services (*student event sponsor*)

Members of the International Society for Developmental Psychobiology

| Monday - 7/20 | Tuesday - 7/21 | Wednesday - 7/22 | Thursday - 7/23 |
|---|--|--|---|
| 8:30-10:20 Board Meeting | 8:30-10:30 Presidential Symposium: Continuities against Discontinuities - Mother-Infant 'Communication' Through Amniotic Fluid, Colostrum, and Milk M.G. Chotro B. Patris J.R. Alberts J. Candau | 8:30-10:30 Oral Session 3: Attention, Learning, & Memory | 8:30-10:30 Symposium: Epigenetic Consequences and Transgenerational Inheritance of Stress T.L. Roth M. Szyf B. Dias K. Braun A. Weller |
| 10:20-10:30 Morning Break | 10:15-10:35 Morning Break | 10:30-11:00 Morning Break | 10:30-10:45 Morning Break |
| 10:30-12:30 Oral Session 1: Stress and HPA Function | 10:35-11:45 Awards Symposium Kurcharski Young Investigator Award FABBS Early Career Impact Award Sandra G. Wiener Award Dissertation Award | 11:00-12:00 Wiley Distinguished Speaker A. David Edwards | 10:45-11:45 Business Meeting - All Invited |
| | 11:45-12:35 Travel Awardees Presentations | 12:00-12:35 Travel Awardees Presentations | 11:45 End of ISDP Conference |
| 12:45-2:15 General Lunch | 12:45-2:15 General Lunch | 12:45-2:15 General Lunch | |
| 12:45-2:15 Meet the Professors Lunch | 12:45-2:15 Lunch Workshop: the Future of Nonhuman Animal Research: Intersections of Science, Public Opinion, and Practice A.J. Bennett J. Bailoo K. Leech G.F. Michel | 12:45-2:15 Wiley Editorial Board Meeting | |
| 2:15-4:15 Sackler Symposium: New Research on Sensitive Periods in Development J. Gervain F. Lee C.A. Nelson A.E. Takesian N.A. Fox | 2:15-4:10 Symposium: The Complexity of Imitation during Early Childhood: Biological Constraints and Individual Differences C. Konrad E. Nordqvist E. Flynn R. Barr | 2:15-3:25 Mini-Symposium: How Exposure to Language Shapes the Human Infant Brain during the First 6 Months of Life J. Gervain M. Molnar S. Rossi N. Altvater-Mackensen M. Carreiras | |
| | | 3:25-4:15 Travel Awardee Presentations | |
| 4:15-4:30 Afternoon Break | 4:10-4:30 Afternoon Break | 4:15-4:35 Afternoon Break | |
| 4:30-5:30 Mini-Symposium: The Neurobiology of Mother-Infant Interaction: Typical vs. Atypical Development R.C. Froemke R.E. Perry M.M. Sanchez | 4:30-6:15 Oral Session 2: Parental Influences | 4:35-6:35 Oral Session 4: Motor and Social Development | |
| 5:30-6:15 Travel Awardees Presentations | | | |
| 6:15-7:45 Poster Session 1 | 6:15-7:45 Poster Session 2 | | |
| 8:00-10:00 Welcome Cocktail Reception | 8:00-9:00 Aquarium Tour | 9:00-12:00 Gala Dinner Celebration | |
| | 9:00-12:00 Student Social | | |

Monday, July 20

- 8:00-5:00** ISDP REGISTRATION – *Hall Sur*
- 8:30-10:20** ISDP BOARD MEETING – *Salón Blanco*
- 10:20-10:30** MORNING BREAK
- 10:30-10:40** OPENING REMARKS: April Ronca, President
- 10:40-12:25** ORAL SESSION 1: STRESS & HPA FUNCTION
Chair: Nim Tottenham
- 10:40-10:55 SEX, STRESS, AND DOPAMINE: POTENTIAL MECHANISMS
K.G. Bath, & H. Goodwill
- 10:55-11:10 CORTISOL IN MOTHER'S MILK IN THE NEONATAL PERIOD
INFLUENCES LATER INFANT SOCIAL BEHAVIOR AND
COGNITION IN RHESUS MONKEYS – **Travel Awardee**
A.M. Dettmer, A.M. Murphy, D. Guitarra, E. Stonecker, M.A. Novak, J.S.
Meyer, & S.J. Suomi
- 11:10-11:25 NEUROPSYCHOLOGICAL DEVELOPMENT AT 4 YEARS OLD:
ASSOCIATION WITH SALIVARY CORTISOL, ALPHA-AMYLASE
AND PSYCHOSOCIAL VARIABLES AT 14 MONTHS OF AGE
A. Andiarrena, O. Vegas, N. Balluerka, & J. Ibarluzea
- 11:25-11:40 INDIVIDUAL DIFFERENCES IN STRESS REACTIVITY IN A HIGH
RISK SAMPLE
R.D. Eiden & D. A. Granger
- 11:40-11:55 EARLY LIFE STRESS ALTERS GENE EXPRESSION AND
ACTIVITY PATTERNS IN THE MESOLIMBIC
DOPAMINE SYSTEM AND ENHANCES SUSCEPTIBILITY TO
DEPRESSION – **Travel Awardee**
C.J. Peña, I. Purushothaman, A.K. Friedman, R.C. Bagot, M-H Han, L.
Shen, & E.J. Nestler
- 11:55-12:10 THE BEHAVIORAL EFFECT OF POSTNATAL
CORTICOSTERONE ADMINISTRATION IN DEVELOPING RATS
DEPENDS ON ITS DURATION AND PATTERN OF ELEVATION
D.I. Clafflin, S.J., Jensen, L.R. Greenfield, C.L. Wentworth-Eidsuane,
M.Kraszpułski, K.D. Schmidt, K.D., & M.B. Hennessy
- 12:10-12:25 EFFECTS OF PERINATAL STRESS AND FLUOXETINE ON
CIRCADIAN BEHAVIOUR OF ADULT MICE – **Travel Awardee**
V. Kiryanova, V.M. Smith, M.C. Antle & R.H. Dyck
- 12:45-2:15** LUNCH & MEET THE PROFESSORS LUNCH – *Tennis
Ondarreta Restaurant*

- 2:15-4:15** SACKLER SYMPOSIUM: NEW RESEARCH ON SENSITIVE
PERIODS IN DEVELOPMENT
Chair and Discussant: Nathan Fox
- 2:15-2:20 Introduction: N. Fox
- 2:20-2:45 THE PERCEPTION OF TIME-COMPRESSED SPEECH AT
BIRTH
J. Gervain
- 2:45-3:10 SENSITIVE PERIODS IN AFFECTIVE DEVELOPMENT:
NONLINEAR MATURATION OF FEAR LEARNING
F. Lee
- 3:10-3:35 THE EFFECTS OF EARLY, PROFOUND DEPRIVATION ON
BRAIN AND BEHAVIORAL DEVELOPMENT: TIMING IS
EVERYTHING
C.A. Nelson, N.A. Fox, & C.H. Zeanah
- 3:35-4:00 MECHANISMS OF CRITICAL PERIOD BRAIN DEVELOPMENT
A.E. Takesian & T.K. Hensch
- 4:00-4:15 Discussion: N. Fox
- 4:15-4:30** AFTERNOON BREAK
- 4:30-5:30** MINI-SYMPOSIUM: THE NEUROBIOLOGY OF MOTHER-
INFANT INTERACTION: TYPICAL VS. ATYPICAL
DEVELOPMENT
Chairs: Rosemarie Perry & Elizabeth Rickenbacher
- 4:30-4:50 OXYTOCIN, MATERNAL BEHAVIOR, AND EXCITATORY-
INHIBITORY BALANCE
R.C. Froemke, B.J. Marlin, M. Mitre, J.A. D'amour, & M.V. Chao
- 4:50-5:10 NEUROBEHAVIORAL CONSEQUENCES OF EARLY LIFE
ABUSE: FEAR, AGGRESSION, AND MATERNAL
PROTECTION OF PUPS – **Travel Awardee**
R.E. Perry & R.M. Sullivan
- 5:10-5:30 NEUROBEHAVIORAL CONSEQUENCES OF DISRUPTED
MOTHER-INFANT RELATIONSHIP: NONHUMAN PRIMATES
M.M. Sanchez
- 5:30-6:15** TRAVEL AWARD 5-MINUTE PRESENTATIONS
- | Awardee | Advisor | Institution |
|--------------------|--------------|-------------------------------|
| M.J. Caruso | S. Cavigelli | Pennsylvania State University |
| W. Watanasriyakul | M. Hennessy | Wright State University |
| C.M. Ragan | J. Lonstein | Michigan State University |
| M. Ordonez-Retamar | W.P. Fifer | Columbia University |
| J.D. Nugent | W.P. Fifer | Columbia University |
| N.H. Brito | W.P. Fifer | Columbia University |
| J.A. Varholick | J. Bailoo | University of Bern |
| G. Manzano-Nieves | K. Bath | Brown University |

6:15-7:45

POSTER SESSION 1 – *Salón de la Música*

1. NEUROMOTOR (POSTURAL) DEVELOPMENT AS A PREDICTOR OF DEVELOPMENTAL CHANGE IN INFANT HANDEDNESS – **Travel Awardee**
A. Koucheiki, J.M. Campbell, & G.F. Michel
2. HOW ESTABLISHED HAND PREFERENCE FOR ACQUISITION INFLUENCES THE CONSISTENCY OF HAND PREFERENCE FOR MANIPULATION – **Travel Awardee**
J. Latta, J.M. Campbell, E.C. Marciniowski, & G.F. Michel
3. COMPARISON OF SENSORY, MOTOR AND COGNITIVE DEVELOPMENT IN 3XTG-AD AND 5XFAD MOUSE MODELS OF ALZHEIMER'S DISEASE
S. Shin, A.K. Glenn, J.C. Whitehead, C.E. Blaney, K.R. Stover, & R.E. Brown
4. MATERNAL DIET INFLUENCES OFFSPRING FEEDING BEHAVIOR AND FEARFULNESS IN BIRDS
A. Bertin, N. Aigueperse, & L. Calandreau
5. EMBRYONIC EXPOSURE TO COOL TEMPERATURE ENHANCES THE EXPRESSION OF FEAR-RELATED BEHAVIORS IN BIRDS
A. Bertin, L. Calandreau, F. Cornilleau, M. Meurisse, P. Constantin, E.N. de Haas, J. Delaveau, C. Rat, A.S. Darmaillacq, L. Dickel, S. Lumineau, C. Houdelier, & C. Arnould
6. THE ROLE OF LANGUAGE CUES ON FLEXIBLE MEMORY RETRIEVAL AT 12-MONTHS OF AGE – **Travel Awardee**
G. Taylor & J.S. Herbert
7. LIMITS ON THE BILINGUAL ADVANTAGE IN INFANT MEMORY GENERALIZATION ON A TRANSFER TASK – **Travel Awardee**
L. Zimmermann, C. Nugent, N. Brito, & R. Barr
8. ASSOCIATIONS BETWEEN SOCIOECONOMIC STATUS, EEG POWER AT BIRTH, AND COGNITIVE SKILLS DURING INFANCY – **Travel Awardee**
N.H. Brito, K.G. Noble, M.M. Myers, W.P. Fifer, & A.J. Elliott
9. ASSOCIATIONS BETWEEN MU RHYTHM REACTIVITY AND IMITATION IN INFANCY: A PILOT STUDY – **Travel Awardee**
L.J. Bryant, K. Cuevas, K. Valerio, & J. Sahani
10. CREATING A PARADIGM FOR STUDYING CROSS-MODAL ASSOCIATIVE EPISODIC MEMORY IN PRESCHOOLERS
A.E. Learmonth
11. ADOLESCENT ETHANOL CONSUMPTION ENHANCES ETHANOL REINFORCEMENT DURING ADULTHOOD IN ALCOHOL-PREFERRING (P) RATS
Z.A. Rodd, J.E. Toalston, R.L. Bell, S.R. Hauser, G.A. Deehan Jr., & W.J. McBride
12. ADOLESCENT NICOTINE EXPOSURE FACILITATES RETRIEVAL OF TRAUMATIC FEAR MEMORY IN ABA RENEWAL
R.C. Barnett, Luner, E., & J. Iannucci
13. MK-801 IMPAIRS THE ACQUISITION OF CONTEXTUAL FEAR IN THE CONTEXT PRE-EXPOSURE FACILITATION EFFECT (CPFE) PARADIGM IN ADOLESCENT RATS – **Travel Awardee**
N.A. Heroux, P. A. Robinson-Drummer, J. B. Rosen, & M.E. Stanton
14. SEX AND GESTATIONAL AGE DIFFERENCES IN AUTONOMIC CONTROL OF HEALTHY NEWBORNS DURING SLEEP – **Travel Awardee**
M. Ordóñez-Retamar, N. Burtchen, J.S. Yang, J.D. Nugent, M.M. Myers, & W.P. Fifer
15. HIGH FREQUENCY ELECTROCORTICAL COHERENCE: EFFECTS OF SEX AND SLEEP POSITION – **Travel Awardee**
J. D. Nugent, M. M. Myers, P. G. Grieve, & W.P. Fifer
16. SLEEP-MEDIATED CONSOLIDATION OF EPISODIC MEMORY IN CHILDREN AND ADULTS – **Travel Awardee**
J.-Y. Wang, F.D. Weber, & J. Born
17. CHILD EXECUTIVE FUNCTIONING IS PREDICTED BY PARENT HYPOTHALAMIC PITUITARY ADRENAL (HPA) FUNCTION IN BOTH CANCER SURVIVORS AND HEALTHY CONTROL CHILDREN – **Travel Awardee**
S.M. Dinces, S.N. Hile, L.N. Rowell, J.F.L. Pinner, R.E. Rieger, N.C. Moss, R.S. Allen, M.E. Thompson, A.C. Tang, & R.D. Annett
18. THE EXPERIENCE OF CANCER AFFECTS THE RELATIONSHIP BETWEEN PARENT AND CHILD HYPOTHALAMIC PITUITARY ADRENAL (HPA) FUNCTION – **Travel Awardee**
S.M. Dinces, S.N. Hile, L.N. Rowell, J.F.L. Pinner, R.E. Rieger, N.C. Moss, R.S. Allen, M. Emery Thompson, A.C. Tang, & R.D. Annett
19. CORTICOSTEROID RECEPTOR EXPRESSION IS LINEARLY RELATED TO INDIVIDUAL DIFFERENCES IN NOVELTY EXPLORATION – **Travel Awardee**
M.J. Caruso, R. A. Crouse, & S.A. Cavigelli
20. STRESS BUFFERING OF CORTISOL RESPONSE IN GUINEA PIG PUPS: THE EFFECTS OF SOCIAL INTERACTIONS WITH UNFAMILIAR ADULT MALES – **Travel Awardee**
W. Watanasriyakul, M.B. Hennessy, & P.A. Schiml
21. TRAIT ANXIETY PREDICTS MEDIAL PREFRONTAL CORTEX GABA SYSTEM PROTEIN EXPRESSION IN POSTPARTUM RATS – **Travel Awardee**
C.M. Ragan & J.S. Lonstein
22. MANIPULATION OF THE PRE- AND POST-WEANING SOCIAL ENVIRONMENT AND ITS EFFECTS ON PREPULSE INHIBITION OF THE ACOUSTIC STARTLE RESPONSE IN C57BL/6 – **Travel Awardee**
J.A. Varholick, X.J. Garza, R.L. Jordan, G.F. Michel, & J.D. Bailoo
23. THE EFFECT OF EARLY LIFE ADVERSITY ON EMOTIONAL MEMORIES DURING DEVELOPMENT – **Travel Awardee**
G. Manzano-Nieves & K.G. Bath

8:00-10:00

WELCOME COCKTAIL RECEPTION – *Hotel Monte Igueldo*

Tuesday, July 21

- 8:30-10:30** **PRESIDENTIAL SYMPOSIUM: CONTINUITIES AGAINST DISCONTINUITIES – MOTHER-INFANT ‘COMMUNICATION’ THROUGH AMNIOTIC FLUID, COLOSTRUM, AND MILK**
Chairs: Benoist Schaal & M. Gabriela Chotro
- 8:30-8:35 Opening Remarks: A.E. Ronca
- 8:35-8:40 Introduction: B. Schaal
- 8:40-9:05 **NEONATAL AND INFANTILE ATTRACTION TO ODORS FROM MATERNAL DIET DURING GESTATION: THE PARTICULAR CASE OF ALCOHOL**
M.G. Chotro
- 9:05-9:30 **SYNCHRONICITY IN MILK ODOR AND NEONATAL MILK ODOR ATTRACTION AND SUCKLING IN THE LABORATORY MOUSE**
B. Patris, A. Al Ain, & B. Schaal
- 9:30-9:55 **AMNIOTIC ODOR AS A CANALIZING EXPERIENCE**
J.R. Alberts & A.E. Ronca
- 9:55-10:20 **HUMAN NEONATAL CONSUMPTION OF THE COLOSTRUM AS A BIOCULTURAL EXPERIENCE**
J. Candau
- 10:20-10:35** **MORNING BREAK**
- 10:35-11:45** **ISDP AWARDS SYMPOSIUM**
Chair: Pamela Hunt
- 10:35-10:40 **DAVID KUCHARSKI YOUNG INVESTIGATOR AWARD**
Kimberly Cuevas, University of Connecticut (talk Wed 10:15)
Presenter: Norman Spear
- 10:40-10:50 **FABBS EARLY CAREER IMPACT AWARD**
Tania Roth, University of Delaware
Presenter: Regina Sullivan
- 10:50-11:10 **SANDRA G. WIENER AWARD**
Steven Boomhower, Auburn University
Advisor: M. Christopher Newland
NEUROBEHAVIORAL TOXICITY OF ADOLESCENT METHYLMERCURY EXPOSURE IN MICE
- 11:10-11:40 **DISSERTATION AWARD**
Millie Rincón-Cortés, Sackler Institute - NYU School of Medicine
Advisor: Regina Sullivan
PATHWAY TO PATHOLOGY: EARLY LIFE TRAUMA AND AMYGDALA SEROTONIN

11:40-12:35

Awardee
G. Taylor
L.J. Bryant
J.S. Yang
J.-Y. Wang
A.R. Gobinath
J. Blaze
E.L. Moyer
S. Castelló

TRAVEL AWARD 5-MINUTE PRESENTATIONS

| Advisor | Institution |
|----------------|--|
| J.S. Herbert | Lancaster University |
| K. Cuevas | University of Connecticut |
| W.P. Fifer | Columbia University |
| J. Born | University of Tübingen |
| L. Galea | University of British Columbia |
| T.L. Roth | University of Delaware |
| A.E. Ronca | NASA Ames Research Center |
| C. Arias | Instituto de Investigación Médica M. y M. Ferreyra |

12:45-2:15

LUNCH – Tennis Ondarreta Restaurant

12:45-2:15

LUNCH WORKSHOP: THE FUTURE OF NONHUMAN ANIMAL RESEARCH: INTERSECTIONS OF SCIENCE, PUBLIC OPINION, AND PRACTICE – Salón Blanco
(this event requires advance reservation & ticket)
Chair: Alison Bennett

12:45-1:05

BROADER IMPACTS: GLOBAL INTERSECTIONS AND INTEGRATIVE ETHICAL CONSIDERATION OF ANIMAL RESEARCH AND POLICY
A.J. Bennett

1:05-1:25

AT THE INTERSECTION OF ANIMAL WELFARE, REPRODUCIBILITY, AND POLICY – Travel Awardee
J. Bailoo, T. S. Reichlin, J. A. Varholick, & H. Würbel

1:25-1:45

ANIMAL RESEARCH: TIME TO TALK!
K. Leech

1:45-2:15

Discussion: G.F. Michel

2:15-4:10

SYMPOSIUM: THE COMPLEXITY OF IMITATION DURING EARLY CHILDHOOD: BIOLOGICAL CONSTRAINTS AND INDIVIDUAL DIFFERENCES
Chair: Rachel Barr

2:15-2:20

Introduction: Rachel Barr

2:20-2:55

SLEEP AFTER LEARNING ENHANCES FLEXIBILITY OF MEMORY RETRIEVAL IN 12-MONTH-OLD INFANTS
C. Konrad, J.S. Herbert, S. Schneider, S. Lorek, S. Seehagen

2:55-3:20

DEFERRED IMITATION, ASSOCIATIVE MEMORY AND COMMUNICATION IN 14-MONTH-OLD CHILDREN
E. Nordqvist, M. Rudner, M. Lindgren, M. Johansson, & M. Heimann

3:20-3:45

INVESTIGATING THE FACTORS AFFECTING YOUNG CHILDREN'S SOCIAL AND ASOCIAL LEARNING PREFERENCES
E. Flynn, C.R. Turner, & L. Girardeau

3:45-4:10

IMITATION PRACTICE MAKES IMITATION PERFECT: IMITATION ENHANCES MOTOR-SPATIAL LEARNING BY PRESCHOOLERS IN A BRIEF TRAINING STUDY
R. Barr, F. Subiaul, & L. Zimmerman

4:10-4:30 AFTERNOON BREAK

4:30-6:15 ORAL SESSION 2: PARENTAL INFLUENCES

Chair: Bill Fifer

- 4:30-4:45 MATERNAL BUFFERING OF ADOLESCENT RISK TAKING: INSIGHTS FROM NEUROSCIENCE
E.H. Telzer
- 4:45-5:00 A POSITIVE TACER-3 ALCOHOL SCREEN IN PREGNANCY PREDICTS LATER ALCOHOL USE PROBLEMS IN CHILDREN
J.H. Hannigan, L.M. Chiodo, J. Janisse, R.J. Sokol, & V. Delaney-Black
- 5:00-5:15 EFFECTS OF MATERNAL CARE ETHANOL PREFERENCE AND SENSITIVITY TO ETHANOL INDUCED SEDATION HYPNOSIS – **Travel Awardee**
D.O. Popoola & N.M. Cameron
- 5:15-5:30 PERCEIVED MALTREATMENT AND DEVELOPMENT OF RISKY PERSONALITY FACTORS AND FUTURE ORIENTATION: RISK FOR ALCOHOL USE DURING ADOLESCENCE – **Travel Awardee**
H. Edalati & M.D. Krank
- 5:30-5:45 MATERNAL BEHAVIOR IS MODULATED BY PRENATAL STRESS IN YOUNG BIRDS
N. Aigueperse, O. Le Bot, F. Pittet, E. de Margerie, C. Houdelier, & S. Lumineau
- 5:45-6:00 PRENATAL MATERNAL EFFECTS ARE MODULATED BY A PRECOXIAL BIRDS' POSTNATAL MATERNAL CARE
C. Houdelier, O. Le Bot, N. Aigueperse, E. de Margerie, A.S. Darmaillacq, L. Dickel, C. Arnould, L. Calandrea, A. Bertin, & S. Lumineau
- 6:00-6:15 EARLY FACE-TO-FACE INTERACTIONS IMPROVE SOCIAL DEVELOPMENT IN NURSERY-REARED INFANT RHESUS MACAQUES (MACACA MULATTA) – **Travel Awardee**
S.S.K. Kaburu, E.A. Simpson, A. Paukner, S.J. Suomi, & P.F. Ferrari

6:15-7:45 POSTER SESSION 2 – *Salón de la Música*

1. THE BENEFICIAL EFFECTS OF A POSITIVE ATTENTION BIAS AMONGST CHILDREN WITH A HISTORY OF PSYCHOSOCIAL DEPRIVATION: REDUCING ANXIETY AND STRESS REACTIVITY – **Travel Awardee**
S. Troller-Renfree, K. McLaughlin, M. Sheridan, C.A. Nelson, C.H. Zeanah, & N.A. Fox
2. ELECTROPHYSIOLOGICAL RESPONSES DURING ERROR MONITORING AS A POTENTIAL BIOMARKER FOR ANXIETY – **Travel Awardee**
M.L. Ramos, A. Casas, M. Bechor, J. Pettit, & B.C. Reeb-Sutherland
3. THE ROLE OF ACETALDEHYDE IN THE PRENATAL ETHANOL EXPOSURE EFFECT ON THE NEONATE RATS.
A. Angulo-Alcalde, M. Gaztañaga, & M.G. Chotro

4. PERSISTENCE OF ETHANOL-INDUCED SENSITIZATION DURING THE PREWEANLING PERIOD OF THE RAT – **Travel Awardee**
S. Castelló, G. D'Aloisio, J. C. Molina, & C. Arias
5. INTRA-DORSAL HIPPOCAMPAL ANTAGONISM OF MUSCARINIC ACETYLCHOLINE RECEPTORS DISRUPTS THE CONTEXT PREEXPOSURE FACILITATION EFFECT – **Travel Awardee**
P.A. Robinson-Drummer, N.A. Heroux, & M.E. Stanton
6. BEHAVIORAL LATERALIZATION SCALE: A NEW METHOD FOR CHARACTERIZING MULTIPLE LATERALIZED PREFERENCES IN BOBWHITE QUAIL CHICKS (COLINUS VIRGINIANUS) – **Travel Awardee**
S.C. Belnap & R. Lickliter
7. INDIVIDUAL DIFFERENCES IN SPONTANEOUS EYE BLINKING ARE LINKED TO FRONTAL ASYMMETRY IN HUMAN INFANTS
L.F. Bacher, S. Retz, C. Lindon, & M.A. Bell
8. MODERATELY-PREATURE AND FULL-TERM INFANTS PERFORM DIFFERENTLY ON A COGNITIVE/EYE-HAND "TOUCHPAD TASK" AT 4-MONTHS OF AGE
E. Hanrion-Monnier, C. Granier-Deferre, & A.J. DeCasper
9. FRONTAL HIGH FREQUENCY EEG SPECTRAL POWER IS INCREASED DURING ACTIVE SLEEP IN NEWBORNS WITH CONGENITAL HEART DISEASE COMPARED TO HEALTHY CONTROLS – **Travel Awardee**
J.S. Yang, C.L. Weiss, P. Grieve, I.A. Williams, M.M. Myers, & W.P. Fifer
10. AN EARLY LIFE TREATMENT THAT INCREASES MATERNAL BEHAVIOR DECREASES INCENTIVE SALIENCE IN A SEX-DEPENDENT MANNER IN RATS
R. Nadal, S. Fuentes, J. Carrasco, A. Hatto, J. Navarro, M. Monsonet, J. Ortiz & A. Armario
11. COMPARING THE EFFICACY OF MATERNAL FLUOXETINE AND EXERCISE IN A RODENT MODEL OF POSTPARTUM DEPRESSION: OUTCOME OF BOTH MOTHER AND MALE AND FEMALE OFFSPRING – **Travel Awardee**
A.R. Gobinath, R.J. Richardson, C. Chow, J.L. Workman, S.E. Lieblich, A.M. Barr, & L.A.M. Galea
12. EFFECT OF SPATIAL MANIPULATIONS AND NMDA-RECEPTOR ANTAGONISM ON THE ONTOGENY OF OBJECT-IN-CONTEXT RECOGNITION IN THE RAT – **Travel Awardee**
A.I. Ramsaran & M.E. Stanton
13. THE INFLUENCE OF MATERNAL ANTENATAL STRESS AND CORTISOL ON BIRTH OUTCOMES – **Travel Awardee**
S. Nazzari, F. Ciceri, N. Dottori, M. Molteni, F. Rice, P. Fearon, A. Frigerio
14. EARLY DEPRIVATION ALTERS THE DEVELOPMENT OF AFFECTIVE AND SOCIAL BEHAVIOR IN RATS SELECTIVELY BRED FOR AN INFANTILE TRAIT
B. Zimmerberg, & C. Bope

15. THE INCIDENCE OF DEPRESSION IN PREGNANT WOMEN IS HIGH IN AN URUGUAYAN POPULATION AND PREDICTED BY EMOTIONAL AND PHYSICAL ABUSE IN MOTHERS' FAMILY OF ORIGIN: A PILOT STUDY
D.E. Olazábal, A.S. Fleming, G. Grandí, D. Musetti, G.Rey, L. Fernández, G. Laporte, F. Medici, & E. Nicolaisen
16. INTERVENING EARLY TO AFFECT TELOMERE LENGTH – **Travel Awardee**
J.R. Hoye, A. Asok, K. Bernard, T.L. Roth, & M. Dozier
17. STRESS IMPAIRS COGNITIVE FLEXIBILITY IN 15-MONTH-OLD INFANTS– **Travel Awardee**
S. Seehagen, S. Schneider, & N. Zmyj
18. EFFECTS OF UNPREDICTABLE VARIABLE PRENATAL STRESS (UVPS) ON BDNF DNA METHYLATION AND TELOMERE LENGTH IN THE ADULT RAT BRAIN – **Travel Awardee**
J. Blaze, A. Asok, C.D. Tulbert, A.E. Ronca, &T.L. Roth
19. DOES UNPREDICTABLE VARIABLE PRENATAL STRESS (UVPS) ALTER MATERNAL CARE AND MODULATE TELOMERE LENGTH IN ADULT RAT BRAIN?– **Travel Awardee**
E.L. Moyer, A. Asok, J. Blaze, T.L. Roth, & A.E. Ronca
20. UNPREDICTABLE VARIABLE PRENATAL STRESS PROGRAMS ENDURING EFFECTS ON THE STRESS AXIS IN MALE AND FEMALE RATS
A.E. Ronca, E.L. Moyer, J. Varholick, J.L., Bollinger, C.D. Tulbert, & L.A. Baer
21. ADOLESCENT FEAR MEMORIES AND DNA METHYLATION FOLLOWING EXPOSURE TO CAREGIVER MALTREATMENT – **Travel Awardee**
T.S. Doherty & T.L. Roth
22. LOOKING FOR POTENTIATION OF LATENT INHIBITION IN PREWEANLING RATS
U. Liberal, M. Gaztañaga, A. Angulo, & G. Rodríguez
23. ROLE OF CONTEXT IN THE EXTINCTION PARADIGM IN PREWEANLING RATS – **Travel Awardee**
D.A. Revillo, G. Trebucq, G. Paglini, & C. Arias

8:00-9:00 **AQUARIUM TOUR**

9:00-12:00 **STUDENT SOCIAL – *Sirimiri***

Wednesday, July 22

8:30-10:30 **ORAL SESSION 3: ATTENTION, LEARNING, AND MEMORY**

Chair: Mark Stanton

- | | |
|-------------|--|
| 8:30-8:45 | NEW LEARNING VS UNLEARNING: EXAMINATION OF THE INFRALIMBIC CORTEX-AMYGDALA-HIPPOCAMPUS CIRCUITRY IN EXTINCTION OF CONDITIONED FEAR J.H. Kim, C.H.J. Park, A.G. Paolini, D.E. Ganella |
| 8:45-9:00 | NEONATAL MERCURY EXPOSURE ALTERS HIPPOCAMPUS-DEPENDENT MEMORY AND ANXIETY IN RATS P.S. Hunt |
| 9:00-9:15 | EXTINCTION OF CONDITIONED CUES REDUCES INCUBATION OF COCAINE CRAVING IN ADOLESCENT AND ADULT RATS – Travel Awardee H.B. Madsen, I.C. Zbukvic, S. Luikinga, A.J. Lawrence, & J.H. Kim |
| 9:15-9:30 | METHAMPHETAMINE ABUSE IN ADOLESCENCE: EXAMINATION OF DRUG INTAKE, EXTINCTION AND REINSTATEMENT USING THE INTRAVENOUS SELF-ADMINISTRATION PARADIGM – Travel Awardee S.J. Luikinga, H.B. Madsen, I.C. Zbukvic, A.J. Lawrence, J.H. Kim |
| 9:30-9:45 | THE EFFECT OF D-PENICILLAMINE ADMINISTRATION DURING PRENATAL ETHANOL EXPOSURE IN 5 AND 14 DAY-OLD RATS M. Gaztañaga , A.Angulo-Alcalde , N.E. Spear and M.G. Chotro |
| 9:45-10:00 | AGE-RELATED CHANGES AND SEX DIFFERENCES IN VISUOSPATIAL WORKING MEMORY IN 2- TO 4-YEAR-OLDS – Travel Awardee L. Zimmermann, R. Speidel, and R. Barr |
| 10:00-10:15 | REAL-TIME ANALYSIS OF COVERT ATTENTION USING STEADY-STATE VISUAL EVOKED POTENTIALS REVEALS ROBUST INHIBITION OF RETURN DURING FREE-LOOKING BY YOUNG INFANTS S.S. Robertson |
| 10:15-10:30 | SEX DIFFERENCES IN EEG ACTIVITY DURING EXECUTIVE PROCESSING: A COMPARISON OF INFANTS AND YOUNG CHILDREN – David Kucharski Young Investigator Awardee K. Cuevas, S.D. Calkins, and M.A. Bell |

10:30-11:00 **MORNING BREAK**

11:00-12:00 **JOHN WILEY DISTINGUISHED SPEAKER**

A. David Edwards, King's College London
Chair: April Ronca
THE DEVELOPING HUMAN CONNECTOME PROJECT

12:00-12:35 TRAVEL AWARD 5-MINUTE PRESENTATIONS

| Awardee | Advisor | Institution |
|-----------------------|----------------|---------------------------|
| A. Koucheiki | G.F. Michel | UNC-Greensboro |
| J. Latta | G.F. Michel | UNC-Greensboro |
| N.A. Heroux | M.E. Stanton | University of Delaware |
| P.A. Robinson-Drummer | M.E. Stanton | University of Delaware |
| A.I. Ramsaran | M.E. Stanton | University of Delaware |
| S. Nazzari | P. Fearon | University College London |

12:45-2:15 LUNCH – Tennis Oндarreta Restaurant

2:15-3:25 MINI-SYMPOSIUM: HOW EXPOSURE TO LANGUAGE SHAPES THE HUMAN INFANT BRAIN DURING THE FIRST 6 MONTHS OF LIFE

Chairs: Monika Molnar & Manuel Carreiras

2:15-2:30 PRENATAL EXPERIENCE SHAPES PERCEPTION OF PROSODY AT BIRTH
J. Gervain

2:30-2:45 BILINGUAL EXPOSURE SHAPES RESTING STATE BRAIN NETWORKS BY 4 MONTHS OF AGE
M. Molnar, B. Blanco, M. Carreiras, & C. Caballero

2:45-3:00 DOES BILINGUALISM DELAY LANGUAGE ACQUISITION OR SPEED IT UP? EVIDENCE FROM A SIMULTANEOUS EEG-FNIRS STUDY
S. Rossi & M.F. Gugler

3:00-3:15 INFANTS' PREFERENCE TO LOOK AT A SPEAKER'S MOUTH MODULATES ACTIVATION OF FRONTAL BRAIN AREAS DURING SPEECH PERCEPTION
N. Altvater-Mackensen & T. Grossman

3:15-3:25 Discussion: M. Carreiras

3:25-4:15 TRAVEL AWARD 5-MINUTE PRESENTATIONS

| Awardee | Advisor | Institution |
|--------------------|----------------------|--|
| S. Troller-Renfree | N.A. Fox | University of Maryland |
| M.L. Ramos | B.C. Reeb-Sutherland | Florida International University |
| S.C. Belnap | R. Lickliter | Florida International University |
| J.R. Hoyer | M. Dozier | University of Delaware |
| S. Seehagen | S. Schneider | Ruhr-Universität Bochum |
| T.S. Doherty | T.L. Roth | University of Delaware |
| S.M. Dinces | A.C. Tang | University of New Mexico |
| D.A. Revillo | C. Arias | Instituto de Investigación Médica M. y M. Ferreyra |

4:15-4:35 AFTERNOON BREAK

4:35-6:35 ORAL SESSION 4: MOTOR AND SOCIAL DEVELOPMENT

Chair: Jane Herbert

4:35-4:50 CHILDREN IMITATE ACTIONS WITH OBJECTS AFTER A DELAY WITHOUT OBVIOUS USE OF RATIONAL INFERENTIAL PROCESSES
M. Heimann, A. Edorsson, A. Sundqvist, & F. Koch

4:50-5:05 ONTOGENY OF ULTRASONIC VOCALIZATION AND RESPIRATORY RESPONSES TO AN AVERSIVE EVENT IN RATS – **Travel Awardee**
J. Boulanger Bertolus, M. Rincon-Cortes, R. M. Sullivan, & A.-M. Mouly

5:05-5:20 SOME LIKE IT HOT: TEMPERATURE PREFERENCE AND REPRODUCTION IN HARTLEY AND HAIRLESS GUINEA PIGS
G.A. Kleven, P. Joshi, & S.A. Bellinger

5:20-5:35 DOES INFANT HANDEDNESS TRAJECTORY AFFECT STACKING ABILITY? – **Travel Awardee**
E. C. Marciniowski, J. M. Campbell, & G. F. Michel

5:35-5:50 THE DEVELOPMENTAL CASCADE OF A HAND PREFERENCE FOR ACQUIRING OBJECTS INTO A HAND PREFERENCE FOR THEIR UNIMANUAL MANIPULATION – **Travel Awardee**
J. M. Campbell, E. C. Marciniowski, & G. F. Michel

5:50-6:05 PREMATURETY AND UNDERWEIGHT: PREDICTORS FOR PSYCHOMOTOR DEVELOPMENT?
A. Sistiaga, M. Estevez, M. Gaztañaga, J. Aliri, G. Labayru, J. Acha, & M.D. Elorza

6:05-6:20 FLEXOR AND EXTENSOR MUSCLE RECRUITMENT DURING LEG MOVEMENTS IN CHICK EMBRYOS – **Travel Awardee**
S. Sun & N.S. Bradley

6:20-6:35 ASSESSING NEWBORN CRAWLING IN RESPONSE TO TERRESTRIAL OPTIC FLOW – **Travel Awardee**
V. Forma, D. Anderson, & M. Barbu-Roth

9:00-12:00 GALA DINNER CELEBRATION – Mirador de Ulúa (this event requires advance reservation & ticket)

Thursday, July 23

- 8:30-10:30 SYMPOSIUM: EPIGENETIC CONSEQUENCES AND TRANSGENERATIONAL INHERITANCE OF STRESS**
Chairs: Tania Roth & Aron Weller
- 8:30-8:55 EPIGENETIC CONSEQUENCES AND TRANSGENERATIONAL INHERITANCE OF STRESS
T.L. Roth
- 8:55-9:20 DNA METHYLATION MEDIATING THE IMPACT OF MATERNAL SOCIAL STATE ON OFFSPRING PHENOTYPE
M. Szyf
- 9:20-9:45 INFLUENCE OF OLFACTORY FEAR CONDITIONING ON OLFACTORY NEUROANATOMY AND SENSITIVITY IN SUBSEQUENTLY CONCEIVED GENERATIONS – **Travel Awardee**
B. Dias and K.J. Ressler
- 9:45-10:10 EPIGENETIC MECHANISMS MEDIATING PERINATAL STRESS - INDUCED TRANSGENERATIONAL NEURONAL AND SYNAPTIC CHANGES IN PREFRONTAL-LIMBIC-HYPOTHALAMIC (PLH) CIRCUITS
K. Braun, N. Groeger, K. Rether, A. Lesse, & J. Bock
- 10:10-10:30 TRANSGENERATIONAL EPIGENETIC PROGRAMMING OF HYPOTHALAMIC MECHANISMS THAT REGULATE FEEDING AND OBESITY BY HIGH FAT DIET
A. Weller, A. Marco, T. Kisliouk, T. Tabachnik, & N. Meiri
- 10:30-10:45 MORNING BREAK**
- 10:45-11:45 ISDP BUSINESS MEETING – ALL INVITED**
- END OF ISDP CONFERENCE**

SAVE THE DATES

**PLEASE JOIN US NEXT YEAR
FOR THE 49TH ANNUAL MEETING OF THE
INTERNATIONAL SOCIETY FOR DEVELOPMENTAL
PSYCHOBIOLOGY**

**November 9 – 12, 2016
Catamaran Resort Hotel, San Diego, CA, USA**

**Future Meetings:
October 31-Nov 3, 2018
Catamaran Resort Hotel, San Diego California, USA**

ISDP Central Office

1123 Comanche Path, Bandera, TX 78003-4212

Phone: 830-796-9393 (Toll-free from within the US: 866-377-4416)

Fax: 830-796-9394 - Email: isdpc@isdpc.org

ISDP Contacts

Affiliations and Email Addresses for Presenting Authors

Aigueperse, Nadège
University of Rennes 1
nadege.aigueperse@univ-rennes1.fr

Alberts, Jeffrey
Indiana University
alberts@indiana.edu

Altwater-Mackensen, Nicole
Max Planck Institute for Human Cognitive
and Brain Sciences
altwater@cbs.mpg.de

Andiarena, Ainara
University of the Basque Country
ainara.andiarena@gmail.com

Angulo, Asier
University of the Basque Country
asier232@gmail.com

Bacher, Leigh
SUNY Oswego
leigh.bacher@oswego.edu

Bailoo, Jeremy
The University of Bern
jeremy.bailoo@vetsuisse.unibe.ch

Barnet, Robert
College of William & Mary
rcbarn@wm.edu

Barr, Rachel
Georgetown University
rfb5@georgetown.edu

Bath, Kevin
Brown University
kevin_bath@brown.edu

Belnap, Starlie
Florida International University
sbeln001@fiu.edu

Bennett, Allyson
University of Wisconsin – Madison
ajbennett2@wisc.edu

Bertin, Aline
UMR Physiologie de la Reproduction et
des Comportements
aline.bertin@tours.inra.fr

Blaze, Jennifer
University of Delaware
jblaze@psych.udel.edu

Boomhower, Steven
Auburn University
srb0028@auburn.edu

Boulanger Bertolus, Julie
Lyon Neuroscience Research Center
julie.boulanger-bertolus@inserm.fr

Braun, Anna Katharina
Institute of Biology
katharina.braun@ovgu.de

Brito, Natalie
Columbia University
nhb2111@columbia.edu

Brown, Richard
Dalhousie University
rebrown@dal.ca

Brummelte, Susanne
Wayne State University
sbrummelte@wayne.edu

Bryant, Lauren
University of Connecticut
lauren.bryant@uconn.edu

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

Candau, Joël
University of Nice Sophia Antipolis
joelcandau@gmail.com

Cavigelli, Sonia
Pennsylvania State University
sac34@psu.edu

Caruso, Michael
Pennsylvania State University
mjc5038@psu.edu

Castelló, Stefania
Instituto de Investigación
Médica M. y M. Ferreyra
stefcastello@gmail.com

Chotro, M. Gabriela
University of the Basque Country
UPV/EHU
g.chotro@ehu.es

Clafin, Dragana
Wright State University
dragana.clafin@wright.edu

Cuevas, Kimberly
University of Connecticut
kimberly.cuevas@uconn.edu

Dettmer, Amanda
Eunice Kennedy Shriver National Institute
of Child Health & Human Development
adetmer@gmail.com

Dias, Brian
Emory University
bdias@emory.edu

Dinces, Sarah
University of New Mexico
sdinces@unm.edu

Doherty, Tiffany
University of Delaware
tdoherty@psych.udel.edu

Edalati, Hanie
University of British Columbia
hanie.edalati@ubc.ca

Edwards, A. David
King's College London
ad.edwards@kcl.ac.uk

Eiden, Rina
State University of New York at Buffalo
eiden@ria.buffalo.edu

Flynn, Emma
Durham University
e.g.flynn@durham.ac.uk

Forma, Vincent
Université Paris Descartes
vince.forma@hotmail.fr

Fox, Nathan
University of New Mexico
fox@umd.edu

Froemke, Robert
NYU School of Medicine
robert.froemke@med.nyu.edu

Gaztañaga Echeverria, Mirari
University of the Basque Country (UPV-
EHU)
mirari.gaztanaga@ehu.es

Gervain, Judit
CNRS
judit.gervain@parisdescartes.fr

Gobinath, Aarthi
University of British Columbia
agobinath@psych.ubc.ca

Hannigan, John
Wayne State University
j.hannigan@wayne.edu

Hanrion-Monnier, Elodie
Université Paris Descartes
elodie.hanrion@etu.parisdescartes.fr

Heimann, Mikael
Linköping University
mikael.heimann@liu.se

Heroux, Nicholas
University of Delaware
nheroux@psych.udel.edu

Houdelier, Célia
University of Rennes1 – CNRS
cecilia.houdelier@univ-rennes1.fr

Hoye, Julie
University of Delaware
jhoeye@psych.udel.edu

Hunt, Pamela
College of William & Mary
pshunt@wm.edu

Kaburu, Stefano
National Institutes of Health
stefano.kaburu@nih.gov

Kim, Jee Hyun
The Florey Institute of Neuroscience and
Mental Health
drieehyunkim@gmail.com

Kiryanova, Veronika
University of Calgary
vkirvano@gmail.com

Kleven, Gale
Write State University
gale.kleven@wright.edu

Konrad, Carolin
Ruhr-Universität Bochum
carolin.konrad@rub.de

Koucheki, Ashkon
University of North Carolina at Greensboro
a_kouche@uncg.edu

Latta, Jonathan
University of North Carolina at Greensboro
jalatta@uncg.edu

Learmonth, Amy
William Paterson University
learnontha@wpunj.edu

Lee, Francis
Weill Cornell Medical College
fslee@med.cornell.edu

Leech, Kirk
European Animal Research Association
kleech@eara.eu

Liberal, Unai
University of the Basque Country
UPV/EHU
unai.liberal@ehu.eus

Luikinga, Sophia
The Florey Institute of Neuroscience and
Mental Health
luikingas@student.unimelb.edu.au

Madsen, Heather
The Florey Institute of Neuroscience and
Mental Health
heather.madsen@florey.edu.au

Manzano-Nieves, Gabriela
Brown University
gabriela_manzano_nieves@brown.edu

Marcinowski, Emily
University of North Carolina at Greensboro
ecmarcin@uncg.edu

Molnar, Monika
BCBL
m.molnar@bcbl.edu

Montgomery-Downs, Hawley
West Virginia University
Hawley.montgomery-downs@mail.wvu.edu

Moyer, Eric
NASA Ames Research Center
eric.l.moyer@nasa.gov

Nadal, Roser
Universitat Autònoma de Barcelona
Roser.nadal@uab.es

Nazzari, Sarah
University College London
sarah.nazzari.13@ucl.ac.uk

Nelson, Charles
Harvard University
charles.nelson@childrens.harvard.edu

Nordqvist, Emelie
Linköping University
emelie.nordqvist@liu.se

Nugent, J. David
Columbia University
jdavidnugent@gmail.com

Olazabal, Daniel
Facultad de Medicina
dolazabal@fmed.edu.uv

Ordonez-Retamar, Maria
Columbia University
ordonez@nyspi.columbia.edu

Patris, Bruno
CNRS-University of Burgundy-INRA
bruno.patris@u-bourgogne.fr

Peña, Catherine
Icahn School of Medicine at Mount Sinai
cate.j.pena@gmail.com

Perry, Rosemaire
New York University
Rosemarie.Perry@nyumc.org

Popoola, Daniel
Binghamton University
dpopool1@binghamton.edu

Ragan, Christina
Michigan State University
christina.ragan@gmail.com

Ramos, Michelle
Florida International University
mramo033@fiu.edu

Ramsaran, Adam
University of Delaware
adamr@udel.edu

Reeb-Sutherland, Bethany
Florida International University
besuther@fiu.edu

Revillo, Damian
Instituto de Investigación Médica M. y M.
Ferreyra
drevillo@immf.uncor.edu

Rincón-Cortés, Millie
Sackler Institute at the New York
University School of Medicine
millie.rinconcortes@med.nyu.edu

Robertson, Steven
Cornell University
ssr4@cornell.edu

Robinson-Drummer, Patrese
University of Delaware
probinson@psych.udel.edu

Rodd, Zachary
Indiana University
zrodd@iupui.edu

Romeo, Russ
Barnard College of Columbia University
romeo@barnard.edu

Ronca, April
Wake Forest Univ School of Medicine
NASA Ames Research Center
April.E.Ronca-1@nasa.gov

Rossi, Sonja
Medical University of Innsbruck
sonja.rossi@i-med.ac.at

Roth, Tania
University of Delaware
troth@psych.udel.edu

Sanchez, Mar
Emory University
mmsanch@emory.edu

Seehagen, Sabine
Ruhr-Universität Bochum
sabine.seehagen@rub.de

Shoemaker, William
University of Connecticut Health Center
shoemake@psychiatry.uhc.edu

Sistiaga, Andone
University of the Basque Country (UPV-
EHU)
andone.sistiaga@ehu.eus

Sun, SooYeon
University of Southern California
sooyeons@usc.edu

Swann, Hillary
Idaho State University
swanhill@isu.edu

Szyf, Moshe
McGill University
moshe.szyf@mcgill.ca

Takesian, Anne
Harvard University
Anne.Takesian@childrens.harvard.edu

Tarullo, Amanda
Boston University
atarullo@bu.edu

Taylor, Gemma
Lancaster University
g.taylor4@lancaster.ac.uk

Telzer, Eva
University of Illinois
ehtelzer@illinois.edu

Tottenham, Nim
University of California Los Angeles
nimtottenham@gmail.com

Troller-Renfree, Sonya
University of Maryland
str@umd.edu

Varholick, Justin
University of Bern
justin.varholick@vetuisse.unibe.ch

Wang, Jingyi
University of Tübingen
jingyi.wang@medizin.uni-tuebingen.de

Watanasriyakul, Withayapon
Wright State University
tang.watanasriyakul@gmail.com

Weller, Aron
Bar-Ilan University
aron.weller@biu.ac.il

Yang, Joel
Columbia University
yang.jsc@gmail.com

Zimmerberg, Betty
Williams College
betty.zimmerberg@williams.edu

Zimmerman, Laura
Georgetown University
liz7@georgetown.edu

ISDP 2015 AWARDS



ISDP Dissertation Award

Millie Rincón-Cortés. This award honors outstanding scientists early in their careers and to help defray costs of attending the meeting. Winner of this award will do a special presentation of her dissertation at the annual meeting.



Sandra G. Wiener Award

Steven Boomhower. This award was established in memory of Sandra Wiener to help defray costs of graduate students attending the annual meeting of ISDP. This award was established to honor Sandy for her interest and concern for students and her dedication and affection for ISDP.



Kucharski Young Investigator Award

Kimberly Cuevas. This Kucharski Young Investigator award is given to honor the memory of David Kucharski, a promising young investigator in the field of Developmental Psychobiology.

ISDP 2015 Travel Awards

Funding for these awards was generously provided by Wiley, Sackler Institute for Developmental Psychobiology at Columbia University, Eunice Kennedy Shriver National Institute of Child Health & Human Development, Mead Johnson Nutrition, Columbia University Nurture Science Program, and the Members of the International Society for Developmental Psychobiology.

| Name | Advisor | Institution | Name | Advisor | Institution |
|--------------------------|----------------------|--|---------------------------|-------------------------|--|
| Jeremy D. Bailoo | George Michel | University of Bern | Gabriela Manzano-Nieves | Kevin Bath | Brown University |
| Starlie Belnap | Robert Lickliter | Florida International University | Emily Marcinowski | George Michel | Univ North Carolina Greensboro |
| Jennifer Blaze | Tania Roth | University of Delaware | Eric Moyer | April Ronca | NASA Ames Research Center |
| Julie Boulanger Bertolus | Anne-Marie Mouly | Lyon Neuroscience Res Center | Sarah Nazzari | Pasco Fearon | University College London |
| Natalie Brito | William Fifer | Columbia University | J. David Nugent | William Fifer | New York State Psychiatric Institute |
| Lauren Bryant | Kimberly Cuevas | University of Connecticut | Maria Ordonez-Retamar | William Fifer | Columbia University |
| Julie Campbell | George Michel | Univ North Carolina-Greensboro | Catherine Peña | Eric Nestler | Icahn School of Medicine at Mount Sinai |
| Michael Caruso | Sonia Cavigelli | Pennsylvania State University | Rosemarie Perry | Regina Sullivan | New York University |
| Stefanía Castelló | Carlos Arias Grandio | Instituto de Investigación Médica M. y M. Ferreyra | Daniel Popoola | Nicole Cameron | Binghamton University |
| Amanda Dettmer | Stephen Suomi | Eunice Kennedy Shriver NICHD | Christina Ragan | Joseph Lonstein | Michigan State University |
| Brian Dias | Kerry Ressler | Emory University | Michelle Ramos | Bethany Reeb-Sutherland | Florida International University |
| Sarah Dinces | Akaysha Tang | University of New Mexico | Adam Ramsaran | Mark Stanton | University of Delaware |
| Tiffany Doherty | Tania Roth | University of Delaware | Damian Revillo | Carlos Arias Grandio | Instituto de Investigación Médica M. y M. Ferreyra |
| Hanie Edalati | Marvin Krank | University of British Columbia | Patrese Robinson-Drummer | Mark Stanton | University of Delaware |
| Vincent Forma | Marianne Barbu-Roth | Université Paris Descartes | Sabine Seehagen | Silvia Schneider | Ruhr-Universität Bochum |
| Aarthi Gobinath | Liisa Galea | University of British Columbia | SooYeon Sun | Nina Bradley | University of Southern California |
| Nicholas Heroux | Mark Stanton | University of Delaware | Gemma Taylor | Jane Herbert | Lancaster University |
| Julie Hoye | Mary Dozier | University of Delaware | Sonya Troller-Renfree | Nathan Fox | University of Maryland |
| Stefano Kaburu | Pier Ferrari | National Institutes of Health | Justin Varholick | Jeremy Bailoo | University of Bern |
| Veronika Kiryanova | Richard Dyck | University of Calgary | Jingyi Wang | Jan Born | University of Tübingen |
| Ashkon Kouchekei | George Michel | Univ North Carolina-Greensboro | Withayapon Watanasriyakul | Michael Hennessy | Wright State University |
| Jonathan Latta | George Michel | Univ North Carolina-Greensboro | Joel Yang | William Fifer | Columbia University |
| Sophia Luikinga | Jee Hyun Kim | Florey Institute of Neuroscience and Mental Health | Laura Zimmermann | Rachel Barr | Georgetown University |
| Heather Madsen | Jee Hyun Kim | Florey Institute of Neuroscience and Mental Health | | | |