



**ISDP 2022 Hybrid:
55th Annual Meeting of the
International Society for
Developmental Psychobiology**

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ZERO TO THREE
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FINAL PROGRAM

November 9-11, 2022

Catamaran Resort Hotel & Spa, San Diego, USA

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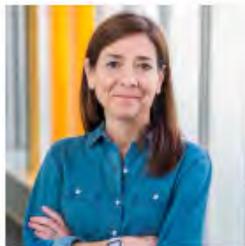
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Program at a Glance

ISDP 2022 FINAL PROGRAM AT A GLANCE		
TIME	Wednesday, November 9	
10:30 – 11:30	Perinatal Pre-Conference Symposium 1: YOU ARE WHAT MOTHER EATS: TRANSLATIONAL AND CLINICAL WORK ON THE INFLUENCE OF PRENATAL MATERNAL NUTRITION ON OFFSPRING NEUROBEHAVIORAL HEALTH	
11:30 – 12:30	Lunch On Own	
12:30 – 14:15	Perinatal Pre-Conference Symposium 2: NOVEL EEG METHODS FOR THE STUDY OF BRAIN FUNCTION ACROSS DEVELOPMENT	
14:15 – 15:15	Perinatal Pre-Conference Poster Pitches	
15:15 – 15:30	Coffee Break	
15:30 – 17:00	ISDP 2022 Opening Session - Symposium Session 1: Columbia University Department of Psychiatry Sponsored Symposium: NEUROBIOLOGICAL MECHANISMS UNDERLYING THE EFFECTS OF ATTACHMENT ON DEVELOPMENT ACROSS SPECIES	
17:00 – 17:45	ISDP Presidential Address: Megan R. Gunnar, PhD, University of Minnesota	
17:45 – 19:30	Welcome Reception and Poster Session 1	
	Thursday, November 10	Friday, November 11
7:00 – 9:00	Virtual Poster Session 1	
8:00 – 9:00	Meet the Professors Breakfast Meeting	
8:00 – 9:00	Continental Breakfast	Continental Breakfast
9:00 – 10:30	Symposium Session 2: YOUNG INVESTIGATOR SYMPOSIUM: SOCIOCULTURAL STRESSORS, PRENATAL STRESS AND BIRTH OUTCOMES AMONG RACIALLY AND ETHNICALLY MARGINALIZED POPULATIONS	Symposium Session 4: GOLDEN SLUMBERS – THE IMPORTANCE OF EARLY LIFE SLEEP FOR NEUROBIOLOGICAL DEVELOPMENT AND BEHAVIOR
10:30 – 10:45	Coffee Break	Coffee Break
10:45 – 11:00		Oral Session 3: Parental Exposure Effects
11:00 – 11:15	Oral Session 1: Early Life Adversity/Stress	
11:15 – 11:45		
11:45 – 12:00		Lunch On Own
12:00 – 13:00	Lunch On Own	
13:00 – 13:30		Symposium Session 5: INFUSING COMMUNITY-ENGAGED METHODS WITH DEVELOPMENTAL PSYCHOBIOLOGICAL SCIENCE
13:30 – 14:00	Symposium Session 3: PARENTING IN ALTRICIAL SPECIES: IMPLICATIONS FOR CO-EVOLVED AND CO-DEVELOPING PARENT-OFFSPRING SYSTEMS	DEI Presentation and 2022 Wiley Distinguished Speaker: Norissa Williams, PhD, MSW
14:00 – 14:30		
14:30 – 15:00		
15:00 – 15:30	Coffee Break	
15:30 – 15:45	Oral Session 2: Stress in Adolescence	Coffee Break
15:45 – 16:30		Oral Session 4: Regulation & Cognitive Control
16:30 – 16:55	ISDP Awards Session	
16:55 – 17:15		ISDP Business Meeting
17:15 – 17:30		Invitation to ISDP 2023 in Utrecht, Netherlands
17:30 -19:00	Poster Session 2 & Reception	Adjourn
20:00 – 21:30	Virtual Poster Session 2	

Program Director: Peter Gerhardstein, Binghamton University-SUNY
Conference Coordinator: Julie Campbell, Illinois State University
Conference Associate Coordinators: Christopher Harshaw, University of New Orleans & Margaret Whedon, Rutgers Robert Wood Johnson Medical School

Perinatal Pre-Conference Program Director: Marion van den Heuvel, Tilburg University,
Sponsored by the: International Perinatal Brain and Behavior Network (IPBBN)

PROGRAM

Registration Desk opens at 9:00 AM for Perinatal Pre-Conference and ISDP 2022 Hybrid Meeting

Wednesday, November 09: Kon Tiki Ballroom

10:30 AM - 11:30 AM

Perinatal Pre-Conference Symposium 1: YOU ARE WHAT MOTHER EATS: TRANSLATIONAL AND CLINICAL WORK ON THE INFLUENCE OF PRENATAL MATERNAL NUTRITION ON OFFSPRING NEUROBEHAVIORAL HEALTH

Chair: Elinor L. Sullivan, Associate Professor in Psychiatry, Oregon Health & Science University, Portland, USA

Co-Chair & Discussant: Elizabeth K. Wood, Ph.D., Post-doctoral Trainee, Psychiatry Department, Oregon Health & Science University, Portland, USA

MATERNAL PRENATAL DIETARY GLYCEMIC INDEX PREDICTS INFANT NEGATIVE AFFECT AT 6 MONTHS IN A PROSPECTIVE LONGITUDINAL COHORT, Elizabeth K. Wood, Ph.D., Post-doctoral Trainee, Psychiatry Department, Oregon Health & Science University, Portland, OR

THE EFFECTS OF PRENATAL OBESOGENIC NUTRITION ON INFANT SUBCORTICAL BRAIN VOLUMES, Jose N. Murgueitio, Graduate Student, University of North Carolina at Chapel Hill, Chapel Hill, NC

MATERNAL WESTERN-STYLE DIET INCREASES REPETITIVE BEHAVIORS AND DECREASES SOCIAL BEHAVIOR IN JAPANESE MACAQUES, Elinor L. Sullivan, Associate Professor in Psychiatry, Oregon Health & Science University, Portland, OR

PERINATAL MATERNAL HIGH-FAT DIET HAS LASTING ADVERSE CONSEQUENCES ON OFFSPRING BEHAVIOR, Kellie Tamashiro, Ph.D., Associate Professor of Psychiatry & Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD

Lunch on Own

11:30 PM - 12:30 PM

Wednesday, Nov 09: Kon Tiki Ballroom 12:30 PM - 02:15 PM

Perinatal Pre-Conference Symposium 2: NOVEL EEG METHODS FOR THE STUDY OF BRAIN FUNCTION ACROSS DEVELOPMENT

 **magstim EGI** Sponsored Session

Chair: Santiago Morales, PhD, Department of Psychology, University of Southern California, USA

Discussant: George Buzzell, PhD, Florida International University, Miami, USA

Continued Wednesday, Nov 09

ASSESSING BRAIN ACTIVITY USING MOBILE ELECTROENCEPHALOGRAPHY, Sonya V. Troller-Renfree, PhD, Department of Biobehavioral Sciences, Teachers College, Columbia University, USA

A DEVELOPMENTAL PERSPECTIVE ON CORTICAL SOURCE ANALYSIS, Stefania Conte, PhD, Department of Psychology, University of South Carolina, USA

PARAMETERIZATION OF PERIODIC AND APERIODIC EEG ACTIVITY IN INFANTS, CHILDREN, AND ADOLESCENTS, Brendan Ostlund, PhD, Department of Psychology, The Pennsylvania State University, USA

WHAT CAN EEG TIME-FREQUENCY ANALYSIS REVEAL ABOUT CHILDREN'S NEUROCOGNITIVE DEVELOPMENT?, Santiago Morales, PhD, Department of Psychology, University of Southern California, USA

Kon Tiki Ballroom 02:15 PM - 03:15 PM

Perinatal Pre-Conference Poster Pitches

Chairs: Marion van den Heuvel, PhD, Tilburg University, Tilburg, Netherlands

Co-Chair: Rebecca Lipschutz, M.S., Clinical Psychology Doctoral Student, University of Houston

2:15 PM PN01 OPENPOSE-BASED MOVEMENT ARTIFACT REJECTION (OMAR) FOR INFANT EEG DATA, Sahana Nagabhushan Kalburgi, Children's Hospital Los Angeles, Los Angeles, United States

2:20 PM PN02 THE EFFECT OF PRENATAL EXPOSURE TO THC, NICOTINE, AND THE COMBINATION ON EARLY MOTOR DEVELOPMENT IN A RODENT MODEL, Alia Westphal, San Diego State University, San Diego, United States

2:25 PM PN03 MATERNAL PREGNANCY-SPECIFIC ANXIETY AND INFANT OUTCOMES AT 12 MONTHS: THE MEDIATING ROLE OF MATERNAL PRENATAL INFLAMMATION, Gabrielle Rinne, University of California Los Angeles, Los Angeles, United States

2:30 PM PN04 PRENATAL CANNABIS EXPOSURES AND CHILD AUTISM RELATED OUTCOMES, Chaela Nutor, Emory University, Atlanta, United States

2:35 PM PN05 NEURAL MECHANISMS OF FEEDING DYSREGULATION FOLLOWING PRENATAL OPIOID EXPOSURE IN MALE AND FEMALE RATS, Kelsea Gildawie, Tufts University, North Grafton, United States

2:40 PM PN06 GESTATIONAL WEIGHT GAIN AND INFANT EMOTION REGULATION: NEGATIVE EMOTIONALITY AND AFFECT-BIASED ATTENTION AT 6 MONTHS, Chen Su, University of Denver, Denver, United States

2:45 PM PN07 NEUROPHYSIOLOGY OF SUSTAINED ATTENTION IN EARLY INFANCY: INVESTIGATING LONGITUDINAL RELATIONS WITH RECOGNITION MEMORY, Annie Aitken, New York University, Brooklyn, United States

2:50 PM PN08 CULTURAL VARIABILITY IN PARENT-CHILD INTERACTIONS DURING INFANCY, Claudia Espinoza-Heredia, Columbia University, New York, United States

Continued Wednesday, Nov 09

2:55 PM PN09 SEX DIFFERENCES IN THE MATURATION OF THE GRASP IN INFANCY: A LONGITUDINAL KINEMATIC ANALYSIS, Kaitlyn Campbell, Temple University, Philadelphia, United States

3:00 PM PN10 EARLY EXPOSURE TO INTIMATE PARTNER VIOLENCE AND SALIENCE NETWORK FUNCTIONAL CONNECTIVITY IN SOUTH AFRICAN INFANTS OVER THE FIRST POSTNATAL YEAR, Michal Zieff, University of Cape Town, Cape Town, South Africa

3:05 PM PN11 INFANTS PRENATALLY EXPOSED TO SARS-COV-2 SHOW THE ABSENCE OF FIDGETY MOVEMENTS AND ARE AT HIGHER RISK FOR NEUROLOGICAL DISORDERS: A COMPARATIVE STUDY, Vania Aldrete, Universidad Panamericana campus Ciudad de México, Ciudad de Mexico, Mexico

3:10 PM PN12 MATERNAL ART THROUGHOUT PREGNANCY PREVENTS CAUDATE VOLUME REDUCTIONS IN HIV-EXPOSED UNINFECTED NEONATES, Abdulmumin Ibrahim, University of Cape Town, Cape Town, South Africa **VIRTUAL**

Coffee Break

03:15 PM - 03:30 PM

Kon Tiki Ballroom

03:30 PM - 05:00 PM

ISDP 2022 Symposium Session 1: Columbia University Department of Psychiatry Sponsored Symposium: NEUROBIOLOGICAL MECHANISMS UNDERLYING THE EFFECTS OF ATTACHMENT ON DEVELOPMENT ACROSS SPECIES



Sponsored Session

Chairs: Camelia E. Hostinar, Ph.D., Assistant Professor, University of California-Davis Psychology Department and **Paul D. Hastings, Ph.D.**, Professor, University of California-Davis Psychology Department

FATHER-DAUGHTER ATTACHMENT BONDS MEDIATE DISTRESS RESPONSES FOLLOWING AN ACUTE SOCIAL SEPARATION IN COPPERY TITI MONKEYS (PLECTUROCEBUS CUPREUS), Lynea R. Witczak, University of California-Davis, Department of Psychology & California National Primate Research Center

FATHERS' SOCIALIZATION CONTRIBUTES TO CHILDREN'S SOCIAL DEVELOPMENT VIA THEIR PARASYMPATHETIC REGULATION, Paul D. Hastings, University of California Davis, Department of Psychology & University of California Davis, Center for Mind and Brain

INFANTILE COLIC, ATTACHMENT SECURITY, AND THE DEVELOPMENT OF THE CORTISOL CIRCADIAN RHYTHM ACROSS CHILDHOOD, Stefania Vacaru, Department of Cognitive Neuroscience, Donders Institute for Brain, Cognition, and Behavior, Radboud University Medical Center & Department of Clinical Child and Family Studies, Faculty of Behavioral and Movement Sciences, Vrije Universiteit, The Netherlands

SECURE ATTACHMENT IS ASSOCIATED WITH A TEND-AND-BEFRIEND BEHAVIORAL PROFILE AFTER ACUTE STRESS IN CHILDREN, Sydney Yi, Psychology Department and Center for Mind and Brain, University of California-Davis

Continued Wednesday, Nov 09

Kon Tiki Ballroom 05:00 PM - 05:45 PM

ISDP Presidential Address

Megan R. Gunnar, PhD, University of Minnesota

Aviary Ballroom 05:45PM - 07:30 PM

Welcome Reception and Poster Session 1

For in-person attendees, please join us for the Welcome Reception and Poster Session 1

Thursday, November 10: Virtual Platform/Gather.Town 07:00 AM - 09:00 AM

Virtual iPoster Session 1

Session will be held from 7AM – 9AM PST To access the Gather.Town virtual poster hall, click the Gather.Town Poster Hall Button in the Virtual Platform or Mobile App, and use the password **isdp2022**. . [View the Posters to be presented in the Virtual Poster Sessions.](#)

(in-person participants can also join the virtual poster sessions in Gather.Town either from the conference area or from their rooms, if they wish to discuss the virtual posters with their presenters)

East/West Boardroom 08:00AM - 09:00 AM

Meeting the Professors Breakfast Meeting (space is limited to those who pre-registered), continental breakfast is included from 07:30 – 8:00 AM

Continental Breakfast for all participants from 08:00 AM - 09:00 AM

Kon Tiki Ballroom 09:00 AM - 10:30 AM

ISDP 2022 Symposium Session 2: YOUNG INVESTIGATOR SYMPOSIUM: SOCIOCULTURAL STRESSORS, PRENATAL STRESS AND BIRTH OUTCOMES AMONG RACIALLY AND ETHNICALLY MARGINALIZED POPULATIONS



Chair: Özlü Aran, M.S., M.A., Graduate Student, University of Denver, USA

Discussant: Kimberly D'Anna-Hernandez, Associate Professor of Psychology, Marquette University, USA (VIRTUAL)

ASSOCIATIONS BETWEEN EXPERIENCES OF DISCRIMINATION AND HAIR CORTISOL DURING PREGNANCY, Özlü Aran, M.S., M.A., Graduate Student, University of Denver, CO

DISCRIMINATION AND ADVERSE BIRTH OUTCOMES AMONG PREGNANT LATINA WOMEN: THE PROTECTIVE ROLE OF SOCIAL SUPPORT, Sabrina R. Liu, Ph.D., Postdoctoral Fellow, Conte Center, University of California Irvine and Chapman University, CA

NEIGHBORHOOD-LEVEL STRESS AND SUPPORT: ASSOCIATIONS WITH STRESS REGULATION AND RESILIENCE DURING PREGNANCY, Irene Tung, Ph.D., Assistant Professor of Psychology, California State University Dominguez Hills, CA

Coffee Break, visit the posters & exhibitors 10:00 AM - 10:30 AM

Continued Thursday, Nov 10

Kon Tiki Ballroom

11:00 AM - 12:00 PM

Oral Session 1 - Early Life Adversity Stress

Session Chair: Amanda M. Dettmer, Yale Child Study Center, New Haven, United States

11:00 AM 01:01 PLACENTA LEPTIN DNA METHYLATION LEVELS ARE ASSOCIATED WITH INFANT CORTISOL, Brie M. Reid, Brown University, Rhode Island, United States

11:10 AM 01:02 WORTH THE RISK? EFFECTS OF DEVELOPMENT AND EARLY CARE QUALITY ON LATERAL HABENULA INVOLVEMENT ON INFANT SOCIAL BEHAVIOR FLEXIBILITY, Anne George, Kennedy Krieger Institute & JHU SOM, Baltimore, United States

11:20 AM 01:03 ALTERATIONS IN PRO/ANTI-INFLAMMATORY MARKERS IN HIPPOCAMPUS AND BLOOD AFTER REPEATED SUCROSE AND PAIN EXPOSURE IN MOUSE PUPS, Fermin Hoq, University of British Columbia, Canada

11:30 AM 01:04 IDENTIFYING GROUP-BASED PATTERNS OF ACUTE STRESS REACTIVITY IN SALIVARY ALPHA AMYLASE AND CORTISOL IN YOUNG CHILDREN: ASSOCIATIONS WITH MATERNAL PSYCHOSOCIAL RISK FACTORS, Olivia Silke, University of California, Irvine, Irvine, CA, United States

11:40 AM 01:05 AMNIOTIC FLUID CORTISOL PREDICTS NEONATAL AND INFANT DEVELOPMENT IN NON-STRESSED RHESUS MONKEYS, Amanda M. Dettmer, Yale Child Study Center, New Haven, United States

11:50 AM 01:06 STRUCTURAL NETWORK TOPOLOGY OF THE NEONATAL BRAIN FOLLOWING PRENATAL STRESS ANTIDEPRESSANT EXPOSURE, AND ASSOCIATIONS WITH INFANT BEHAVIOUR AT 2-YEARS, Kayleigh S.J. Campbell, University of British Columbia and BC Children's Hospital Research Institute, Vancouver, Canada

Lunch on Own

12:00 PM - 01:30 PM

Kon Tiki Ballroom

01:30 PM - 03:00 PM

Symposium Session 3: PARENTING IN ALTRICIAL SPECIES: IMPLICATIONS FOR CO-EVOLVED AND CO-DEVELOPING PARENT-OFFSPRING SYSTEMS

Chair: Emma Murrugara, Department of Human Development, Cornell University

Co-Chair & Discussant: Michael Goldstein, Ph.D., Department of Psychology, Cornell University

FROM DISCOORDINATION TO A SINGLE SYSTEM: DEVELOPMENTAL CHANGES IN PARENT-INFANT SOCIAL INTERACTIONS, Tian Linger Xu, Ph.D., Department of Psychological and Brain Sciences, Indiana University

SENSORIMOTOR DECOUPLING AND CAREGIVER RESPONSES: RECIPROCAL EFFECTS ON TRIADIC INTERACTION DEVELOPMENT FROM 4 TO 9 MONTHS, Zhuojun Ying, Department of Cognitive Science, University of California San Diego

HOW INFANT LOCOMOTOR MATURITY INFLUENCES PARENTAL PERCEPTION OF ENVIRONMENTAL THREAT, Emma Murrugara, Department of Human Development, Cornell University

Continued Thursday, Nov 10

VOCAL BEHAVIOUR AND INTERPERSONAL AROUSAL COUPLING IN CAREGIVER-INFANT DYADS, **Sam Wass, PhD**, Professor, Developmental Psychology, Department of Psychological Sciences, School of Psychology, University of East London **VIRTUAL**

Coffee Break, visit the posters & exhibitors

03:00 PM - 3:30 PM

Kon Tiki Ballroom

03:30 PM - 04:30 PM

Oral Session 2 - Stress in Adolescence

Session Chair: *Brie M. Reid, Brown University, Rhode Island, United States*

3:30 PM O2:01 NEURAL SENSITIVITY TO STRESS PREDICTS ANHEDONIA IN

ADOLESCENTS, *Jaelyn S. Kirshenbaum, New York State Psychiatric Institute, New York, United States*

3:40 PM O2:02 PRECONCEPTION EXPOSURE TO CHRONIC SOCIAL AND UNPREDICTABLE ENVIRONMENTAL STRESSORS IMPAIRS SOCIAL PLAY AND PROMOTES DEPRESSIVE-LIKE BEHAVIOR IN PRAIRIE VOLE OFFSPRING: MEDIATION BY PARENTAL PAIR-BONDING AND PARENTING BEHAVIORS, *W. Tang Watanasriyakul, Northern Illinois University, DeKalb, IL, USA*

3:50 PM O2:03 PROBING THE CONTENT OF AFFECTIVE SEMANTIC MEMORY

STRUCTURES FOLLOWING CAREGIVING-RELATED EARLY ADVERSITIES, *Anna Vannucci, Columbia University, New York, United States*

4:00 PM O2:04 STRESS AND THE EPIGENOME: A ROLE FOR BEHAVIORAL INTERVENTIONS, *Taylor S. Campbell, University of Delaware, United States*

4:10 PM O2:05 LONELINESS AND ADJUSTMENT IN YOUNG ADULTS: RESPIRATORY SINUS ARRHYTHMIA AND SLEEP DISTURBANCES AS MODERATORS, *Jiaxin Chen, Colgate University, Hamilton, United States*

4:20 PM O2:06 ASSOCIATIONS BETWEEN ENVIRONMENTAL TOXINS AND INFLAMMATION IN ADOLESCENCE, *Tiffany S. Chen, University of California Davis, Davis, United States*

Continued Thursday, Nov 10

Kon Tiki Ballroom

04:30 PM - 05:30 PM

ISDP Awards Session

Awards Committee Chair: Jennifer Silvers, PhD, University of California, Los Angeles

Presentation of ISDP Senior Awards:

- [4:30 PM 2022 Rovee-Collier Mentor Award Winner: Clancy Blair, PhD, MPH](#), with an introduction by one of his mentees, Sarah Vogel, New York University
- [4:37 PM 2022 Senior Investigator Award Winner, David J. Lewkowicz, PhD](#)
- [4:47 PM 2022 Distinguished Service Award bestowed on Rachel Barr, PhD](#)

ISDP Young Investigator Awards Presentations: (each presenter will have 12 minutes including Q&A)

- [4:50 PM 2022 Sandra G. Wiener Student Investigator Award, Sofia \(Sofi\) Cardenas](#)
- [5:02 PM 2022 David Kucharski Young Investigator Award, Ori Ossmy, PhD VIRTUAL](#)
- [5:14 PM 2022 Dissertation Award, Lana Ruvolo Grasser, PhD](#)

5:26 PM Announcement & Presentation of the 2022 Hennessy-Smotherman-Wiley Best Student Paper Award (TBD)

5:28 PM ISDP Student/Postdoc Travel Award Winners Group Photo. [Meet the 2022 ISDP Student/Postdoc Trave Award Winners!](#)

Aviary Ballroom

05:30PM - 07:00 PM

Poster Session 2 & Poster Reception

For in-person attendees, please join us for the Poster Session 1

Virtual Platform/Gathertown

07:00 AM - 09:00 AM

Virtual iPoster Session 2

To access the Gather.Town virtual poster hall, click the **Gather.Town Poster Hall Button** under the Networking button, and use the password **isdp2022**. [View the Posters to be presented in the Virtual Poster Sessions.](#)

8:00 – 9:30 PM PST Virtual Poster Session 2 – Session will be held in Gather.Town from 8PM-9:30PM IN San Diego.

(in-person participants can also join the virtual poster sessions in Gather.Town either from the conference area or from their rooms, if they wish to discuss the virtual posters with their presenters)

Friday, November 11

Continental Breakfast

08:00 AM - 09:00 AM

Kon Tiki Ballroom

09:00 AM - 10:30 AM

Symposium Session 4: GOLDEN SLUMBERS – THE IMPORTANCE OF EARLY LIFE SLEEP FOR NEUROBIOLOGICAL DEVELOPMENT AND BEHAVIOR

Nora Moog, Ph.D., Charité – Universitätsmedizin Berlin, Berlin, Germany (Chair)

Katharina Pittner, Ph.D., Charité – Universitätsmedizin Berlin, Berlin, Germany (Co-Chair)

ASSOCIATIONS OF EARLY HUMAN SLEEP BEHAVIOR, SLEEP EEG, AND GUT MICROBIOTA WITH BEHAVIORAL DEVELOPMENT, **Sarah F. Schoch, Ph.D.**, University Hospital Zurich, Switzerland, Donders Institute, Nijmegen, Netherlands

SLEEP ACROSS THE FIRST YEAR OF LIFE IS ASSOCIATED WITH WHITE MATTER VOLUME AT 12 MONTHS, **Katharina Pittner, Ph.D.**, Charité – Universitätsmedizin Berlin, Berlin, Germany

EARLY LIFE ADVERSE EVENTS IMPACT SLEEP TO MEDIATE LATER LIFE BEHAVIORAL PATHOLOGY, **Donald A. Wilson, Ph.D.**, and **Regina M. Sullivan, Ph.D.**, Department of Child and Adolescent Psychiatry, NYU School of Medicine USA & Emotional Brain Institute, Nathan Kline institute for Psychiatric Research USA

EARLY LIFE SLEEP DISRUPTION ALTERS PREFRONTAL CORTEX AND IMPAIRS BEHAVIOR IN THE HIGHLY SOCIAL PRAIRIE VOLE, **Miranda M. Lim, M.D., Ph.D.**, Oregon Health & Science University & VA Portland Health Care System, Portland, OR, USA

Coffee Break

10:30 AM - 10:45 AM

Kon Tiki Ballroom

10:45 AM - 11:45 AM

Oral Session 3 - Parental Exposure Effects

Session Chair: Nicholas J. Wagner, Boston University, Boston, United States

10:45 AM 03:01 LONG-TERM ASSOCIATION OF IN-UTERO MATERNAL EXPOSURE TO SUBSTANCES AND EEG BRAIN FUNCTIONING AT 4-, 5-, 7-, 9-, AND 11-YEARS-OF-AGE, **Nicolò Pini**, *Columbia University Irving Medical Center, New York, United States*

10:55 AM 03:02 THE ROLE OF PARENTAL SELF-EFFICACY AND CURRENT ADVERSITY IN THE INTERGENERATIONAL TRANSMISSION OF PARENTAL ADVERSE CHILDHOOD EXPERIENCES, **Deborah Han**, *University of Denver, Denver, United States*

11:05 AM 03:03 EXPERIENCES OF DISCRIMINATION REPORTED DURING PREGNANCY AND INFANT EMERGING EFFORTFUL CONTROL, **Kenia M. Rivera**, *University of Denver, Denver, United States*

11:15 AM 03:04 ELEVATED MARENTAL PTSD SYMPTOMS PRIOR TO CONCEPTION AND INFLAMMATION IN PREGNANCY PREDICT SHORTER BUCCAL CHILD TELOMERE LENGTH, **Gabrielle R. Rinne**, *University of California Los Angeles, Los Angeles, United States*

11:25 AM 03:05 EXAMINING THE RELATIONS BETWEEN PRESCHOOL CHILDREN'S VAGAL FLEXIBILITY ACROSS SOCIAL STRESSOR TASKS AND PARENT- AND CLINICIAN-RATED ANXIETY, **Nicholas J. Wagner**, *Boston University, Boston, United States*

Continued Friday, November 11th

11:35 AM 03:06 CHARACTERIZATION OF AUTONOMIC NERVOUS SYSTEM FUNCTION IN FETUSES EXPOSED TO GESTATIONAL DIABETES MELLITUS, *Shayan Chowdhury, Columbia University, New York, United States*

Lunch on Own 11:45 AM - 01:00 PM

Kon Tiki Ballroom 01:00 PM - 02:30 PM

Symposium Session 5: INFUSING COMMUNITY-ENGAGED METHODS WITH DEVELOPMENTAL PSYCHOBIOLOGICAL SCIENCE

Chair: Natalie H. Brito, Ph.D., Assistant Professor of Developmental Psychology, New York University

Moderator: Koraly Perez-Edgar, Ph.D., McCourtney Professor of Child Studies and Professor of Psychology, The Pennsylvania State University

DEVELOPMENTAL AND PSYCHOBIOLOGICAL FINDINGS FROM THE COMMUNITY CHILD HEALTH NETWORK, *Nicole Mahrer, Ph.D., Assistant Professor, University of La Verne, CA*

COMMUNITY NEUROSCIENCE: EXAMINING DYADIC BRAIN ACTIVITY DURING NATURAL SOCIAL INTERACTIONS ACROSS CULTURALLY AND LINGUISTICALLY DIVERSE FAMILIES, *Natalie H. Brito, Ph.D., Assistant Professor of Developmental Psychology, New York University*

GIVE THE PEOPLE WHAT THEY WANT: RESULTS FROM TWO QUALITATIVE STUDIES EXPLORING COMMUNITY MEMBERS' PERSPECTIVES ON DEVELOPMENTAL RESEARCH AND BIOSOCIAL METHODS, *Fanita A. Tyrell, Ph.D., Assistant Professor of Psychology, University of Maryland, College Park*

COMMUNITY ENGAGEMENT IN LARGE-SCALE DEVELOPMENTAL RESEARCH: PROMISE AND PERILS FROM THE HEALTHY BRAIN AND CHILD DEVELOPMENT STUDY (HBCD), *Koraly Perez-Edgar, Ph.D., McCourtney Professor of Child Studies and Professor of Psychology, The Pennsylvania State University*

Kon Tiki Ballroom 02:30 PM - 03:30 PM

DEI Presentation and 2022 Wiley Distinguished Speaker: *Norissa Williams, PhD, MSW*

DIVERSIFYING THE PIPELINE: ADDRESSING STRUCTURAL ISSUES WITH STRUCTURAL INTERVENTIONS

Coffee Break 03:30 PM - 03:45 PM

Kon Tiki Ballroom 03:45 PM - 04:55 PM

Oral Session 4 – Regulation & Cognitive Control

Session Chair: *Courtney A. Filippi, National Institute of Mental Health, Bethesda, United States*

3:45 PM 04:01 FETAL HEART RATE AND HEART RATE VARIABILITY ASSOCIATES WITH BRAINSTEM AND HYPOTHALAMIC CONNECTIVITY IN NEONATES, *Angeliki Pollatou, Columbia University Vagelos College of Physicians and Surgeons, New York, NY, United States VIRTUAL*

3:55 PM 04:02 Enduring consequences of early-life sleep disruption in prairie voles (*Microtus ochrogaster*), *Noah E.P. Milman, Oregon Health and Science University, Portland, United States*

Continued Friday, Nov 11

4:05 PM 04:03 Microstates in infancy: Topography parameters and temperament., Kara L. Brown, MS, Washington State University, Pullman, USA, Maria A. Gartstein, PhD, Washington State University, Pullman, USA

4:15 PM 04:04 Identification of longitudinal infant EEG gamma power profiles using Latent Profile Analysis, Lara J. Pierce, York University, Toronto, Canada (Primary Presenter); Charles A. Nelson, Boston Children's Hospital, Harvard Medical School, Boston, United States VIRTUAL

4:25 PM 04:05 NOW AND THEN: THE ROLE OF NEURAL AND COGNITIVE EFFICIENCY DURING BEHAVIORAL CONTROL AND IN SOCIALLY INHIBITED CHILDREN, Alana J. Anderson, Washington University School of Medicine, Saint Louis, United States VIRTUAL

4:35 PM 04:06 INFANT FUNCTIONAL BRAIN NETWORKS ARE ASSOCIATED WITH FEARFUL TEMPERAMENT, Courtney A. Filippi, National Institute of Mental Health, Bethesda, United States

4:45 PM 04:07 ASSOCIATIONS BETWEEN MATERNAL PARENTING BEHAVIOR AND INFANT BRAIN ACTIVITY AMONG FAMILIES EXPERIENCING POVERTY, Melissa A. Giebler, Teachers College, Columbia University, New York, United States

Kon Tiki Ballroom 04:55 PM - 05:15 PM

ISDP Members Business Meeting

For all ISDP members and those who are interested in joining the ISDP

Kon Tiki Ballroom 05:15 PM - 05:20 PM

Invitation to ISDP 2023: 56th Annual Meeting of the International Society of Developmental Psychobiology, July 26-28, 2023 at the Crowne Plaza Utrecht Central Station, Netherlands

Abstract Submission and Travel Award Application Deadline: April 21, 2023

Marion van den Heuvel (VIRTUAL)

Adjourn

ISDP 2022 Student & Postdoc Travel Award Winners

Brendan Adkinson, Yale School of Medicine
Advisor: Dustin Scheinost

Annie Aitken, Annie Aitken
Advisor: Annie Aitken

Berenice Anaya, The Pennsylvania State
University
Advisor: Koraly Perez-Edgar

Alana Anderson, Washington University
School of Medicine
Advisor: Susan Perlman

Sean Aston, Johns Hopkins University School
of Medicine
Advisor: Kellie Tamashiro

Jennifer Barbosa, Montclair State University
Advisor: Laura Lakusta

Emily Blakley, Binghamton University, SUNY
Advisor: Peter Gerhardstein

Jocelyn Breton, Columbia University
Advisor: Kevin G. Bath

Madeleine Bruce, University of Utah
Advisor: Sheila Crowell & Elisabeth Conradt

Oana Bucsea, York University
Advisor: Rebecca Pillai Riddell

Kaitlyn Campbell, Temple University
Advisor: Peter Marshall

Taylor Campbell, University of Delaware
Advisor: Tania Roth

Kayleigh Campbell, University of British
Columbia
Advisor: Tim Oberlander

Shayan Chowdhury, Columbia University
Advisor: William Fifer

Cherita Clendinen, University of Florida
Advisor: Darlene Kertes

Caitlyn Cody, Northeastern University
Advisor: Heather Brenhouse

Nicholas Collins, University of Delaware
Advisor: Tania L. Roth

Kaityn Contino, Florida International
University
Advisor: Eliza L. Nelson

Kelsey Davinson, University of Connecticut
Advisor: Kelsey Davinson

LillyBelle Deer, University of Denver
Advisor: LillyBelle Deer

Julia Ditzer, Leipzig University
Advisor: Anat Talmon

Nicholas Duggan, Binghamton University
Advisor: Peter Gerhardstein

Melissa Engel, Emory University
Advisor: Patricia Brennan

Claudia Espinoza-Heredia, Columbia
University
Advisor: Dima Amso

Laura Etzel, Pennsylvania State University
Advisor: Idan Shalev

Katherine Eulau, Temple University
Advisor: Kathy Hirsh-Pasek

Michaela Fanikos, Northeastern University
Advisor: Heather Brenhouse

Erika Ferreira, Pontifical Catholic University of
Rio Grande do Sul
Advisor: Thiago Wendt Viola

Andrea Fields, Columbia University
Advisor: Nim Tottenham

Meghan Gallo, Brown University
Advisor: Kevin Bath

Naomi Gancz, University of California Los
Angeles
Advisor: Bridget Callaghan

Martins Gatavins, University of Pennsylvania
Advisor: Allyson P. Mackey

Melissa Giebler, Teachers College, Columbia
University
Advisor: Kimberly Noble

Kelsea Gildawie, Tufts University
Advisor: Elizabeth Byrnes

Lissete Gimenez, Columbia
University/Columbia University Irving Medical
Center
Advisor: William Fifer

Darren Ginder, Washington State University
Advisor: Ryan McLaughlin

Lauren Granata, Northeastern University
Advisor: Heather Brenhouse

Maria Granros, University of Illinois Chicago
Advisor: Katie Burkhouse

Emily Greenwood, University of East London
Advisor: Sam Wass

Victoria Hackert, Binghamton University
Advisor: Peter C. Gerhardstein

Deborah Han, University of Denver
Advisor: Jenalee Doom

J Douglas Harrison Jr, Virginia Tech
Advisor: Marth Ann Bell

Raha Hassan, McMaster University
Advisor: Louis A. Schmidt

Alexis Hernandez, University of Southern
California
Advisor: Santiago Morales

Bailey Holt-Gosselin, Yale University
Advisor: Dylan Gee

Fermin Hoq, University of British Columbia
Advisor: Manon Ranger

Mariann Howland, University of Minnesota
Advisor: Megan Gunnar

Yunzhe Hu, Columbia University
Advisor: William Fifer

Maha Hussain, Columbia University
Advisor: Dani Dumitriu

Maitri Jain, Eastern Michigan University
Advisor: Jamie Lawler

Lisa Johnson, UC Davis
Advisor: Paul D Hastings

Elaine Johnson, Emory University
Advisor: Patricia Brennan

Finola Kane-Grade, University of Minnesota
Institute of Child Development
Advisor: Megan R Gunnar

Rachel Kessler, Wright State University
Advisor: Michael B. Hennessy

Sanju Koirala, Institute of Child Development,
University of Minnesota
Advisor: Damien Fair

Marta Korom, U of Delaware, ABC Lab (PI:
Mary Dozier)
Advisor: Mary Dozier

Connie Ku, University of British Columbia
Advisor: Manon Ranger

Margaret Kyle, Columbia University
Advisor: Dani Dumitriu

Hannah Lapp, University of Texas at Austin
Advisor: Frances Champagne

Andreane Lavallee, Columbia University
Irving Medical Center
Advisor: Dani Dumitriu

Nashya Linares, Florida International
University
Advisor: Robert Lickliter

Sarah Lynch, Boston University
Advisor: Nicholas Wagner

Marisa Lytle, The Pennsylvania State
University
Advisor: Koraly Perez-Edgar

Jennifer Madigan, Washington State
University
Advisor: Erica Crespi

Liana Manriquez, San Diego State University
Advisor: Jennifer Thomas

Gabriela Manzano Nieves, Weill Cornell
Medicine
Advisor: Conor Liston

Sarah Maylott, Duke University
Advisor: Elisabeth Conradt

Andrew McGee, University of Denver
Advisor: Sarah Enos Watamura

Brooke McKenna, Emory University
Advisor: Patricia Brennan

Kirsten McLaughlin, The University of North Carolina Chapel Hill
Advisor: Cathi Propper

Adriana Méndez Leal, UCLA
Advisor: Jennifer Silvers

Wesley Meredith, University of California, Los Angeles
Advisor: Jennifer Silvers

Katrina Milbocker, University of Delaware
Advisor: Tania Roth

Summer Millwood, University of Denver
Advisor: Erika Manczak

Noah Milman, Oregon Health and Science University
Advisor: Miranda Lim

Brooke Montgomery, Tulane University
Advisor: Julie Markant

Jose Nicolas Murgueitio, University of North Carolina at Chapel Hill
Advisor: Cathi Propper

Emma Murrugarra, Cornell University
Advisor: Michael Goldstein

Abigail Myers, Wayne State University
Advisor: Susanne Brummelte

Jazlyn Nketia, Brown University & Columbia University
Advisor: Dima Amso

J. David Nugent, Columbia University, Teachers College
Advisor: William Fifer & Jeanne Brooks-Gunn

Chaela Nutor, Emory University
Advisor: Patricia Brennan

Emily Padrutt, University of Minnesota
Advisor: Syla Wilson

Sarah Peoples, Texas A&M University
Advisor: Rebecca J. Brooker

Jennifer Phillips, Virginia Tech
Advisor: Martha Ann Bell

Tiffany Phu, University of Denver
Advisor: Sarah Watamura

Nicolò Pini, Columbia University Irving Medical Center
Advisor: William P. Fifer

Douglas Piper, Georgetown University
Advisor: Rachel Barr

Katharina Pittner, Charite Universitaetsmedizin Berlin
Advisor: Claudia Buss

Angeliki Pollatou, Columbia University Medical Center
Advisor: Marisa Spann

Kristie Poole, University of Waterloo
Advisor: Heather Henderson

Chanel Ramirez, Teachers College
Advisor: Kimberly G. Noble

Vida Rebello, University of California, Irvine
Advisor: Kristina Uban

Brie Reid, Warren Alpert Medical School, Brown University
Advisor: Laura Stroud

Lori Reider, Rutgers University-Newark
Advisor: Vanessa LoBue

Emily Reilly, University of Minnesota
Advisor: Megan Gunnar

Gabrielle Rinne, University of California Los Angeles
Advisor: Christine Dunkel Schetter

Kenia Rivera, University of Denver
Advisor: Jenalee Doom

Jana Runze, VU Amsterdam
Advisor: Marian J. Bakermans-Kranenburg

Sarah Schoch, Donders Institute
Advisor: Martin Dresler

Tabitha Sellers, University of Delaware
Advisor: Mary Dozier

Kathy Sem, Boston University
Advisor: Nicholas Wagner

Nila Shakiba, Boston University
Advisor: Nicholas Wagner

Olivia Silke, University of California, Irvine
Advisor: Jenna L. Riis

Katrina Simon, Teachers College Columbia University

Advisor: Kimberly G. Noble

Amalia Skyberg, University of Virginia

Advisor: James Morris

Ian Smith, University of Delaware

Advisor: Tania Roth

Jennifer Somers, UCLA

Advisor: Steve Lee

Jessica Sperber, Teachers College, Columbia University

Advisor: Kimberly Noble

Jocelyn Stanfield, Emory University

Advisor: Patricia Brennan

Sunny Stophaeros, University of Colorado, Denver

Advisor: Peter Kaplan

Chen Su, University of Denver

Advisor: Chen Su

Huili Sun, Yale University

Advisor: Dustin Scheinost

Danielle Swales, University of North Carolina at Chapel Hill

Advisor: Crystal Schiller

Alexandra Tabachnick, University of Illinois at Chicago

Advisor: Katie Burkhouse

Samantha Tasman, San Diego State University

Advisor: Jennifer Thomas

Hope Thilges, University of Nebraska - Lincoln

Advisor: Megan Gunnar and Timothy Nelson

Emily Towner, University of Cambridge

Advisor: Sarah-Jayne Blakemore

Elisa Ugarte, University of California, Davis

Advisor: Paul Hastings

Viviane Valdes, Emory University

Advisor: Linda Craighead

Anna Vannucci, Columbia University

Advisor: Nim Tottenham

Kathryn Wall, Yale University

Advisor: Helena Rutherford

Anna Warner, University of New Orleans

Advisor: Christopher Harshaw

W. Tang Watanasriyakul, University of Texas at Austin

Advisor: Steven M. Phelps

Jenna Wesely, San Diego State University

Advisor: Jennifer Thomas

Alia Westphal, San Diego State University

Advisor: Jennifer Thomas

Elizabeth Wood, Oregon Health & Science

Advisor: Elinor Sullivan

Xiaoye Xu, University of Southern California

Advisor: Santiago Morales

Zhuojun Ying, UCSD

Advisor: Gedeon Deak

Mohamed Zerrouk, Virginia Tech

Advisor: Martha Ann Bell

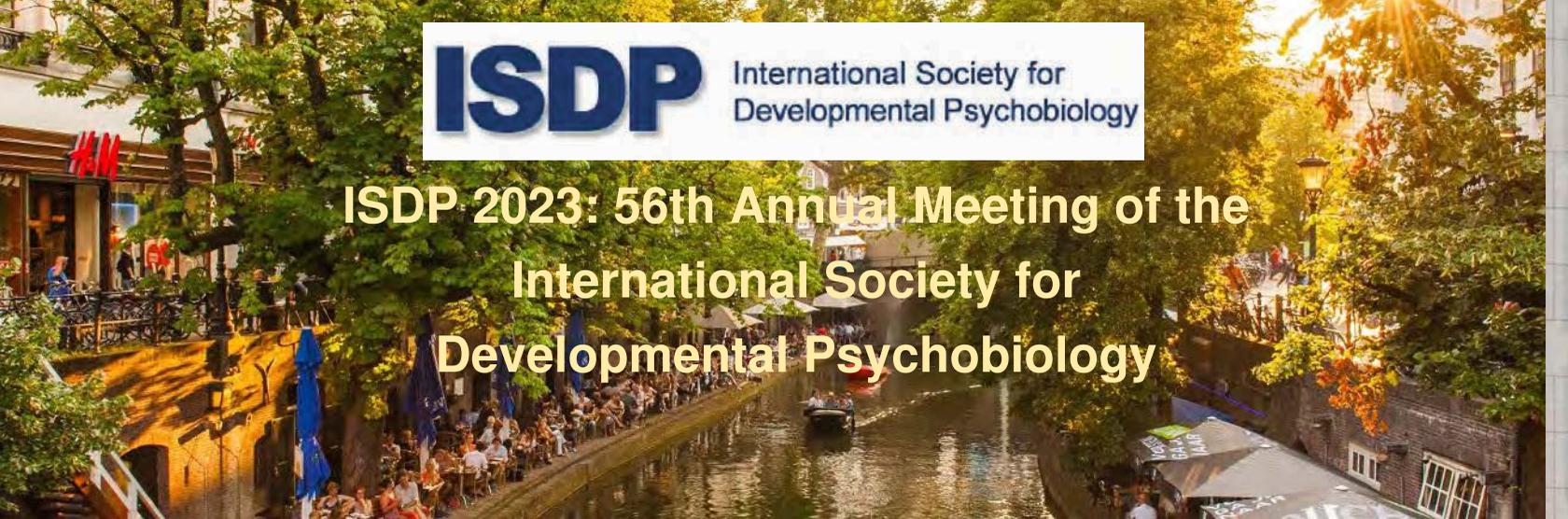
Anna Zhou, Penn State University

(transitioning to postdoc at University of Utah)

Advisor: Elisabeth Conradt

Michal Zieff, University of Cape Town

Advisor: K Donald



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International Society for
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www.isdp.org**

