



ISDP 2025: 58TH ANNUAL MEETING

**CATAMARAN RESORT HOTEL, A
SAN DIEGO BEACHFRONT
RESORT**

NOVEMBER 12-14, 2025

**IMMEDIATELY PRECEDING SFN NEUROSCIENCE
2025**



Final Program

November 12-14 at the Catamaran Resort Hotel, San Diego, USA
(immediately preceding SfN Neuroscience 2025)

Program Chairs:

Marion van den Heuvel, Tilburg University, Tilburg, Netherlands
Bridget Callaghan, University of California, Los Angeles
Moriah E. Thomason, NYU Langone Neuroscience Institute

Conference Coordinator:

Christopher Harshaw, University of New Orleans

Conference Coordinators-Elect:

Elisabeth Conratt, Associate Professor in Psychiatry at Duke University
Helena Rutherford, Associate Professor in the Child Study Center, Yale Child
Study Center

ISDP Board of Directors



President, Koraly Pérez-Edgar, The Pennsylvania State University



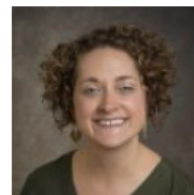
President-Elect, Heather Brenhouse, Northeastern University



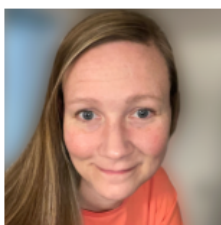
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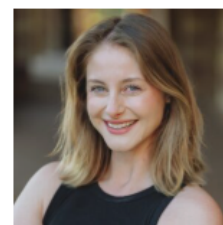
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Board Member: Millie Rincón-Cortés, PhD, University of Texas at Dallas



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Program Co-Director, Bridget Callaghan, The University of California, Los Angeles



Student Member Rep, Anna Vannucci, Columbia University



Student Member Rep: Annabelle Armah, University at Albany, State University of New York, Albany, United States



Conference Co-Coordinator, Christopher Harshaw, University of New Orleans



Conference Coordinator-Elect: Elisabeth Conrads, PhD, Associate Professor in Psychiatry at Duke University



Conference Coordinator-Elect: Helena Rutherford, PhD, Associate Professor in the Child Study Center, Yale Child Study Center

Awards Committee:

- Moriah E. Thomason, NYU Langone Neuroscience Institute (Chair)
- Julie Campbell, Illinois State University
- Millie Rincón-Cortés, University of Texas at Dallas

CONGRATULATIONS ISDP 2025 AWARD WINNERS!



2025 ROVEE-COLLIER
MENTOR AWARD

Patricia Brennan, PhD



2019 ROVEE-COLLIER
MENTOR AWARD

Joanne Weinberg, PhD



2025 SENIOR
INVESTIGATOR AWARD

Nathan Fox, PhD



2025 DISTINGUISHED
SERVICE AWARD

Rick Richardson, PhD



2025 ISDP
Award Winners

"Celebration of Success"



2025 KUCHARSKI YOUNG
INVESTIGATOR AWARD

Lauren Shuffrey, PhD



2025 KUCHARSKI YOUNG
INVESTIGATOR AWARD

Karen E. Smith, PhD



2025 DISSERTATION
AWARD

Özlü Aran, PhD



2025 SANDRA G. WIENER
STUDENT INVESTIGATOR AWARD

Jessica Sperber

Join us for the 2025 ISDP Awards Session Wednesday in the Kon
Tiki Ballroom, where we will recognize and reward our 2025
Award Winners and get to know their work!



November 12th
17:00 - 18:00

Catamaran Hotel & Spa San
Diego, USA



#ISDP2025

ISDP Student/Postdoc Member Travel Award Winners

Annie Aitken, New York University, New York, United States

Sasha Andrews, ISLAND Lab, New York, United States

Özlü Aran, Northeastern University, Boston, United States

Annabelle Armah, Charleston, United States

Bhavya Arya, National Institute of Education, Nanyang Technological University, Singapore, Singapore, Singapore

Kathy Ayala, Yale University, New Haven, United States

Jasmine Banegas, University of Minnesota, Minneapolis, United States

Sarah Banker, New York, United States

Hannah Burnell, Boston University, Boston, United States

Kaitlyn Campbell, Temple University, Ardmore, United States

Emma Cahill, College of Staten Island, City University of New York and Macaulay Honors College, New York, United States

Vincent Chavez, Davis, United States

Bosi Chen, New York, United States

Caroline Christianson, University of South Carolina, Columbia, United States

Isabela de la Rosa, Blacksburg, United States

Meriah DeJoseph, Stanford University, Stanford, United States

Abby deSteiguer, MSc, MA, University of Texas at Austin, Austin, United States

Ilse Fleischer, San Diego, United States

Shania Friedman, Emory University, Atlanta, United States

Yihui Gong, The Ohio State University, Mountain View, United States

Caitlin Goodpaster, UCLA, Los Angeles, United States

Dianna Guerrero Jimenez, Children's Hospital Los Angeles, Los Angeles, United States

J. Douglas Harrison, Blacksburg, United States

Connor Haughey, Chapel Hill, United States

Lucia Herrero, State College, United States

Christina Hospodar, Los Angeles, United States

Mariann Howland, University of North Carolina at Chapel Hill, Chapel Hill, United States

Nicole Huth, Boston University, Boston, United States

Jeffy Jackson, The University of Texas at Dallas, Richardson, United States

Lanxin Ji, New York, United States

Saksham Kapoor, College Park, United States

Madison Kelm, The Pennsylvania State University, San Francisco, United States

Hannah Lapp, University of Texas at Austin, Austin, United States

Huan Liao, Parkville, Australia

Ali Mohiuddin, Southington, United States

Nicolas Murgueitio, University of North Carolina at Chapel Hill, Chapel Hill, United States

Dorsa Naderpour, San Diego, United States

Esmeralda Navarro, Chapel Hill, United States

Philip Newsome, University of Southern California, Los Angeles, United States

Isabellah Nikitah, Baltimore, United States

Sarah Panvini, Children's Hospital Los Angeles, Glendale, United States

Jennifer Phillips, University of Toronto, Mississauga, United States

Rashmi Risbud, Pleasant Hill, United States

Viviane Rosales, Los Angeles, United States

Maya Rusnak, Tolland, United States

Calista Shank, Children's Hospital of Philadelphia, Philadelphia, United States

Sofia Shilleh, Staten Island, United States

Michelle Shipkova, Durham, United States

Lucinda Sisk, Yale University, Philadelphia, United States

Eva Smith, University of Delaware, Newark, United States

Madison Soares, Boston University, Norfolk, United States

Jessica Sperber, Astoria, United States

Ella Walsh, Linden, United States

Hanzhi Wang, Riverside, United States

Jiayin Xing, NYU Langone Health, New York, United States

Danruo Zhong, Columbia University Irving Medical Center, New York, United States

Matthew Zipple, PhD, Cornell University, Ithaca, United States

DEI Committee 2025

- Lana Ruvolo Grasser, Chair
- Joscelin Rocha-Hidalgo, Liaison to the ISDP Board
- Heather Brenhouse
- Emilia Cárdenas
- Ujala Janjua
- Diana Lopera-Perez
- Anna Parenteau
- Koraly Perez-Edgar
- Susan Perlman

Interested in joining the DEI Committee? <https://forms.gle/1RfkNJzzKiSkf1En6>

ISDP Membership as of November 12, 2025:

Early-Career Member	81
Regular Member	111
Retired Member	5
	191
Total	388

Join or Renew Today!

www.isdp.org

International Society for Developmental Psychobiology

270 Oak Avenue
River Edge, NJ 07661 USA

Virtual Offices of the Central Office Staff:

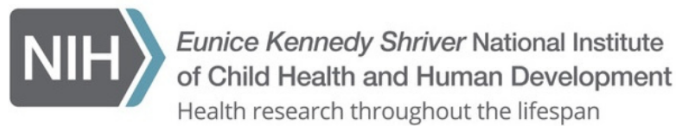
Joan Oefner, Managing Director
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Hannah Oefner, Project Manager
Innsbruck, Austria
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Thanks to our Generous Sponsors!

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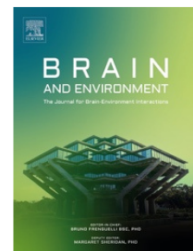
Funded, in part, by a grant from the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development at the National Institutes of Health (R13HD070625)



Developmental Psychobiology



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ISDP 2025 Code of Conduct and Safety Plan

The organizers of *ISDP 2025: 58th Annual Meeting of the International Society for Developmental Psychobiology* are committed to providing a safe environment for all attendees.

The venue is the Catamaran Resort Hotel and Spa, San Diego, California, USA, which is accessible to individuals with disabilities and has up to date compliance with safety codes and accessibility for all attendees. During the meeting registration, each participant was asked to provide an emergency contact including their cell phone number, in case of emergencies. Also, during the registration process participants were asked to list any special accommodations they may need to participate fully in case of any disabilities.

We encourage transparent intellectual debate in a welcoming, inclusive, and safe environment and atmosphere. Organizers and session chairs will foster rigorous but courteous exchanges of all science presented in the oral and poster presentations, in a manner that is respectful to all conferees. The conference will not tolerate unprofessional behavior including harassment of any kind. Specifically, no sexual, racial, ethnic, or religious harassment or discrimination will be tolerated.

To report a concern of a potential violation of the conference code of conduct, attendees can approach ISDP President, Koraly Pérez-Edgar, who will be present at the meeting. Communication can be in person or electronically (kxp24@psu.edu) and the allegation will be kept confidential to the extent possible. Following report of a concern, Dr. Pérez-Edgar will meet with the ISDP Board of Directors to discuss the allegation, any available, evidence and make a decision as to whether the code of conduct has been violated. Individuals found in violation will be confidentially informed by Dr. Pérez-Edgar. Depending on the level of conduct violation, individuals in violation will either be given a one-time warning or will be asked to depart the meeting.

Any attendee who has additional questions or concerns can approach Dr. Pérez-Edgar, who will respond directly, and also report confidentially to the members of the ISDP Board of Directors in case there is a need for follow up at this or future meetings.

The conference safety plan has been posted on the meeting website and cited in the final program.

Reports of any violations will be recorded in written form by the conference organizers, along with a record of the resulting action for enforcement of conference policy.

For any serious adverse behavior that is beyond the ability of the conference organizers to handle, the organizers will work with appropriate personnel at the hotel venue, or otherwise contact the appropriate local authorities.

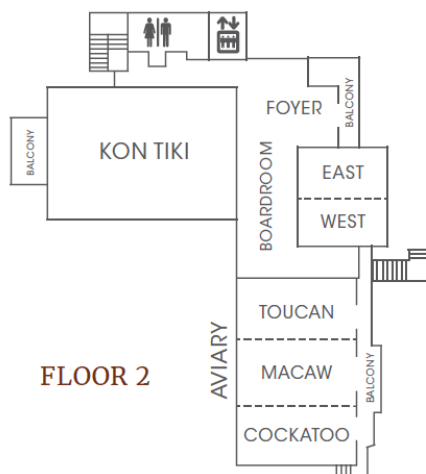
In the event of a medical emergency, medical personnel will be immediately called. The hotel venue is located very close to UC San Diego Health's Hillcrest Medical Center and Scripps Memorial Hospital La Jolla, which stands out as well-regarded institutions with reputations for quality care. In the event of a disaster, the organizers will confer with appropriate local authorities as to the recommended actions.

Although not anticipated, for those with a Civil Rights concern, reports to the Department of Health and Human Services (HHS) Office of Civil Rights (OCR) will be available and the website <https://www.hhs.gov/civil-rights/filing-a-complaint/index.html> will be posted with the conference policy. Filing a complaint of discrimination with the conference organizers is not required prior to filing a discrimination complaint with HHS OCR. Further, seeking any assistance from the conference organizers in no way prohibits filing complaints with HHS OCR. Please see <https://grants.nih.gov/grants/policy/harassment/find-help.htm> for more information. Individuals with questions, concerns or complaints related to any of the civil rights laws are encouraged to contact the HHS Office for Civil Rights, <https://www.hhs.gov/ocr/about-us/contact-us/index.html>

Information regarding how individuals can notify the NIH about any concerns of harassment, discrimination or other inappropriate conduct can be found at <https://www.hhs.gov/ocr/complaints/index.html>

Complaints must be filed within 180 days of when you knew that the act or omission complained of occurred. OCR may extend the 180-day period if you can show “good cause”. To file a Civil Rights Complaint online, open the OCR Complaint Portal and select the type of complaint you would like to file.

Approved by the ISDP Board of Directors on October 20, 2025



PROGRAM

WEDNESDAY, NOVEMBER 12, 2025

PERINATAL PRE-CONFERENCE SPONSORED BY THE INTERNATIONAL FETAL AND INFANT BRAIN AND BEHAVIOR (I-FIBB) NETWORK AN INTEREST GROUP OF THE ISDP

08:00 - 08:45 Continental Breakfast (for Perinatal Pre-Conference Participants only)

08:45 - 10:30 OPENING & LESSONS LEARNED: ADVANCING PERINATAL SCIENCE THROUGH OPEN AND SHARED DATA

Kon Tiki Ballroom

Session Chairs Marion van den Heuvel, William Fifer



08:45 WELCOME – Marion van den Heuvel

09:00 OPERATING A HYBRID LAB: INTEGRATING HBCD/ABCD WITH PRIMARY DATA COLLECTION – Koraly Perez-Edgar, Moriah Thomason

Insights from running a lab that both contributes to and draws from large-scale datasets.

09:15 WHAT HBCD IS DOING EXCEPTIONALLY WELL – Tracy Riggins, Beth Smith

A candid look at effective strategies and practices worth emulating in large-scale perinatal research.

09:30 SMALL STUDIES, BIG IMPACT – Elysia Davis, Millie Rincón-Cortés

Unique strengths and innovations that smaller-scale studies can bring to complement large datasets.

09:45 GLOBAL PERSPECTIVES ON LARGE-SCALE DATA SHARING – Christine Hockett, Laurel Gabard-Durnam

International challenges, successes, and lessons learned in making perinatal data widely accessible.

10:00 DISCUSSION / PANEL – William Fifer, Moriah Thomason

10:30 - 10:45 Perinatal Pre-Conference Coffee Break (for Pre-Conference only)

10:45 - 12:15 Perinatal Symposium 1: MULTIMODAL APPROACHES TO THE ASSESSMENT OF MATERNAL-FETAL DEVELOPMENT

Kon Tiki Ballroom

Session Chair Kathy Ayala

S1.1 PREGNANCY, MEANINGFUL ACTIVITY PARTICIPATION, AND FETAL WELL-BEING: INTEGRATING OCCUPATIONAL SCIENCE WITH PRENATAL PROGRAMMING
Cristin Holland

Columbia University, New York, USA

S1.2 THE EMOTIONAL EXPERIENCE OF PREGNANCY AND FETAL HEART RATE
Kristin Voegtline^{1,2}, Sylvie Lauzon³, Supriya Dhaurali³

¹Weil Cornell Medicine, Department of Obstetrics and Gynecology, New York, USA. ²Weil Cornell Medicine, Department of Population Health Sciences, New York, USA. ³Johns Hopkins University, Department of Pediatrics, Baltimore, USA

S1.3 SYNCHRONIZING DOPPLER ULTRASOUND AND FNIRS TO UNDERSTAND SIGNALS OF FETAL WELL-BEING

Marisa Spann¹, Sanjana Inala¹, Eric Morgan², Xuejun Hao¹, Dustin Scheinost³

¹Columbia University, Vagelos College of Physicians and Surgeons, New York, USA.

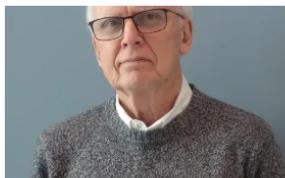
²MindWare Technologies Ltd., Westerville, USA. ³Yale School of Medicine, New Haven, USA

S1.4 A ROLE FOR FETAL MOVEMENT IN SHAPING MATERNAL NEURODEVELOPMENT
Helena Rutherford¹, Kathy Ayala¹, Lissa Falcioni², Jeff Eilbott¹, Kristin Voegtline³

¹Yale University, New Haven, USA. ²Yale New Haven Hospital, New Haven, USA. ³Weill Cornell Medical College, New York, USA

WHO WE ARE

The Network was founded by Prof. William (Bill) Fifer. As of 2018, Dr. Marion I. van den Heuvel is the Director of the Network. Bill is still involved in the Network as co-director. Additionally, the network consists of several active student representatives.



DR. WILLIAM FIFER | FOUNDER & CO-DIRECTOR



MARION I. VAN DEN HEUVEL, PHD | DIRECTOR



NADYA ALI | STUDENT REPRESENTATIVE



KATHY AYALA | STUDENT REPRESENTATIVE

For More Information, Please Visit: <https://babybrain.isdp.org/>

12:15 - 13:45 EEG MADE EASIER: PRACTICAL TOOLS FOR INFANT AND CHILD RESEARCH, PRACTICAL HANDS-ON LUNCH WORKSHOP sponsored by BrainVision (pre-registration was required and this event is now sold out)

Boardroom East & West

Presenter: Jessica Sanches Figueira



BrainVision sponsored hands-on and applied session includes lunch, for the first 40 participants who registered in advance. This event is sold out unless we have cancelations.

Recording and analyzing brain activity from infants and toddlers comes with unique challenges that we are very familiar with at Brain Vision. This workshop will be led by Dr. Jessica Sanches Figueira, who herself did child developmental research before joining Brain Vision. She will showcase practical solutions that she and others have developed over the years to meet the specific needs of developmental researchers.

We will cover approaches to optimize EEG acquisition in infants, including case studies on infant-friendly setups to achieve fast preparation and artifact reduction. Participants will learn about recent advances in EEG hardware and software that support reliable, high-quality data collection in infants including hands on time with our most frequently used systems for developmental EEG recording.

We welcome researchers of all levels, from those just beginning with EEG to experienced labs seeking to refine their protocols. Attendees will leave with concrete tools and applicable strategies to enhance the quality and efficiency of their infant EEG studies.

12:15 - 13:45 Lunch (on your own) for all other participants

Here are a few suggestions that are VERY close fast + reliable between sessions:

- **Lava Java (Catamaran lobby):** grab and go coffee, smoothies, sandwiches
- **La Playa Taco Shop** (~2 min walk, from front door of the hotel): taqueria serving familiar Mexican dishes including burritos, carne asada, carnitas & fish tacos

Visit the meeting website for a more extensive list.

13:45 - 15:15 Perinatal Symposium 2: THE ROLE OF DEVELOPMENTAL TIMING IN SHAPING NEUROBEHAVIORAL OUTCOMES ACROSS SPECIES

Kon Tiki Ballroom

Session Chair Natalie Brito

S2.1 INTERGENERATIONAL EFFECTS OF MATERNAL ADVERSITY ON BEHAVIORAL AND MESOLIMBIC DOPAMINE FUNCTION

Millie Rincón-Cortés

University of Texas at Dallas, Richardson, USA

S2.2 A NOVEL EMA AND WEARABLE METHODOLOGY TO CHARACTERIZE EARLY POSTPARTUM PSYCHOPHYSIOLOGICAL CHANGES AND LONGITUDINAL IMPACTS ON INFANT NEUROCOGNITION

 Annie Aitken¹, Amy Hume¹, Jamie Vo¹, Natalie Brito²

¹New York University, New York, USA. ²Columbia University, New York, USA

S2.3 PARSING HETEROGENEITY IN THE DEVELOPMENTAL TIMING OF ADVERSITY AND NEUROBIOLOGICAL CORRELATES OF PSYCHOPATHOLOGY

 Lucinda Sisk

Yale University, New Haven, USA

S2.4 DEVELOPMENTAL EXPOSURE TO PARENTAL DEPRESSION AND PSYCHIATRIC RISK IN YOUNG ADULTHOOD

Kieran O'Donnell

Child Study Center & Obstetrics, Gynecology & Reproductive Sciences, Yale School of Medicine, New Haven, USA

15:15 - 15:30 Coffee Break - Networking, Visit the Exhibitors Foyer

15:30 - 17:00 President's Symposium 3: STRESSED OR NOT, THAT IS THE QUESTION: A TRIBUTE TO MEGAN GUNNAR'S LEGACY ON STRESS RESEARCH

Kon Tiki Ballroom

Session Chair Özlü Aran Discussant Megan Gunnar

S3.1 STRESS, INFLAMMATION, AND NUTRIENT METABOLISM DURING PREGNANCY

Brie Reid

Northeastern University, Boston, USA

S3.2 STRESS AND CARDIOVASCULAR HEALTH IN PREGNANCY, CHILDHOOD, AND ADOLESCENCE

Jenalee Doom

University of Denver, Denver, USA

S3.3 STRESS AND A PSYCHOBIOLOGICAL MODEL OF LONELINESS IN ADOLESCENCE

Camelia Hostinar

University of California-Davis, Davis, USA

S3.4 NEURODEVELOPMENTAL RISK FACTORS AND AUDITORY BRAINSTEM RESPONSES: INTERDISCIPLINARY INSIGHTS

Nicole Talge

Michigan State University, East Lansing, MI, USA

S3.5 STRESS REDUCTION IN PREGNANCY TO PROMOTE MATERNAL AND CHILD HEALTH

Elysia Poggi Davis

University of Denver, Denver, USA

S3.6 STRESS AND AN INTERVENTION TO PROMOTE EMOTION REGULATION IN PRESCHOOLERS

Jamie Lawler

Eastern Michigan University, Ypsilanti, USA

S3.7 STRESS AND AN INTERVENTION TO PROMOTE ETHNIC IDENTITY IN ADOLESCENCE

Emma Adam

Northwestern University, Evanston, USA

ISDP Awards Session Talks/Presentations

17:00 - 18:00

Kon Tiki Ballroom

Session Chairs Julie Campbell, Moriah Thomason

AGENDA

Short Presentations from the 2025 ISDP Award Winners:

17:00 – 17:15 INTRODUCTION TO THE SESSION AND INDIVIDUAL AWARDS PRESENTED TO:

[2025 Rovee-Collier Mentor Award Winner: Patricia Brennan, PhD](#) (5 min) nominator Chaela Nutor, M.A. et al say a few words

[2019 Rovee-Collier Mentor Award Winner: Joanne Weinberg, PhD](#) nominator Megan Gunner, PhD to present the award

2025 Distinguished Service Award: Rick Richardson, PhD

(3 min) award committee says a few words

2025 Hennessy-Smotherman-Wiley Award for BEST STUDENT-AUTHORED PAPER

Published in Developmental Psychobiology 2025 Winner TBA, (3 min) Editor Amanda Dettmer announces the winner and says a few words

2025 Sandra G. Wiener Student Investigator Award: Jessica Sperber (3 min) award committee says a few words

17:15 – 18:00 AWARDS AND PRESENTATIONS, DISCUSSION

2025 Senior Investigator Award: Nathan A. Fox, PhD (8 min) Research presentation

2025 Kucharski Young Investigator Award: Lauren C. Shuffrey, PhD (8 min) Research presentation

2025 Kucharski Young Investigator Award: Karen E. Smith, PhD (8 min) Research presentation

2025 Dissertation Award: Özlü Aran, PhD (8 min) Research presentation

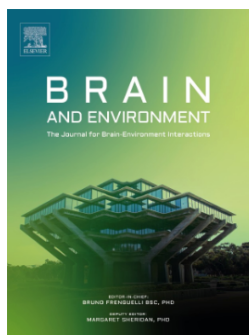
18:00 - 20:00 President's Reception & Poster Session 1

One drink coupon per participant, per each of the two poster session receptions, are included in registration, additional drinks may be purchased at the bars. Bars and Food Stations are inside the Aviary Ballroom as well as in the Foyer.

ODD numbered presentations 18:00 – 19:00

EVEN numbered presentations 19:00 – 20:00

- **Aviary Ballroom:** Posters P1.1 - P1.81
- **Boardroom East & West:** Posters P1.82 - P1.113
- **Foyer:** Posters P1.114 - P1.116 and LB.1 - LB.8



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Sponsors of the The *Brain and Environment* Best Student Poster Award in Human Developmental Psychobiology and Best Student Poster Award in Non-Human Animal Developmental Psychobiology

THURSDAY, NOVEMBER 13, 2025

07:30 - 08:00 Continental Breakfast for Affinity Group Meeting and Publisher's Workshop

08:00 – 09:00 Continental Breakfast for all other Attendees - Foyer

08:00 - 09:00 Affinity Groups Discussion - Continental Breakfast Included Boardroom East & West Session Chairs Ujala Janjua, Emilia Cardenas
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Affinity Group Meeting: Fostering Community at ISDP

Join us for an engaging session designed to promote inclusivity, collaboration, and belongingness within the ISDP community. This year, we plan to host several affinity group meetings (e.g., Caregivers, LGBTQA+, Latinx, Impacted by Federal Funding Cuts) for ISDP members. This meeting provides a safe and supportive space to connect with peers of similar or different backgrounds, share lived experiences and goals, as well as encourage one another on our collective career paths. Please register in advance to ensure an accurate headcount.

Registration link:

<https://docs.google.com/forms/d/e/1FAIpQLSeetV6ofBi1W10dJ7TVZDH8AjAhp-91DshyZ6Jo f ftIRmkw/viewform?usp=dialog>

08:00 - 09:00 Getting Published: Effectively Communicating Your Research workshop - Breakfast Meeting
Kon Tiki Ballroom
Session Chair Koraly Perez-Edgar

09:00 - 10:30 Wiley Young Investigator Symposium 4: EPIGENETIC SIGNATURES OF SOCIOECONOMIC POSITION ACROSS CHILDHOOD
Kon Tiki Ballroom
Session Chairs Jessica Sperber, Sonya Troller-Renfree



Session sponsored by Wiley – Publisher of Developmental Psychobiology

S4.1 ASSOCIATIONS AMONG SOCIOECONOMIC STATUS AND ACCELERATED AGING IN NEWBORN INFANTS

🏆 Jessica Sperber¹, Emma Hart¹, Sonya Troller-Renfree¹, Tyler Watts¹, Melissa Miller², Ariel Bellatin², Jerrold Meyer³, Amanda Dettmer⁴, Frances Champagne², Kimberly Noble¹

¹Teachers College, Columbia University, New York City, USA. ²University of Texas at Austin, Austin, USA. ³University of Massachusetts-Amherst, Amherst, USA. ⁴Yale Child Study Center, Yale School of Medicine, New Haven, USA

S4.2 DNA-METHYLATION PATTERNS OF SOCIOECONOMIC STATUS AND POVERTY IN CHILDREN'S SALIVA

🏆 Abby J. deSteiguer¹, Qiao Wu², Trey Smith³, Joshua A. Goode³, Elliot M. Tucker-Drob¹, Colter Mitchell³, K. Paige Harden¹, Laurel Raffington²

¹The University of Texas at Austin, Austin, USA. ²Max Planck Institute for Human Development, Berlin, Germany. ³University of Michigan, Ann Arbor, USA

S4.3 EFFECTS OF A CASH TRANSFER RANDOMIZED CONTROLLED TRIAL ON CHILD EPIGENETIC INDICATORS OF BIOLOGICAL AGING AND COGNITION

Laurel Raffington¹, Yayouk Willems¹, Jessica Sperber², Molly Costanzo³, Sepideh Zarandooz¹, Daniel Notterman⁴, Colter Mitchell⁵, Elliot Tucker-Drob⁶, Lisa Gennetian⁷, Nathan Fox⁸, Yoshikawa Hirokazu⁹, Greg Duncan¹⁰, Katherine Magnuson³, Sonya Troller-Renfree², Elisabeth Binder¹¹, Kathryn Paige Harden⁶, Kimberly Noble²

¹Max Planck Institute for Human Development, Berlin, Germany. ²Columbia University, New York, USA. ³University of Wisconsin–Madison, Madison, USA. ⁴Princeton University, Princeton, USA. ⁵University of Michigan, Ann Arbor, USA. ⁶University of Texas at Austin, Austin, USA. ⁷Duke University, Durham, USA. ⁸University of Maryland, Maryland, USA. ⁹New York University, New York, USA. ¹⁰University of California, Irvine, USA. ¹¹Max Planck Institute for Psychiatry, Munchen, Germany

S4.4 THE IMPORTANCE OF COMPETITION AND EARLY LIFE LUCK FOR THE DEVELOPMENT OF INDIVIDUALITY, INEQUALITY, HEALTH DEFICITS IN GENETICALLY IDENTICAL, FREE-LIVING MICE

 Matthew Zippel, Michael Sheehan

Cornell University, Ithaca, USA

10:30 – 11:00 Coffee Break - Networking, Visit the Exhibitors in the Foyer

11:00 - 12:20 Oral Session 1 - MULTILEVEL MECHANISMS OF EARLY LIFE STRESS: NEURAL, METABOLIC, AND BEHAVIORAL CONSEQUENCES

Kon Tiki Ballroom

Session Chair Assaf Oshri

11:00 O1.1 EARLY LIFE ADVERSITY GENERATES SEX-DEPENDENT PARASYMPATHETIC DYSFUNCTION AND DIVERGENT NEURONAL RESPONSES TO STRESS IN THE VAGAL BRAINSTEM OF MICE

 Sarah Panvini¹, Matthew Hong¹, Pat Levitt^{1,2}

¹Children's Hospital Los Angeles, Los Angeles, USA. ²University of Southern California Keck School of Medicine, Los Angeles, USA

11:10 O1.2 HARDWIRED BY HARDSHIP: A STRESS-SENSITIVE VMPFC–BLA CIRCUIT FUELS ADOLESCENT AVOIDANCE FOLLOWING EARLY ADVERSITY

 Caitlin Goodpaster, Michae Gongwer, Meelan Shari, Nico Jones, Makayla Ramirez, Maryam Alturki, Laura DeNardo
UCLA, Los Angeles, USA

11:20 O1.3 EFFECTS OF ENVIRONMENTAL ADVERSITY ON ACUTE METABOLIC OUTCOMES IN RAT PUPS

 Hannah Lapp, Melissa Salazar, Frances Champange
University of Texas at Austin, Austin, USA

11:30 O1.4 INFLAMMATORY DIET MEDIATES THE RELATIONSHIP BETWEEN EARLY LIFE STRESS AND INFLAMMATION IN ADOLESCENTS

Caroline Glaser¹, Bonny Donzella², Georgia Celestin¹, Özlü Aran¹, Michael Linden², Megan Gunnar², Brie Reid¹
Northeastern University, Boston, USA. ²University of Minnesota, Minneapolis, USA

11:40 O1.5 THREAT EXPOSURE AND CAREGIVER MODULATION OF FEAR LEARNING IN EARLY CHILDHOOD

 Nicolas Murgueitio¹, Katie McLaughlin², Laura Machlin¹, Madison Sokolik¹, Pranav Swarna¹, Kinjal Patel¹, Abigail Findley¹, Cathi Propper¹, Regina Sullivan³, Margaret Sheridan¹

University of North Carolina at Chapel Hill, Chapel Hill, USA. ²The Ballmer Institute for Children's Behavioral Health, University of Oregon, Oregon, USA. ³New York University Langone School of Medicine, New York, USA

11:50 **O1.6 LONGITUDINAL ASSOCIATIONS BETWEEN EARLY CHILDHOOD DEPRIVATION AND ADOLESCENT BRAIN FUNCTION DURING AN EMOTIONAL FACE N-BACK TASK**

 Esmeralda Navarro¹, Nicolas Murgueitio¹, Connor Haughey¹, Kimberly Carpenter², William Copeland³, Margaret Sheridan¹

¹UNC-Chapel Hill, Chapel Hill, USA. ²Duke University, Durham, USA. ³University of Vermont, Burlington, USA

12:00 **O1.7 NEURAL CORRELATES OF THREAT AND DEPRIVATION IN EARLY CHILDHOOD: EVIDENCE IN AN FMRI REAPPRAISAL TASK**

 Michelle Shipkova, Nicolas Murgueitio, Lucy Lurie, Micaela Rodriguez, Margaret Sheridan

University of North Carolina at Chapel Hill, Chapel Hill, USA

12:10 **O1.8 INCOME INSUFFICIENCY IMPACTS EARLY BRAIN DEVELOPMENT IN INFANTS FACING INCREASED PSYCHOSOCIAL ADVERSITY: A NETWORK-BASED APPROACH**

Haerin Chung¹, Carol Wilkinson^{1,2}, Asher Liu¹, Alex Job Said¹, Brianna Francis¹, Gabriela Canaveral¹, Kathleen Conroy^{1,2}, Helen Tager-Flusberg³, Charles A. Nelson^{1,2,4}

¹Boston Children's Hospital, Boston, USA. ²Harvard Medical School, Boston, USA.

³Boston University, Boston, USA. ⁴Harvard Graduate School of Education, Boston, USA

12:20 – 13:50 Lunch On-Own - Student Networking – view website for local restaurant suggestions.

13:50 - 15:20 Symposium 5: THE IMPACT OF ELA ON THE DEVELOPING BRAIN: CLARIFYING SPATIOTEMPORAL CASCADES

Kon Tiki Ballroom

Session Chair Jennifer Silvers

S5.1 WHERE IN THE BRAIN IS EARLY-LIFE ADVERSITY ENCODED? AND WHY IS THIS IMPORTANT

Tallie Baram

University of California-Irvine, Irvine, USA

S5.2 HOW ADVERSITY ALTERS CORTICOLIMBIC DEVELOPMENT AND AFFECTIVE BEHAVIOR IN HUMANS

Dylan Gee

Yale University, New Haven, USA

S5.3 IMPACTS OF ELA ON AMBIGUITY PROCESSING DURING LATE ADOLESCENCE

Jennifer Silvers

University of California, Los Angeles, Los Angeles, USA

S5.4 CONTRIBUTION OF ELA-RESPONSIVE NEURAL ENSEMBLES TO HEIGHTENED ADOLESCENT RISK-TAKING

Heather Brenhouse

Northeastern University, Boston, USA

15:20 - 15:50 Coffee Break - Networking, Visit the Exhibitors in the Foyer

15:50 - 16:50 2025 Distinguished ISDP-Wiley Keynote Speaker: Christina D. Chambers, PhD, MPH, University of California, San Diego School of Medicine
Kon Tiki Ballroom
Session Chair Koralay Perez-Edgar

GLOBAL CHALLENGES IN EARLY RECOGNITION, INTERVENTION AND PREVENTION OF THE NEURODEVELOPMENT EFFECTS OF PRENATAL ALCOHOL EXPOSURE

Session sponsored by [Wiley](#) – Publisher of Developmental Psychobiology



16:50 - 17:50 Oral Session 2 - Flash Talks

Kon Tiki Ballroom *(please visit these authors following the session for questions & discussion in Poster Session 2)*

Session Chair Bridget Callaghan

16:50 FT.1 ADAPTIVE STRESS AND HEART RATE VARIABILITY AMONG NEWCOMER LATINÉ CHILDREN: AN EXPLORATORY CASE STUDY OF PHYSIOLOGICAL RESILIENCE

Jasmine M. Banegas¹, Amelia Wennerstrom¹, Bonny Donzella¹, Saida Abdi², Abigail H. Gewirtz³, Megan R. Gunnar¹

¹University of Minnesota, Institute of Child Development, Minneapolis, USA.

²University of Minnesota, School of Social Work, Minneapolis, USA. ³Arizona State University, REACH Institute, Tempe, USA

16:54 FT.2 DO HEALTH BEHAVIORS EXPLAIN THE ASSOCIATION BETWEEN EARLY LIFE STRESS AND GREATER CARDIOVASCULAR RISK IN PREVIOUSLY-INSTITUTIONALIZED YOUTH?

Bonny Donzella¹, Nikola C Tsakonas¹, Annika Knutson¹, Brie Reid², Megan R Gunnar¹

¹University of Minnesota, Minneapolis, USA. ²Northeastern University, Boston, USA

- 16:58 **FT.3 "IT PUTS A STAMP ON YOU": CAREGIVER PERCEPTIONS OF DEFICIT- AND STRENGTH-BASED NARRATIVES ABOUT BRAIN DEVELOPMENT IN THE CONTEXT OF POVERTY**
 DeJoseph¹, Monica Ellwood-Lowe¹, Gabriel Reyes¹, Willem Frankenhuis², Phil Fisher¹
¹Stanford University, Stanford, USA. ²University of Amsterdam, Amsterdam, Netherlands
- 17:02 **FT.4 RISK AND RESILIENCE IN THE PRENATAL PERIOD: EXAMINING EARLY LIFE ADVERSITY AND PROTECTIVE FACTORS IN PREGNANCIES COMPLICATED BY CONGENITAL ANOMOLIES**
 Calista Shank¹, Alexandria Budney¹, Joanna C.M. Cole^{1,2}
¹Children's Hospital of Philadelphia, Philadelphia, USA. ²University of Pennsylvania, Philadelphia, USA
- 17:06 **FT.5 MOTHER-CHILD RSA SYNCHRONY AS A PATHWAY TO RESILIENCE OR RISK: THE ROLE OF MATERNAL DEPRESSION AND EMOTION SOCIALIZATION**
 Yihui Gong, Feng Xin
The Ohio State University, Columbus, USA
- 17:10 **FT.6 ADVERSE OFFSPRING OUTCOMES CORRELATE WITH OPIOID INDUCED MATERNAL CARE DEFICITS WHICH MAY BE MITIGATED BY POSTPARTUM OXYTOCIN TREATMENT**
 Ella Walsh, Jecenia Duran, Lauren Richardson, Abigal Myers, Shane Perrine, Scott Bowen, Susanne Brummelte
Wayne State University, Detroit, USA
- 17:14 **FT.7 TOWARDS A HOLISTIC UNDERSTANDING OF BED-SHARING: EXAMINING REGULATORY AND RELATIONAL EFFECTS IN A MEXICAN ORIGIN SAMPLE**
 Annabelle Armah¹, Betty Lin¹, Linda Luecken², Sarah Curci³
¹University at Albany, SUNY, Albany, USA. ²Arizona State University, Tempe, USA. ³University of Colorado, Aurora, USA
- 17:18 **FT.8 MICROBIOME COMPOSITION IS ASSOCIATED WITH INTEROCEPTIVE CONNECTIVITY IN INFANTS**
 Nicolas Murgueitio¹, Sarah Short², Rebecca Knickmeyer³, Rasmus Birn², Cathi Propper¹
¹University of North Carolina at Chapel Hill, Chapel Hill, USA. ²University of Wisconsin-Madison, Madison, USA. ³Michigan State University, East Lansing, USA

17:22 **FT.9 TRAJECTORIES OF TOBACCO & CANNABIS EXPOSURE FROM PREGNANCY TO EARLY-SCHOOL-AGE: IMPLICATIONS FOR CHILD SALIVARY IL-6, SIGA, AND CRP**

 Madison Kelm¹, Sy-Miin Chow¹, Kristin Perry², Danielle Molnar³, Rina Eiden¹

¹Pennsylvania State University, State College, USA. ²University of Oregon, Eugene, USA. ³Brock University, Ontario, Canada

17:26 **FT.10 PREGNANT WOMEN'S INFLAMMATORY RESPONSE TO STRESS: RELATIONS WITH CHILDHOOD MALTREATMENT AND CURRENT DISTRESS**

Heidemarie Laurent, Penina Backer

Penn State University, University Park, USA

17:30 **FT.11 MATERNAL DISTRESS SYMPTOMS, INFANT RSA, AND THE DEVELOPMENT OF ADAPTIVE FUNCTIONING IN ROHINGYA AND BANGLADESHI FAMILIES**

Elisa Ugarte¹, Mahbub Elahi², Bharati Roy², Eamam Hossain², Reza Mostary², Md Shakil Ahamed², Md Sajjadur Rahman², Paul Hastings³, Fahmida Tofail², Alice Wuermli¹

¹Global TIES for Children, New York University, New York, USA. ²icddr, Dhaka, Bangladesh. ³University of California Davis, Davis, USA

17:34 **FT.12 VAGAL FLEXIBILITY AS A PROTECTIVE FACTOR OF CHILDHOOD ANXIETY: A LASSO REGRESSION APPROACH**

 Nicole Huth¹, Kathy Sem¹, Hong Bui², Christina Danko², Andrea Chronis-Tuscano², Kenneth Rubin², Nicholas Wagner¹

¹Boston University, Boston, USA. ²University of Maryland, College Park, USA

17:38 **FT.13 CAREGIVER-CHILD INTERBRAIN SYNCHRONY: CONCURRENT ASSOCIATIONS WITH SOCIODEMOGRAPHIC RISK, CAREGIVER ANXIETY SYMPTOMS, AND CAREGIVER EMOTION SOCIALIZATION BEHAVIORS**

 Lucia Herrero¹, Joscelin Rocha-Hidalgo¹, Desirée Mecca¹, Susan Perlman², Koraly Pérez-Edgar¹

¹Penn State University, University Park, USA. ²Washington University in St. Louis, St. Louis, USA

17:42 **FT.14 MATERNAL MOOD ENTROPY DURING PREGNANCY IS ASSOCIATED WITH VARIATION IN FETAL HEART RATE REGULATION**

 Danruo Zhong, Jennifer Hammond, Elizabeth Werner, Grace Liu, Seonjoo Lee, Catherine Monk

Columbia Irving Medical Center, New York, USA

17:46 FT.15 **WHAT & WHERE SOCIAL LEARNING IN INFANTS**

Francys Subiaul¹, Rachel Barr², Ji Seung Yang³

¹George Washington University, Washington, D.C., USA. ²Georgetown University, Washington, D.C., USA. ³University of Maryland, College Park, College Park, USA

17:50 – 19:50 Poster Session 2 with Drinks & Snacks

One drink coupon per participant, per each of the two poster session receptions, are included in registration, additional drinks may be purchased at the bars. Bars and Food Stations are inside the Aviary Ballroom as well as in the Foyer.

ODD numbered presentations 17:50 – 18:50 EVEN numbered presentations 18:50 – 19:50

- **Aviary Ballroom:** Posters P2.1 - P2.81 and FT.13
- **Boardroom East & West:** Posters P2.82 - P2.101; FT.11, FT.12, FT.14, FT.15, LB.10 - LB.17
- **Foyer:** Posters FT.1 - FT.10

19:50 - 21:50 Student Social Sponsored by Wiley at The Local Pacific Beach

Student Member Representatives Anna Vannucci, Annabell Armah

The Local Pacific Beach, 809 Thomas Ave, San Diego <https://thelocalpb.com/>

Please meet in the front lobby right after the Poster Session and we can walk over together. On behalf of all ISDP Students, the ISDP Student Member Representatives thank **Wiley – Publisher of Developmental Psychobiology** for generously sponsoring this event!



Developmental Psychobiology



FRIDAY, NOVEMBER 14, 2025

07:30 – 08:00 Continental Breakfast for Meet the Professors Participants

08:00 – 09:00 Continental Breakfast for All Other Attendees

08:00 – 09:00 Meet the Professors Breakfast Meeting

Aviary Ballroom

Session Chairs Anna Vannucci, Annabell Armah

09:00 - 10:30 Symposium 6: THE MATERNAL METABOLIC-INFLAMMATORY NEXUS: IMPACTS ON FETAL AND INFANT DEVELOPMENT

Kon Tiki Ballroom

Session Chairs Brie Reid, Lauren Shuffrey

S6.1 MATERNAL INFLAMMATION AND FETAL BRAIN DEVELOPMENT

Michael Georgieff^{1,2}, Brie Reid³, Phu Tran³

¹Department of Pediatrics, University of Minnesota, Minneapolis, USA. ²Masonic Institute for the Developing Brain (MIDB), University of Minnesota, Minneapolis, USA. ³Northeastern University, in the departments of Psychology and Health Sciences and Public Health, Boston, USA

S6.2 IDENTIFYING INFLAMMATORY CHANGES ACROSS PREGNANCY AND THEIR LINKS TO ADVERSE PREGNANCY OUTCOMES

 Sarah Banker¹, Stephanie Giamberardino², Akhgar Ghassabian¹, Sarah Sinsal², Christian Douglas², Santiago Morales³, Christine Hockett^{4,5}, Amy Elliott^{4,5}, Lauren Shuffrey¹

¹NYU Grossman School of Medicine, New York, USA. ²RTI International, Research Triangle Park, USA. ³University of Southern California, Los Angeles, USA. ⁴Avera Research Institute, Sioux Falls, USA. ⁵University of South Dakota School of Medicine, Sioux Falls, USA

S6.3 SYSTEMIC INFLAMMATION DURING AND AFTER PREGNANCY AS A MARKER FOR CARDIOMETABOLIC DISEASE IN BLACK WOMEN

Kate Keenan

Department of Psychiatry and Behavioral Neuroscience, University of Chicago, Chicago, USA

S6.4 GESTATIONAL KYNURENINE METABOLITES MEDIATE EFFECTS OF PREGNANCY ADIPOSITY ON CHILD NEGATIVE AFFECT

Elinor Sullivan

Departments of Psychiatry and Behavioral Neuroscience, Oregon Health & Science University, Portland, USA

10:30 – 11:00 Coffee Break - Networking, Visit the Exhibitors

11:00 - 12:20 Oral Session 3 - Neural and Physiological Foundations of Emerging Infant Behavior

Kon Tiki Ballroom

Session Chair Liz Conradt

11:00 O3-1 CONCURRENT DEVELOPMENT OF NEURAL BODY MAPS AND GRASP CONTROL IN INFANCY

 Kaitlyn Campbell¹, Melissa Horger², Georgios Pavlakos³, Valentina Parma⁴, Peter Marshall¹

¹Temple University, Philadelphia, USA. ²University of Massachusetts Amherst, Amherst, USA. ³The University of Texas at Austin, Austin, USA. ⁴Monell Chemical Senses Center, Philadelphia, USA

11:10 O3-2 INFANT RESPIRATORY SINUS ARRHYTHMIA PREDICTS EMERGING SOCIAL COMMUNICATION SKILLS IN CHILDREN LATER DIAGNOSED WITH AUTISM SPECTRUM DISORDER

 Caroline Christianson, Tessa Djiko, Jemeya Thomas, Prisha Patel, Julia Yurkovic-Harding, Jessica Bradshaw
University of South Carolina, Columbia, USA

11:20 O3-3 CONCENTRATION OF EXOSOMES IN MATERNAL PLASMA DURING PREGNANCY IS ASSOCIATED WITH AUTISM-RELATED BEHAVIORS IN CHILDHOOD

Morgan Firestein¹, Serena Nencini², Delia McGowan³, Parssa Akbari², Esther Mager Garfield², Rebecca Muhle^{2,4}, Anna Penn², William Fifer^{2,4}

¹Robert Wood Johnson Medical School, New Brunswick, USA. ²Columbia University Medical Center, New York, USA. ³Barnard College, New York, USA. ⁴New York State Psychiatric Institute, New York, USA

11:30 O3-4 MRI R2* ASSESSMENT OF IRON DYNAMICS IN THE DEVELOPING HUMAN BRAIN DURING THE PERINATAL PERIOD

 Lanxin Ji¹, Bosi Chen¹, Iris Menu², Christopher Trentacosta³, Moriah Thomason¹

¹NYU Langone Health, New York, USA. ²Institut de Psychologie, Paris, France.

³Wayne State University, Detroit, USA

11:40 O3-5 DEVELOPMENT OF HURST EXPONENT FROM RESTING-STATE FMRI AS A PROXY FOR E/I BALANCE IN EARLY CHILDHOOD

 Bosi Chen¹, Annika Linke², Lanxin Ji¹, Inna Fishman², Natalie Brito³, Moriah Thomason¹

¹NYU Langone Health, New York, USA. ²San Diego State University, San Diego, USA.

³New York University, New York, USA

11:50 O3-6 **CASCADING PERIODS OF LANGUAGE-RELATED BRAIN PLASTICITY ACROSS EARLY CHILDHOOD**

Monica E. Ellwood-Lowe, Monami Nishio, Allyson P. Mackey
University of Pennsylvania, Philadelphia, USA

12:00 O3-7 **CONNECTING THE DOTS: ASSOCIATIVE TRANSFER AND INFERENCE AT 6 MONTHS OF AGE**

Kimberly Cuevas¹, David A. Townsend², Amy Learmonth³

¹University of Connecticut, Waterbury, USA. ²Rutgers University, New Brunswick, USA. ³William Paterson University, Wayne, USA

12:10 O3-8 **HOW INFLAMMATION INTERACTS WITH ACETAMINOPHEN EARLY IN LIFE TO INFLUENCE SOCIAL-EMOTIONAL BEHAVIOR IN RODENTS: THE CASE FOR A PSYCHOBIOLOGICAL SYSTEMS APPROACH.**

Christopher Harshaw

University of New Orleans, New Orleans, USA

12:20 – 13:50 Lunch On-Own - Student Networking

13:50 - 15:20 Symposium 7: DIVERSE REFLECTIONS ON INTERGENERATIONAL TRANSMISSION OF TRAUMA AND RESILIENCE: FROM ANIMAL MODELS TO ECOLOGICAL SYSTEMS

Session sponsored by the Institute for Developmental Sciences at Columbia University, Columbia University Department of Psychiatry

Kon Tiki Ballroom

Session Chairs Lana Ruvolo Grasser, Manessa Riser; Discussant Yo Jackson



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[Institute for Developmental Sciences at Columbia University](#) Columbia University
Department of Psychiatry

S7.1 DIMINISHED MATERNAL CARE BEHAVIOR MODERATES OFFSPRING OUTCOME: INSIGHTS FROM A TRANSLATIONAL RODENT MODEL OF OPIOID USE DISORDER

Lauren M. Richardson, Abigail M. Myers, Jecenia Duran, Shane A. Perrine, Scott E. Bowen, Susanne Brummelte

Wayne State University, Detroit, USA

S7.2 FROM PAST TO PRESENT: THE INFLUENCE OF MATERNAL CHILDHOOD ABUSE AND PARENTING STRESS ON CHILDREN'S FEAR RESPONSES

Manessa Riser¹, Charis Wiltshire², Sattvik Basarkod¹, Shaurel Valbrun¹, John France¹, Tanja Jovanovic¹

¹Wayne State University School of Medicine, Detroit, USA. ²Emory University, Atlanta, USA

S7.3 EXAMINING ASSOCIATIONS AMONG MATERNAL PRENATAL DEPRESSIVE SYMPTOMS, VITAMIN D LEVELS, AND CHILD AUTISM TRAITS IN BLACK AMERICAN FAMILIES

CHAE LAN UTOR¹, Patricia Brennan¹, Erin Ferranti¹, Elizabeth Corwin², Anne Dunlop¹

¹Emory University, Atlanta, USA. ²Columbia University, New York, USA

S7.4 CONTEXTUAL INFLUENCES ON CHILDREN'S EXPRESSIVE ANGER AND SADNESS IN REGULATING FRUSTRATION IN AN EARLY HEAD START SAMPLE

Anna Zhou^{1,2}, Sarah Curci², Alexandria Stansell², Elex Simbeck², Andrew McGee², Sarah Watamura²

¹University of Colorado Anschutz Medical Campus, Aurora, USA. ²University of Denver, Denver, USA

15:30 – 15:35 Quick Coffee Break

15:35 - 16:55 Oral Session 4 - Building Brains and Bonds: The Developmental Science of Regulation and Resilience

Kon Tiki Ballroom

Session Chair Martha Ann Bell

15:35 O4-1 EMOTIONAL BRAINS, PARENTAL GAINS: DECODING NEUROAFFECTIVE PROCESSES BEFORE AND AFTER BECOMING A FATHER

 Philip Newsome¹, Anthony Vaccaro², Yael Waizman¹, Tim Hu¹, Elizabeth Kim¹, Roshni Lulla¹, Sarah Stoycos¹, Jonas Kaplan¹, Darby Saxbe¹

¹University of Southern California, Los Angeles, USA. ²The University of North Carolina at Chapel Hill, Chapel Hill, USA

15:45 O4-2 BEHAVIORAL REGULATION STRATEGY MEDIATES ASSOCIATION BETWEEN TEMPERAMENT TRAITS AND LEVEL OF NEGATIVE AFFECT DURING A FRUSTRATION TASK AT 5 MONTHS

 J. Douglas Harrison Jr., Martha Ann Bell

Virginia Tech, Blacksburg, USA

15:55 O4-3 EXTRACURRICULAR ACTIVITIES IN EARLY CHILDHOOD LINKED TO PARASYMPATHETIC REGULATION AND SELF-REGULATION

 Rashmi Risbud, Paul Hastings

University of California, Davis, Davis, USA

- 16:05 **O4-4 ADVANCED ANALYSIS OF BEHAVIORAL SYNCHRONY AND PARASYMPATHETIC RESPONSE IN MOTHER-INFANT PLAY**
A'di Dust¹, Sarah Panvini², Maja Matarić¹, Pat Levitt²
¹University of Southern California, Los Angeles, USA. ²Children's Hospital of Los Angeles, Los Angeles, USA
- 16:15 **O4-5 PATERNAL CHRONIC BACTERIAL-LIKE INFECTION INDUCES MULTIGENERATIONAL ANXIETY AND COGNITIVE CHANGES AND ALTERED SPERM SMALL RNA PROFILES**
 Huan Liao^{1,2}, Da Lu², Sharon Lily Tsang², Jia Yu Lau³, Sonali N Reisinger^{1,2}, Anthony J Hannan^{1,2,4}
¹Florey Institute of Neuroscience and Mental Health, Melbourne, Australia. ²Florey Department of Neuroscience and Mental Health, University of Melbourne, Melbourne, Australia. ³University of Western Australia, Perth, Australia. ⁴Department of Anatomy and Physiology, University of Melbourne, Melbourne, Australia
- 16:25 **O4-6 NEONATAL LIMBIC STRUCTURES MODERATE THE INFLUENCE OF PATERNAL MENTAL HEALTH ON EARLY CHILDHOOD PSYCHOPATHOLOGY RISK**
 Bhavya Arya^{1,2}, Birit Broekman³, Stella Tsotsi⁴, Helen Chen⁵, Annabel Chen², Ai Peng Tan⁶, Yap Seng Chong⁶, Anqi Qiu⁶, Anne Rifkin-Graboi^{6,7}
¹Centre for Research in Child Development, National Institute of Education, Singapore, Singapore. ²Nanyang Technological University, Singapore, Singapore. ³OLVG, Amsterdam, Netherlands. ⁴Oslo Metropolitan University, Oslo, Norway. ⁵KK Women's and Children's Hospital, Singapore, Singapore. ⁶National University of Singapore, Singapore, Singapore. ⁷National Institute of Education, Singapore, Singapore
- 16:35 **O4-7 CONFLICT RESOLUTION DYNAMICS WITH STABLE CAREGIVERS CONFER RESILIENCE FOR YOUTH EXPOSED TO EARLY CAREGIVER-RELATED ADVERSITY**
Jennifer Somers¹, Francesca Querdasi², Sarah Xu², Minella Aghajani², Qiran Sun², Wenyue Li², Siyan Nussbaum³, Kristen Chu², Naomi Gancz², Emily Towner⁴, Bridget Callaghan²
¹Auburn University, Auburn, USA. ²UCLA, Los Angeles, USA. ³University of California Riverside, Riverside, USA. ⁴University of Cambridge, Cambridge, United Kingdom
- 16:45 **O4-8 MATTERS OF THE HEART: RSA PREDICTS SELF-REPORTED, NOT PARENT-REPORTED, PROSOCIAL DEVELOPMENT**
 Jennifer Phillips¹, Ruth Speidel¹, Tina Malti^{1,2}
¹Centre for Child Development, Mental Health, and Policy, Mississauga, Canada. ²Humboldt Science Center for Child Development, Leipzig, Germany

16:55 – 17:20 ISDP Member's Business Meeting, Updates from the Board of Directors & the Editor of the Developmental Psychobiology Journal

Kon Tiki Ballroom

Session Chair Koraly Perez-Edgar

Invitation to ISDP 2026 in New Orleans & Adjourn!

17:20 - 17:30 Friday, 14th November, 2025

Kon Tiki Ballroom

POSTER TITLES & AUTHORS

P1.1 NEURAL RESPONSES TO SOCIAL FEEDBACK IN AUTISTIC ADOLESCENTS

Wenyi Xu¹, Autumn Kujawa², Anh Dao^{1,2}, Jessica M. Schwartzman^{3,4,5}, Santiago Morales¹

¹Department of Psychology, University of Southern California, Los Angeles, USA.

²Department of Psychology and Human Development, Vanderbilt University, Nashville, USA.

³Department of Pediatrics, Keck School of Medicine, University of Southern California, Los Angeles, USA. ⁴Division of Developmental Behavioral Pediatrics, Children's Hospital Los Angeles, Los Angeles, USA. ⁵Department of Psychiatry and Behavioral Sciences, Vanderbilt

University Medical Center, Nashville, USA

P1.2 FROM INFANT TEMPERAMENT TO ANXIETY: THE MODERATING IMPACT OF INFANT MISMATCH RESPONSE

 Jiayin Xing¹, Dana Kanel², Sydney Takemoto¹, Emilio Valadez³, Hyung Park⁴, Santiago Morales³, Daniel Pine⁵, Nathan Fox², Courtney Filippi¹

¹Department of Child and Adolescent Psychiatry, New York University, New York, USA.

²Department of Human Development and Quantitative Methodology, University of Maryland, College Park, USA. ³Department of Psychology, University of Southern California, Los Angeles, USA. ⁴Department of Population Health, New York University, New York, USA.

⁵Emotion and Development Branch, National Institute of Mental Health, Bethesda, USA

P1.3 PERINATAL INFLAMMATION AND OXIDATIVE STRESS ALTERS ADULT RAT (RATTUS NORVEGICUS) MOTOR BEHAVIOR

Alexander Young, Joshua Herrington

Georgia Southern, Savannah, USA

P1.4 PERINATAL IMMUNE ACTIVATION ALTERS PRE-WEANING SOCIAL SCENT PREFERENCE IN RATS (RATTUS NORVEGICUS)

Lillian Tulloch, Joshua Herrington

Georgia Southern University, Savannah, USA

P1.5 EFFECTS OF DEVELOPMENTAL ETHANOL EXPOSURE AND POSTNATAL CHOLINE SUPPLEMENTATION ON CHOLINE METABOLISM

Jessica Baker, Jennifer Thomas

San Diego State University, San Diego, USA

P1.6 TWO-HIT EXPOSURE OF LPS AND ACETAMINOPHEN DURING SENSITIVE PERIODS OF NEURAL DEVELOPMENT ALTERS LARVAL ZEBRAFISH SWIM BEHAVIOR

Joshua Herrington¹, Robert Mans¹, Christopher Harshaw²

¹Georgia Southern University, Savannah, USA. ²University of New Orleans, New Orleans, USA

P1.7 MISMATCH NEGATIVITY AND NEURODEVELOPMENTAL OUTCOMES IN CHILDREN BORN PRETERM

Aidee Leon Lua¹, Beth Prieve¹, Erin Matsuba^{1,2}, Devon Pacheco^{1,3}, Jarryd Osborne¹, Stephanie McMillen¹, Natalie Russo¹

¹Syracuse University, Syracuse, USA. ²Boston Children's Hospital, Boston, USA. ³Boys Town National Research Hospital, Omaha, USA

P1.8 MATERNAL DIETARY CHOLINE LEVEL MODIFIES THE EFFECTS OF PRENATAL ALCOHOL ON ACTIVITY

 Maya Rusnak, Samuel Angell, Jessica Baker, Jennifer Thomas

San Diego State University, San Diego, USA

P1.9 INFANT NOVELTY PROCESSING MEDIATES THE LINK BETWEEN NEGATIVE REACTIVE TEMPERAMENT AND SOCIAL ANXIETY

 Jiayin Xing¹, Sydney Takemoto¹, Dana Kanel^{2,3}, Daniel Pine³, Nathan Fox², Courtney Filippi¹

¹Department of Child and Adolescent Psychiatry, New York University, New York, USA.

²Department of Human Development and Quantitative Methodology, University of Maryland, College Park, USA. ³Emotion and Development Branch, National Institute of Mental Health, Bethesda, USA

P1.10 PRENATAL CBD EXPOSURE IMPAIRS SPATIAL MEMORY IN A SEX-DEPENDENT MANNER

 Dorsa Naderpour, Ilse Fleischer, Sam Angell, Jennifer Thomas

San Diego State University, San Diego, USA

P1.11 CELL NON-AUTONOMOUS ADAPTATIONS IN ASTROCYTES IN THE ABSENCE OF MET S1014 PHOSPHORYLATION

Liana Hayrapetyan¹, Peter Degen², Michaela Medová², Kathie Eagleson¹, Pat Levitt¹

¹Children's Hospital Los Angeles, Los Angeles, USA. ²University of Bern, Bern, Switzerland

P1.12 INTEGRATIVE TRANSLATIONAL STUDY OF DUAL PHOTOBIO-MODULATION IN CHILDREN WITH AUTISM: MICROBIOME PROFILING AND BEHAVIORAL OUTCOMES

Gabriela Guimaraes, Sarah Diaz, Nicole Jackson, Isabelle Rose, Hunter Dutkiewicz, Douglas Barrett, Francisco Gonzalez-Lima

University of Texas at Austin, Austin, USA

P1.13 EPIGENETIC SIGNATURES OF THE OXYTOCIN SYSTEM IN THE CONTEXT OF PRENATAL OPIOID EXPOSURE

 Eva Smith, Oviyanna Umoh, Heaven Boisclair, Amanda Jose, Christiana Martin, Mary Dozier, Tania Roth

University of Delaware, Newark, USA

P1.14 POSTNATAL MATERNAL LICKING/GROOMING MITIGATES THE IMPACT OF PRENATAL BISPHENOL EXPOSURE ON DNA METHYLATION MODIFICATIONS IN THE DEVELOPING HYPOTHALAMUS OF FEMALE RAT OFFSPRING

Samantha Lauby, Dennis Wylie, Hannah Lapp, Melissa Salazar, Frances Champagne
University of Texas at Austin, Austin, USA

P1.15 THE BIOLOGICAL EMBEDDING OF RACISM ACROSS TWO GENERATIONS

Constance Wilson¹, Brooke McKenna^{2,3,4}, Jocelyn Stanfield¹, Anna Knight¹, Anne Dunlop¹, Elizabeth Corwin⁵, Alicia Smith¹, Patricia Brennan¹

¹Emory University, Atlanta, USA. ²Purdue University, West Lafayette, USA. ³Massachusetts General Hospital, Boston, USA. ⁴Harvard Medical School, Boston, USA. ⁵Columbia University, New York, USA

P1.16 BOOSTING BABY'S HEALTH: PRENATAL SOCIAL SUPPORT, MATERNAL CORTISOL, AND NEONATAL THYROID-STIMULATING HORMONE

Alexandra Aringer¹, Marilyn Santana², Anna Zhou^{3,4}, Sarah Maylott⁵, Kira Wright², Elisabeth Conrad⁵, Sheila Crowell¹

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P1.92 LINKS OF ADOLESCENT AND PARENT DEPRESSION WITH ADOLESCENT INSULIN SENSITIVITY

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P1.99 CHANGES IN BELIEFS ABOUT INFANT CRYING FROM PREGNANCY TO POSTPARTUM IN FIRST-TIME MOTHERS AND FATHERS

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P1.100 PARENTING IMPACTS CHILDREN'S PSYCHOBIOLOGY: FINDINGS FROM A RANDOMIZED CONTROLLED TRIAL OF PARENT-CHILD CARE (PC-CARE)

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P1.104 DAILY FLUCTUATIONS IN PARENT REPORTS OF INFANT DYSREGULATED MEDIA USE: RESULTS FROM A DAILY DIARY STUDY

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P1.105 CHARACTERIZING THE RELATIONSHIP BETWEEN COPARENTING AND TRIADIC QUALITY AS A FUNCTION OF COPARENTING TEAM COMPOSITION

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P1.106 THE ROLE OF BOTH PARENTS: A COMPARISON OF MOTHER-CHILD AND FATHER-CHILD INTERACTIONS IN EARLY CHILDHOOD

Sara Pizzini, Caslin Sisk, Anna Vernacchio, Olivia Christel, Katherine Hayes, Lucinda Neely,
Rachel Barr, Rebecca Ryan

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P1.111 PREDICTABILITY OF MATERNAL SENSORY SIGNALS AND INFANT CORTISOL RESPONSE TO A SOCIAL STRESSOR

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P1.113 EARLY LIFE PREDICTORS OF MATERNAL ADDICTION: THE ROLE OF PSYCHOLOGICAL MALTREATMENT AND DEFICITS IN MATERNAL CARE

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P1.115 BIDIRECTIONAL AFFECTIVE SYNCHRONY IN PARENT-CHILD CONVERSATIONS USING MACHINE LEARNING

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P2.3 THE HEART OF REGULATION: AN EXPLORATION OF CONNECTIONS BETWEEN AUTONOMIC STRESS REACTIVITY PROFILES AND PSYCHOPATHOLOGY IN ADOLESCENTS

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P2.5 PREDICTING INFANT AFFECTIVE STATES FROM HEART RATE VARIABILITY USING MACHINE LEARNING

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P2.6 EXPLORING LINKS BETWEEN PRENATAL EXPERIENCES OF RACIAL DISCRIMINATION, INFLAMMATION, AND INFANT PSYCHOSOCIAL OUTCOMES

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P2.7 GUT MICROBIOME MODERATES THE IMPACT OF EARLY ADVERSITY ON BASAL GANGLIA NEUROPHYSIOLOGY IN CHILDREN AND ADOLESCENTS

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Julia Garon-Bissonnette, Maya Jackson, Ellen A. Windham, Meredith Faivre, Kathryn L. Humphreys, Autumn Kujawa
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P2.12 USING LATENT CHANGE SCORE MODELING TO CHARACTERIZE AUTONOMIC COORDINATION AMONG PARENTS OF BEHAVIORALLY INHIBITED CHILDREN

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P2.13 MATERNAL RESPONSIVENESS AND INFANT PHYSIOLOGICAL REGULATION: AN EXAMINATION OF INFANT STRESS REACTIVITY AND RECOVERY IN HOME ENVIRONMENTS

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P2.20 EXAMINING CONCORDANCE BETWEEN PARENT-REPORT, OBSERVATIONAL, AND PHYSIOLOGICAL INDICATORS OF INFANT SELF-REGULATION

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P2.29 VARIABILITY IN DAILY INFANT TEMPERAMENT AND ITS LINKS TO STANDARD TEMPERAMENT TRAITS AND CAREGIVER DISTRESS

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Feiyu Wang, Qiuyu Yu, Cullin Howard, Charles Geier, Assaf Oshri
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P2.32 PSYCHOSOCIAL PROFILES IN PREGNANCY PREDICT INTERNALIZING AND EXTERNALIZING BEHAVIORS IN TODDLERHOOD

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P2.33 SIBLING PRESENCE AS A BUFFER AGAINST ANXIETY: A LONGITUDINAL STUDY OF COHABITATION AND EMOTIONAL DEVELOPMENT IN YOUTH

Joshua Leiby, Katie Bessette, Helen Khaw, Tara Peris, Adriana Galván
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P2.41 RAPID DETECTION OF FEARFUL AND HAPPY EMOTIONAL EXPRESSIONS BY 7-MONTH-OLD INFANTS

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P2.46 CHILDHOOD ADVERSITY IS ASSOCIATED WITH PERINATAL SLEEP PROBLEMS IN FIRST-TIME MOTHERS AND FATHERS: A PILOT STUDY

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P2.49 MENTAL HEALTH RISK UNDER INFLAMMATORY STRESS: THE IMPACT OF HIV AND INSOMNIA, AND THE MODERATING ROLE OF CANNABIS USE IN EMERGING ADULTS

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P2.51 THE EFFECTS OF PRENATAL AND POSTNATAL MATERNAL DEPRESSIVE SYMPTOMS ON INFANT SLEEP

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P2.53 ANTERIOR PITUITARY GLAND MEDIATES THE RELATIONSHIP BETWEEN PUBERTAL TIMING AND MENTAL HEALTH SYMPTOMS

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P2.54 RACIAL DISCRIMINATION ALTERS THE OSCILLATORY DYNAMICS SUPPORTING AFFECTIVE PROCESSING IN ADOLESCENCE

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P2.55 EARLY CHILDHOOD BRAIN CONNECTIVITY RELATED TO EMOTION REGULATION

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P2.56 ESTABLISHING TIME-FREQUENCY MEASURES FOR THE HEALTHY BRAIN AND CHILD DEVELOPMENT STUDY (HBCD) EEG DATA

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P2.57 ASSOCIATIONS BETWEEN INFANT NUTRITION AND FUNCTIONAL BRAIN ACTIVITY AT 12 MONTHS

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P2.58 SOCIOECONOMIC STATUS AND INFANT BRAIN DEVELOPMENT: A CROSS-NATIONAL EEG INVESTIGATION IN THE UNITED STATES AND SOUTH AFRICA

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P2.59 CHANGE BETWEEN CHILD INTERNALIZING SYMPTOMS AND CAREGIVER-CHILD INTERBRAIN SYNCHRONY: THE MODERATING EFFECT OF SOCIODEMOGRAPHIC RISK

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P2.60 DEVELOPMENTAL PLASTICITY OF TAAR4 GLOMERULI AFTER NEONATAL FOX URINE EXPOSURE: IMAGING AND BEHAVIORAL EVIDENCE

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P2.61 REWARD PROCESSING REVEALS DISTINCT TRAUMA–ANXIETY INTERACTIONS IN YOUTH

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P2.62 ASSOCIATIONS BETWEEN MODERATE EARLY LIFE STRESS AND HIPPOCAMPAL MICROSTRUCTURE: EVIDENCE FOR SEX-SPECIFIC EFFECT IN A TYPICALLY DEVELOPING SAMPLE OF YOUNG CHILDREN

Paulina Payne, Chloe Allen, Zehua Cui, Tracy Riggins

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Meghna Vasiraju, Olivia Bell, Lucia Herrero, Eunkyung Shin, Madison Kelm, Gillian Smoody, Koraly Pérez-Edgar

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P2.64 INTAKE OF MATERNAL HUMAN MILK IS ASSOCIATED WITH EARLY NEURODEVELOPMENTAL OUTCOMES IN PREMATURE INFANTS

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P2.65 GESTATIONAL EXPOSURE TO BISPHENOL'S EFFECT ON APERIODIC ACTIVITY AND CENTER ALPHA FREQUENCY

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P2.68 NEURAL RESPONSES TO INFANT-DIRECTED MEDIA: THETA AND ALPHA POWER

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P2.71 PREFRONTAL TRANSCRANIAL PHOTOBIMODULATION IN AUTISM SPECTRUM DISORDER: COGNITIVE, BEHAVIORAL, AND NEUROPHYSIOLOGICAL EFFECTS ACROSS AGE GROUPS

Sarah Diaz, Gabriela Guimaraes, Nicole J. Moore, Hunter Dutkiewicz, Isabelle Rose, Douglas Barrett, Francisco Gonzalez-Lima

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 Ilse Fleischer, Jennifer Thomas

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 Madison Soares, Hannah Burnell, Surina Prabhu, Surabhi Bhaskar, Heidi Meyer

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P2.74 EFFECT OF LOW BEDDING LEVELS ON INFANT SOCIAL BEHAVIOR AND PERIADOLESCENT SHORT-TERM RECOGNITION MEMORY IN LONG-EVANS RATS

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 Hannah Burnell, Madison Soares, Surina Prabhu, Surabhi Bhaskar, Heidi Meyer

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🏆 Ali Mohiuddin¹, Nour al-Zaghloul¹, Sarah Mannella¹, D. Jill Shaddy², Nicole Mathis², Kelsey Davinson¹, Kandace Fleming², John A. Colombo², Kimberly Cuevas¹

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P2.79 MATERNAL DIETARY CHOLINE INFLUENCES THE EFFECTS OF PRENATAL ALCOHOL EXPOSURE ON WORKING MEMORY

🏆 Ilse Fleischer, Sam Angell, Jennifer Thomas

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P2.81 INFLUENCE OF OBJECT ORIENTABILITY AND PROXIMAL VISUAL CUES ON THIGMOTAXIS AND LOCATION MEMORY IN DEVELOPING RATS

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P2.82 EXPLORING LANGUAGE ENTROPY AND COGNITIVE DEVELOPMENT IN INFANCY

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P2.84 MATH ANXIETY AND ERROR MONITORING IN YOUNG ADULTS: BEHAVIORAL AND NEURAL CORRELATES

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Marco Rizzo, Rushna Tubassum, Floriana Milazzo, Yasemin Schmitt, Anna-Sophie Rommel
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P2.88 MEASURES OF INFANT ENDOGENOUS ATTENTION CONTROL ARE DIFFERENTIALLY RELATED AT 4-, 6-, AND 8-MONTHS OF AGE

Kayla Brown, Taylor Marcus, Julie Markant

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Sherry Zhang, Santiago Morales

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P2.92 CAREGIVER AND CHILD EMOTION REGULATION PREDICT CHILDREN'S PARASYMPATHETIC RESPONSES TO DISTRESS

Yelim Hong, Nicole Moore, Laura Quiñones-Camacho

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P2.94 ASSOCIATIONS BETWEEN PARENTAL DEPRESSION AND ANXIETY SYMPTOMS WITH INFANT EMOTION REGULATION

Alexis Hernandez, Vianca Lopez Molina, Gabriella Fetchko, Lauren Clark, Luella Soranson Way, Santiago Morales
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P2.95 LONGITUDINAL PATTERNS OF CAREGIVER-INFANT PHYSIOLOGICAL SYNCHRONY WITH 4- AND 8-MONTH OLD INFANTS

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Emma Webster, Ariya Maskara, Patricia Brennan, Hanan Trotman, Yuk Fai Cheong, Rohan Palmer
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P2.97 THE IMPACT OF PARENTAL DEPRESSION ON THE DEVELOPMENT OF EMOTION REGULATION DURING EARLY CHILDHOOD: TESTING THE MODERATING ROLE OF SALIVARY CORTISOL

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Madison Poisall¹, Stephanie Estrera¹, Callie Little¹, Sara Hart²

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P2.100 BIOLOGICAL AGING ACROSS PREGNANCY AND POSTPARTUM: IMPACT OF SUBSEQUENT PREGNANCY ON AGING TRAJECTORIES

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P2.101 Atypical ERP responses to dynamically changing facial expressions correlate with behavioral risk in toddlers born preterm

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LB.1 INFANT SLEEP HEALTH PROFILE PREDICTS AGE-RELATED CHANGES IN SENSITIVE PERIOD DYNAMICS

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LB.2 FATHERS' ATTACHMENT IS ASSOCIATED WITH INFANT TEMPERAMENT, BUT NOT FATHERS' TESTOSTERONE LEVELS

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LB.4 THE MODERATING ROLE OF INHIBITORY CONTROL ON REWARD PROCESSING IN EARLY CHILDHOOD IRRITABILITY

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LB.5 CHARACTERIZING THE TRANSITION FROM FETAL TO NEONATAL AUTONOMIC-REGULATED SLEEP IN A HIGH-RISK SAMPLE

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LB.6 SOCIAL CONTEXT GATES DEFENSIVE STATE RHYTHMS ACROSS AMYGDALA, CINGULATE, AND INSULA CIRCUITS IN FEMALE RATS

Andrew Gibson, Ian Zane, Scott Kooiman, Andrea Chiba, Lara Rangel
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LB.7 DOSE-DEPENDENT EFFECTS OF PRENATAL CBD EXPOSURE ON MOTOR DEVELOPMENT

Andrea Corral, Maya Rusnak, Sam Angell, Ilse Fleischer, Jennifer Thomas
San Diego State University, San Diego, USA

LB.8 ASSOCIATIONS BETWEEN PRENATAL STRESS, MATERNAL INFLAMMATION, AND NEONATAL FRONTOLIMBIC BRAIN DEVELOPMENT (WHITE MATTER MICROSTRUCTURE AND NEUROINFLAMMATION)

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LB.10 INFLUENCE OF EARLY ENVIRONMENTAL EXPOSURES ON BRAIN STRUCTURAL AND FUNCTIONAL DEVELOPMENT

ARDAMAN KAUR, Dick Sadler, Yuehua Cui, Haohao Su, Nicholas Panchy, Xiaoyu Liang, Rebecca Knickmeyer
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LB.11 PRENATAL DEPRESSION INTERVENTION ALTERS INFANT HIPPOCAMPAL DEVELOPMENT: PATHWAYS TO PSYCHIATRIC RISK

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LB.12 PATERNAL BRAIN ACTIVATION TO ROMANTIC PARTNER VERSUS OWN INFANT STIMULI AND ASSOCIATIONS WITH RELATIONSHIP QUALITY

Elizabeth Kim, Philip Newsome, Yael Waizman, Darby Saxbe

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Jay Wenner, Gabriel León, Darby Saxbe

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LB.14 EXAMINING THE INTERPLAY OF REGULATION IN THE PARENTING CONTEXT, ADVERSE CHILDHOOD EXPERIENCES, AND PARENT-CHILD RELATIONSHIP QUALITY

Anna Bankston¹, Cynthia Petersons¹, Elizabeth Ruffino², Hilary Skov¹, Sarah Gray¹

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LB.15 RESTING STATE EEG IN INFANCY: LINKS BETWEEN ALPHA/THETA POWER AND SUSTAINED ATTENTION

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LB.17 POPULATION-BASED RECRUITMENT OF AUTISM SPECTRUM DISORDER RISK GROUPS IN THE NEWBORN PERIOD

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Ben-Gurion University, Beer-Sheva, Israel

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Clarissa Filetti, Teagan Green, Megan Gunnar

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