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Visit our website to view symposium and poster abstracts in their entirety at:
mindinstitute/gatlinburg/program-schedule.html
Family Impacts of IDD: Gene X Environment Interactions
Wednesday, April 11th • 8:30–9:30 a.m. • Bayview Ballroom

A large body of research has revealed the influence of the family on the development and functioning of individuals with IDD, and the reciprocal influence of the individual with IDD on family functioning. A major focus has been on family stress and coping. Our family research has extended this focus to include biomarkers as both antecedents to and consequences of parenting stress. A prime example is fragile X syndrome, which is a single gene disorder caused by an expansion of the number of CGG repeats in the \textit{FMR1} gene. It is an inherited condition passed from premutation carrier mothers to their children with FXS. We have shown that variation in \textit{FMRI} CGG repeats is associated with differential vulnerability to parenting stress -- a gene X environment interaction. We have further shown that these interaction effects are evident not only in parents who have abnormally high numbers of CGG repeats but also in those with unusually low numbers of repeats. This line of research illustrates how investigations that begin with a focus on a rare genetic condition (such as FXS) can ultimately lead to insights about the general population and contributes to our understanding of how genetic differences between people shape the way they respond to their environments.

Wednesday, April 11th • 4:30–5:30 p.m. • Bayview Ballroom

Racial/ethnic disparities in children's health and healthcare are extensive, pervasive, persistent, and occur across the spectrum of health and healthcare. Children with intellectual and developmental disabilities (IDDs) can suffer from particularly egregious disparities. For example, among those with Down syndrome, African-Americans die at a substantially younger median age than whites. African-American children receive a diagnosis of autism 1.4 years later than whites, and are in mental-health treatment an average of 13 months longer than whites before receiving their autism diagnosis. In this session, attendees will learn about key racial/ethnic disparities in children with IDDs, programs that have been successful in eliminating disparities, and practical steps to take to achieve equity for children with IDDs.
Invited Speakers

Damien Fair, PA-C, Ph.D.
David Geffen School of Medicine at UCLA

Using Graph Theory to Inform Heterogeneity in Typical and Atypical Development
Thursday, April 12th • 8:00–9:00 a.m. • Bayview Ballroom

Research and clinical investigations in psychiatry largely rely on several assumptions that the diagnostic categories identified in the DSM represent homogeneous syndromes. However, the mechanistic heterogeneity that potentially underlies the existing classification scheme might limit our ability to clarify etiology for several developmental psychiatric illnesses. Another, perhaps less palpable, reality may also be interfering with progress – heterogeneity in typically developing populations. In our current work, we expand on previous brain imaging methods and use graph theory, specifically community detection, to clarifying behavioral and functional heterogeneity in children with ADHD and Autism. Our approach also seeks to determine whether data driven sub-profiles can be discerned in children with and without the disorder. Because individual classification is the sine qua non for eventual clinical translation, we also apply machine learning tools and multivariate pattern analyses to identify how well clinical status in individual children can be identified as defined by the delineated subtypes. The findings have yielded several unique subtypes across all populations. Several important principles are being more refined with our new methodology that we believe has the potential to advance our understanding of typical development and developmental neuropsychiatric disorders. The first tenet suggests that typically developing children can be classified into distinct subgroups with high precision. The second tenet proposes that some of the heterogeneity in individuals with mental health issues might be “nested” in this normal variation.

Susan M. Rivera, Ph.D.
University of California, Davis

Neuroimaging and Eye Tracking Biomarkers for Understanding Symptom Trajectories in Developmental Disorders
Friday, April 13th • 11:30–12:30 p.m. • Bayview Ballroom

Neuroimaging techniques and psychophysical methods (such as those that can be gained by tracking eye movements) have given us new insights into biomarkers for symptom severity and disease progression in developmental disability. I will present examples of how these methods have helped us gain a deeper understanding of these processes in both the fragile X spectrum of disorders, and in ASD. The presentation will focus on the most pressing concerns for families and how these research findings can help inform treatment and lifestyle decisions.
TUESDAY
APRIL 10, 2018

■ 4:00 p.m. – Pre-Conference Check-in / Registration
Bayview Ballroom Foyer

■ 4:30–6:30 p.m.
PRE-CONFERENCE MENTORING SESSION: PREPARING FOR A POST-DOC AND
FIRST FACULTY POSITION
Bayview Ballroom
Panelists: Lauren Bishop-Fitzpatrick, Jan Blacher, Anna Esbensen, Cristan Farmer, Angela John Thurman, Sandra Magaña, Jane Roberts, Rodney Samaco

WEDNESDAY
APRIL 11, 2018

■ 7:30 a.m. – Check-in / Registration
Bayview Ballroom Foyer

■ 8:00–8:30 a.m.
OPENING REMARKS
Bayview Ballroom
Leonard Abbeduto, Ph.D., Conference Chair
University of California, Davis, MIND Institute
Connie Kasari, Ph.D., Conference Co-Chair
University of California, Los Angeles

■ 8:30–9:30 a.m.
PLENARY SESSION 1
Bayview Ballroom
Family Impacts of IDD: Gene X Environment
Interactions
Presenter: Marsha Mailick, Ph.D.
University of Wisconsin-Madison

■ 9:30–10:00 a.m. — BREAK (Bayview Terrace)

■ 10:00–11:00 a.m.
SYMPOSIUM 1
Bayview 1
The Impact of ASD on the Family:
Understanding Heterogeneity in
Parenting Style and Stress in the
Context of Parent-Child Interaction
Chair: Amanda C. Gulsrud
University of California, Los Angeles
Discussant: Lauren Brookman-Frazee
University of California, San Diego

Children’s Compliance with Parental Requests in a
Sample of Toddlers with ASD
Amanda Dimachkie, Amanda Gulsrud, Connie Kasari

Automated Clustering: Understanding Parental
Characteristics and their Association with Improved
Play Outcomes for an At-Risk Infant Population
Justin Williams, Amanda Gulsrud, Connie Kasari

Preschoolers with ASD: Challenging Behavior and
Impact on the Family over Time
Christina Kang Toolan, Alison Holbrook,
Stephanie Shire, Rebecca Landa, Tristram Smith,
Connie Kasari

Conference Wi-Fi is available only in public spaces and will
not be available in the Bayview Ballrooms.

During breaks, please enjoy refreshments on the Bayview Terrace!
10:00–11:00 a.m.

SYMPOSIUM 2
Bayview II
Investigating and Integrating Biomarkers and Behavior in Rett Syndrome
Chair: Frank Symons
University of Minnesota
Discussant: Jeffrey Neul
Vanderbilt University

Therapeutic Potential of Mglu7 Modulation in Rett Syndrome and Related Neurodevelopmental Disorders
Rocco Gogliotti, Nicole Fisher, Branden Stansley, Sheryl Vermudez, Rebecca Senter, Jeffrey Adams, Rocio Zamorano, Adam Walker, Anna Blobaum, Darren Engers, Corey Hopkins, J. Scott Daniels, Zixiu Xiang, Carrie Jones, Craig Lindsley, P. Jeffrey Conn, Colleen Niswender

Quantifying Data Quality in Eye-tracking Research with Rett Syndrome
Breanne Byiers, Kirsten Dalrymple, Jed Elison

Non-Word Memory in Rett Syndrome and Rett-Related Disorders
Sarika Peters, Dorita Jones, Alexandra Key

Epidermal and Vascular Innervation in Rett Syndrome
Frank Symons, Chantel Barney, Breanne Byiers, Brian McAdams, Shawn Foster, Timothy Feyma, Gwen Wendelschafer-Crabb, William Kennedy

Testing Two Observational System Approaches to Measure Behavioral Reactivity during Modified Quantitative Sensory Testing in Rett Syndrome
Alyssa Merbler, Breanne Byiers, Chantel Barney, Frank Symons

Telehealth-Supported Assessment and Intervention to Improve Communication Outcomes in Rett Syndrome
Jennifer McComas, Brittany Pennington, Nigar Noor Shawnie Girtler, Jessica Simacek, Adele Dimian

11:15–12:15 p.m.

SYMPOSIUM 4
Bayview I
Diverse Parent Perspectives on the Diagnosis and Treatment of Children with ASD
Chair: Sandra B. Vanegas
University of Texas at Austin
Discussant: Katherine Zuckerman
Oregon Health and Science University

The Influence of Culture on The Decision-Making Process of Disclosing a Child's Autism Diagnosis to Family and Friends: A Qualitative Study of Parents' Experiences
Andrea Chu, Monica Gordillo, Kristin Long
Borderlands of Culture and Disability: The Experiences of Bilingual, Bicultural Latino Parents of Children with Autism Spectrum Disorder in Los Angeles County
Amber Angell, Lucía Floríndez, Daniella Floríndez

Barriers and Needs of Parents Caring for Children with ASD in Rural Areas
Yue Xu, Sandra Vanegas, Sandy Magona, Tamar Heller

11:15–12:15 p.m.

SYMPOSIUM 5
Bayview II
A Multilevel Approach to Measure the Impact of Theatre to Enhance Social Competence in Children with Autism Spectrum Disorder
Chair: Blythe A. Corbett
Vanderbilt University
Discussant: Beth Malow
Vanderbilt University

Theatre and Peers to Enhance Real World Social Competence in Children with Autism
Blythe Corbett, Sara Ioannou, Ian Muse, Rachael Muscatello, Catherine Coke

Biomarkers of Treatment Outcomes: ERPs as the Measure of Improvements in Social Cognition
Alexandra Key, Dorita Jones, Blythe Corbett

Effects of a Theatre-Based Intervention on Parasympathetic Arousal during Social Interaction in Children with Autism Spectrum Disorder (ASD)
Rachael Muscatello, Blythe Corbett

11:15–12:15 p.m.

SYMPOSIUM 6
Bayview III
Stress, Risk and Resiliency for Women with a FMR1 Premutation
Chair: Anne C. Wheeler
RTI International

Chair: Jessica Klusek
University of South Carolina
Discussant: Marsha Mailick
University of Wisconsin-Madison

Autonomic Dysfunction in Mothers with the FMR1 Premutation: Depression, Anxiety, and Genetic Correlates
Jessica Kluse, Giuseppe LaFauci, Tatyana Adayev, W. Ted Brown, Flora Tassone, Jane Roberts

12:15–1:45 p.m. — LUNCH

1:45–2:45 p.m.

SYMPOSIUM 7
Bayview I
The Impact of Age and Comorbidities on Social Skills Outcomes across the Lifespan in Autism Spectrum Disorder
Chair: Elizabeth Laugeson, Psy.D.
University of California, Los Angeles
Discussant: Jan Blacher, Ph.D.
University of California, Riverside

Connecting Depression and Levels of Loneliness among Young Adults with Autism Spectrum Disorder
Ana Mendoza, Morgan Jolliffe, Nicole Rosen, Elizabeth Laugeson

Comparing Changes in Level of Social Anxiety in Teens and Young Adults with ASD following the PEERS® Social Skills Intervention
Niki Bahri, Yong Seuk S. Lograsso, Nicole Rosen, Morgan Jolliffe, Elizabeth Laugeson

Examining Treatment Gains over the Lifespan in Individuals with ASD Following the UCLA PEERS® Intervention
Morgan Jolliffe, Ruth Ellingsen, Nicole Rosen, Elizabeth Laugeson

The Influence of ADHD, Depression & Anxiety in Predicting Social Skills Outcomes among Adolescents with ASD following PEERS®
Nicole Rosen, Angela Dahiya, Ruth Ellingsen, Leilani Forby, Elina Veytsman, Elizabeth Laugeson
1:45–2:45 p.m.

**SYMPOSIUM 8**

**Bayview II**

A Tribute to Stephen R. Schroeder: Risk Factors Associated with Self-injurious Behavior
Chair: Jennifer Zarcone
Kennedy Krieger Institute
Chair: Maria Valdovinos
Drake University
Discussant: William MacLean
University of Wisconsin-Madison

Adele Dimian, Frank Symons

Classification of Injuries Observed in Functional Classes of Self-Injurious Behavior
Griffin Rooker, Nicole Hausman, Alyssa Fisher
Meagan Gregory, Jennifer Lawell, Louis Hagopian

Assessing Signs of Pain and Stress in Children with Self-Injurious Behavior
Andrea Courtmanache, Jerrold Meyer, William Black

The Lima, Peru Studies on Risk Factors and Markers for Severe Behavior Disorders in Very Young Children with Neurodevelopmental Disorders
David Richman

Heart Activity Associations with ADHD Symptomatology in Preschoolers with Fragile X
Shannon O’Connor, Elizabeth Will, Abigail Hogan
Jane Roberts

Acoustic Properties of Early Vocalizations in Infants with Fragile X Syndrome
Lisa Rague, Amanda Seidl, Bridgette Tonnsen

Maternal Psychological Profiles and Child Language Outcomes in a Parent-Implemented Spoken Language Intervention for Fragile X Syndrome
Sarah Nelson, Lauren Bullard, Andrea McDuffie, Leonard Abbeduto

Risk and Resilience in Mothers with Fragile X Syndrome: An Exploratory Study
Heather Fielding, Steven Warren

3:00–4:00 p.m.

**SYMPOSIUM 10**

**Bayview I**

Optimizing Parent and Child Outcomes among Families of Children with Developmental Delay: The Role of Mindfulness-Oriented Interventions
Chair: Cameron L. Neece
Loma Linda University
Discussant: V. Mark Durand
University of South Florida St. Petersburg

Parenting Stress and Emotion Dysregulation among Children with Developmental Delays: The Mediating Role of Parenting Behaviors
Neilson Chan, Cameron Neece

Examining Changes in and Trajectories of Parenting among Parents of Children with Developmental Delay: The Role of Mindfulness-Based Stress Reduction
Meredith Dennis, Cameron Neece

Effects of a Brief Mindfulness-Infused Behavioral Parent Training for Mothers of Children with Autism Spectrum Disorder
Tracy Raulston, Wendy Machalicek, Laura Lee McIntyre
The recorded history of the San Diego, California, region began in the present State of California when San Diego Bay was first discovered by Europeans. Explorer Juan Rodriguez Cabrillo discovered San Diego Bay in 1542, but it was 200 years before Europeans settled the area. San Diego has been described as "the birthplace of California."

San Diego Bay is one of the world’s finest natural deep-water harbors and is sheltered by two overlapping peninsulas. The bay is the focus of international shipping and one of the country’s most extensive complexes of military bases.
**POSTER RECEPTION 1 (Poster Numbers 1-48)**

*Regatta Pavilion*

*This is a mandatory session for all travel award recipients.*

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Casa Colina Hospitals and Centers for Healthcare | Be a Lifesaver: The Effectiveness of Skilled Intervention on Reducing Drowning Risk for Children with Mild to Severe ASD |
| 2        | Eric Rubenstein  
University of Wisconsin-Madison | Advanced Maternal Age is not Independently Associated with Age at First Evaluation that Notes Autism Traits among Children with ASD |
| 3        | Anna Esbensen  
Cincinnati Children’s Hospital Medical Center | Reliability of Parent Report Measures of Executive Functioning in Children with Down Syndrome |
| 4        | Alison Hessling  
Vanderbilt University | Narrative Retell Skills of School-Age Children with Down Syndrome |
| 5        | Marinie Joseph  
University of Louisville | Cognitive Profile of 5 – 8 Year-Olds with Williams Syndrome as Measured By the Differential Ability Scales – II Early Years |
| 6        | C. Holley Pitts  
University of Louisville | Cross-Cultural Comparison of Behavioral Profiles of Children with Williams Syndrome: Brazil and the United States |
| 7        | Kristina Rios  
University of Illinois Urbana-Champaign | Examining Differences in Empowerment, Special Education Knowledge, and Family-School Partnerships among Latino and White Families of Children with Autism Spectrum Disorder (ASD) |
| 8        | Caroline Greiner de Magalhães  
University of Louisville | Lexical and Grammatical Abilities of 3- and 4-year Old Children with Down Syndrome or Williams Syndrome |
| 9        | Kiana Krolik  
University of California, Los Angeles | Parent Mediated Intervention with ASD Toddlers: Pre-Study Parent Strategies Predict Maintenance of Intervention |
| 10       | Emily Lorang  
University of Wisconsin-Madison | The Relationship between Maternal and Paternal Molar Responsivity and Child Behavior in Children with DS |
| 11       | Marie Moore Channell  
University of Illinois at Urbana-Champaign | Characteristics Associated with Autism Spectrum Disorder Risk in Individuals with Down Syndrome |
| 12       | Eulisia Er Si Yi  
National Institute of Education-Nanyang Technological University (NTU-NIE) Singapore | Parental Involvement and Students’ Outcomes: A Study in a Special Education (SPED) School in Singapore |
| 13       | Frederick Palmer  
University of Tennessee Health Science Center | Socio-Demographic, Maternal and Child Indicators of Reported Child Socioemotional Problems in 2-Year-Old Children |
| 14       | Clare Harrop  
University of North Carolina at Chapel Hill | That’s What I Like: The Use of Circumscribed Interests within Interventions for Individuals with Autism Spectrum Disorder. A Systematic Review |
| 15       | Erica Fornaris  
Emory University | Comparing ASD Symptomatology in Bilingually and Monolingually Exposed Toddlers |
| 16       | Lauren Tidman  
Texas Christian University | The Concordance of Parent and Child Report of Anxiety Symptoms in Children with Autism Spectrum Disorder versus Typically Developing Children |
| 17       | Kylie Leeper  
Texas Christian University | Interparental Conflict and Depressive Symptoms among Typically Developing Children and Children with Autism Spectrum Disorder |
**WEDNESDAY**

**APRIL 11, 2018**

- 6:00–7:30 p.m.  
  **POSTER RECEPTION 1** (Poster Numbers 1-48)  
  **Regatta Pavilion**

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**WEDNESDAY**

**APRIL 11, 2018**

- **6:00–7:30 p.m.**

**POSTER RECEPTION 1 (Poster Numbers 1-48)**

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THURSDAY
APRIL 12, 2018

7:30 a.m. – Check-in / Registration  
Bayview Ballroom Foyer

8:00–9:00 a.m.  
PLENARY SESSION 3  
Bayview Ballroom  
Using Graph Theory to Inform Heterogeneity in Typical and Atypical Development  
Presenter: Damien Fair, PA-C, Ph.D.  
David Geffen School of Medicine at UCLA

9:00–9:30 a.m. — BREAK (Bayview Terrace)

9:30–10:30 a.m.  
SYMPOSIUM 13  
Bayview I  
Vocal Development in Children with Autism Spectrum Disorder and Children with Fragile X Syndrome  
Chair: Jena McDaniel  
Vanderbilt University  
Discussant: Tiffany Woynaroski  
Vanderbilt University

Differentiating Vocalizations in Autism Spectrum Disorder and Fragile X Syndrome at 9-12 months  
Katie Belardi, Linda Watson, Kimbrough Oller, Betsy Crais, Grace Baranek

Investigating the Dyadic Nature of Vocalizations in Children with Autism Spectrum Disorder: A Comparison of Two Automated Vocal Reciprocity Measures  
Jena McDaniel, Joshua Wade, Annette Estes, Sally Rogers, Paul Yoder

Early Intervention Increases Types of Communication Acts in Toddlers at High Familial Risk for Autism Spectrum Disorder  
Sarah R. Edmunds, Catherine Dick, Paul Yoder, Wendy Stone

SYMPOSIUM 14  
Bayview II  
Innovative Psychological Interventions for Mental Health in People with Intellectual Disability or Autism: Moving Beyond Anxiety  
Chair: Jonathan A. Weiss  
York University  
Discussant: Richard Hastings  
University of Warwick

Cognitive Behavior Therapy to Improve Emotion Regulation and Reduce Psychopathology in Children with Autism Spectrum Disorder  
Jonathan Weiss, Kendra Thomson, Priscilla Burnham Riosa, Carly Albaum, Victoria Chan, Andrea Maughan, Paula Tablon, Karen Black

Targeting Improved Emotion Regulation as a Transdiagnostic Treatment Approach to Psychiatric and Behavioral Concerns in Adolescents with Autism Spectrum Disorder  
Caitlin Conner, Kelly Beck, Susan White, Carla Mazefsky

Comparing a Behavioural Activation Treatment for Depression in Adults with Intellectual Disabilities with Guided Self-Help: A Randomised Controlled Trial  
Andrew Jahoda, Craig Meville, Richard Hastings, Sally-Ann Cooper, Dave Dagnan, BeatIt Research Team

SYMPOSIUM 15  
Bayview III  
Insights from Infants: Charting Early Brain and Behavior across Neurodevelopmental Disorders  
Chair: Jason Wolff  
University of Minnesota  
Discussant: Carissa Cascio  
Vanderbilt University

Development of Structural Connectivity Linked to Symptom Severity in Infants with ASD  
Jason Wolff, Meghan Swanson, Yadira Peralta Martin Styner, Kelly Botteron, Stephen Dager  
Jed Elison, Annette Estes, Heather Hazlett  
Robert Schultz, Joseph Piven, IBIS Network
Development of White Matter Circuitry is Diminished in Infants with Fragile X Syndrome
Meghan Swanson, Jason Wolff, Mark Shen, Martin Styner, Annette Estes, Guido Gerig, Kelly Botteron, Joseph Piven, Heather Hazlett, IBIS Network

White Matter Deficits in Children with Angelman Syndrome
Mark Shen, Heather Hazlett, Meghan Swanson Sun Hyung Kim, Martin Styner, Leigh Anne Weisenfeld Heidi McNeilly, Rachel Smith, Michael Graves Chad Chappell, Joseph Piven

Circuit Level Brain Activity Changes in Infants at High Risk for ASD
Abigail Dickinson, Andrew Marin, Yin-Ying Lin, Aaron Scheffler, Damla Senturk, Shafali Jeste

SYMPOSIUM 16
Bayview I
Adolescents with Autism in Secondary School Programs
Chair: Samuel L. Odom
University of North Carolina at Chapel Hill
Discussant: Julie L. Taylor
Vanderbilt University

Social and Vocational Activities of High School Students with ASD
Leann Smith DaWalt, Bonnie Kraemer, Samuel Odom, Jessica Dykstra Steinbrenner, Kara Hume

Examining Phenotypic Profiles of Adolescents with Autism in High School Programs
Brianne Tomaszewski, Samuel Odom, John Sideris Leann Smith DaWalt, Bonnie Kraemer, Laura Hall, Kara Hume

Impact of a School-based Comprehensive Treatment Model for Adolescents with ASD on Program Quality in High Schools
Samuel Odom, Kara Hume, Leann Smith DaWalt Laura Hall, Bonnie Kraemer

10:45–11:45 a.m.

SYMPOSIUM 17
Bayview II
Early Phenotypic Profiles in Neurogenetic Syndromes
Chair: Deborah J. Fidler
Colorado State University
Discussant: Nancy R. Lee
Drexel University

Cognition and Neuropsychological Function in Infants with Down Syndrome
Deborah Fidler, Emily Schworer, Elizabeth Will, Lina Patel, Lisa Daunhauer

Goal-directed and Social Temperament Profiles in Infants with Down Syndrome
Emily Schworer, Deborah Fidler, Lisa Daunhauer

Object Exploration in Infants with Fragile X: Contrasts to High-Risk for Autism and Typical Development
Elizabeth Will, Jane Roberts

Negative Affect and Physiological Startle Response in Children with Fragile X Syndrome
Jordan Ezell, Elizabeth Will, Alexis Brewe, Sam McQuillin, Jane Roberts

SYMPOSIUM 18
Bayview III
Toward Equity in Identification and Service Delivery for Latino Families and Children with ASD
Chair: Jan Blacher
University of California, Riverside

Anglo-Latino Differences in Autism Screening: Service Inequity or a Diagnostic Conundrum?
Jan Blacher, Yasamine Bolourian, Katherine Stavropoulos

Parents Taking Action California: Addressing Disparities in Services and Improving Outcomes for Latino Children with ASD
Kristina Lopez, Sandy Magaña, Wendy Machalicek Miguel Morales
Parents Taking Action in Colombia
Sandy Magaña, Marie Tejero Hughes, Kristen Salkas
Marisol Moreno

Cultural Adaptation and Implementation of a Transition Program for Latino Families of Youth with ASD
Jocelyn Kuhn, Sandra Vanegas, Rod Salgado, Stephanie Borjas, Sandy Magaña, Leann Smith Dawalt

Cognitive-Behavioral Executive Function (EF) Intervention, Unstuck and on Target, Improves Social-Communication, as well as EF Abilities
Lauren Kenworthy, Alyssa Verbalis, Sydney Seese, Caroline Luong-Tran, Megan Wills, John Strang, Allison Ratto, Cara Pugliese, Kristina Hardy, Katerina Dudley, Anna Armour, Gregory Wallace, Laura Anthony

■ 12:00–1:30 p.m. — LUNCH

■ 1:30–2:30 p.m.

SYMPOSIUM 19
Bayview I
Executive Correlates of Communication Skills in Youth with Three Neurodevelopmental Disorders: Implications for Identifying Diagnostically-Tailored Treatment Targets
Chair: Nancy Raitano Lee
Drexel University
Chair: Gregory L. Wallace
The George Washington University
Discussant: Deborah Fidler
Colorado State University

Executive Correlates of Structural and Pragmatic Language in Youth with DS: Evidence from Informant and Performance-Based Measures
Nancy Raitano Lee, Mary Godfrey, Taralee Hamner, Megan Perez, Alexandra Carolin, Elizabeth Adeyemi, Liv Clasen, Jay Giedd

Parent Ratings of Behavioral Regulation and Metacognition and Their Relation to Structural and Pragmatic Language in Youth with Sex Chromosome Trisomies (47, XXX and 47, XXX)
Manisha Udihnani, Moshe Maiman, Jonathan Blumenthal, Liv Clasen, Jay Giedd, Armin Raznahan, Nancy Raitano Lee

SYMPOSIUM 20
Bayview II
IDD in the Family: Insights from Observed Parent-Youth Interactions
Chair: Bruce Baker
University of California, Los Angeles
Discussant: Laura Lee McIntyre
University of Oregon

Optimism, Parent Feelings, and Parenting Behavior over Time for Children with Developmental Delay
Eva Kurtz-Nelson, Laura Lee McIntyre

Responsive Parenting of Young Children with ASD: Predictors and Associations with Longitudinal Social Development
Barbara Caplan, Jan Blacher, Abbey Eisenhower

Willa Marquis, Bruce Baker

SYMPOSIUM 21
Bayview III
Risk and Resilience in Infant Siblings of Children with Autism Spectrum Disorder
Chair: Abigail Hogan
University of South Carolina
Chair: Bridgette L. Tonnsen
Purdue University
Discussant: Leslie Carver
University of California, San Diego
Behavioral and Physiological Social Anxiety Risk Factors across the First Two Years of Life in Siblings of Children with Autism Spectrum Disorder  
Abigail Hogan, Nicolas Poupore, Jane Roberts  
Outcomes Associated with Behavioral and Heart-Defined Sustained Attention in Infants at Risk for Autism  
Bridgette Tonnsen, John Richards, Jane Roberts  
A Longitudinal Examination of Onset Patterns and Developmental Trajectories among Infant Siblings with Autism Spectrum Disorder  
Chandni Parikh, Ana-Maria Iosif, Sally Ozonoff

2:45–3:45 p.m.

SYMPOSIUM 22  
Bayview I  
Identifying and Targeting Individual, Family, and Environmental Variables to Improve the Transition from School to Post-School Outcomes among Individuals with IDD  
Chair: Marisa H. Fisher  
Michigan State University  
Discussant: Paul Shattuck  
Drexel University  
COMPASS for Improving IEP Outcomes of Students with ASD  
Lisa Ruble, John McGrew  
Employer and Peers’ Experience, Comfort Level, and Attitudes toward Employees with IDD  
Marisa Fisher, Connie Sung, Lindsay Athamanah  
Sex Differences in Employment and Supports among Adults on the Autism Spectrum  
Julie Lounds Taylor, Leann Smith DaWalt, Alison Marvin, J. Kiely Law, Paul Lipkin  
Comparing Support Needs of Parents of Adults with Down Syndrome (DS), Autism Spectrum Disorder (ASD), and Cerebral Palsy (CP)  
Chung eun Lee, Meghan Burke, Catherine Arnold, Aleksa Owen

SYMPOSIUM 23  
Bayview II  
Benefits and Challenges of Biomarker Research: Lessons Learned from Studies of Peripheral and Neural Indicators in IDD  
Chair: Jane E. Roberts  
University of South Carolina  
Chair: Shafali Jeste  
University of California, Los Angeles  
Chair: Heather Cody Hazlett  
University of North Carolina at Chapel Hill  
Discussant: Susan Rivera  
University of California, Davis  
Heart Rate Variability in Fragile X Syndrome and its Relationship to Anxiety  
Jane Roberts, Abigail Hogan, Elizabeth Will, Bridgette Tonnsen, Jessica Klusek  
Electroencephalographic Markers of Atypical Development in Infants with Tuberous Sclerosis Complex  
Kandice Varcin, Abigail Dickinson, Charles Nelson, Shafali Jeste  
Early Brain Development in Infants at High Risk for Autism  
Heather Hazlett, Mark Shen, John Pruett, Jr., Joseph Piven for the IBIS Network

2:45–3:45 p.m.

SYMPOSIUM 24  
Bayview III  
Detecting and Understanding Disparities among Children with Autism and Other Developmental Disabilities  
Chair: Sandy Magaña  
University of Illinois at Chicago  
Discussant: Professor Bishop-Fitzpatrick  
University of Madison-Wisconsin
Healthcare Providers’ Responsiveness to Parental Concerns and Ethnic Disparities in Specialty Care Service Receipt among Children with Developmental Disabilities
Susan Parish, Sandra Magaña, Ester Son, Frances Martínez Pedraza

Disparities in Early Intervention Receipt and Associations with Parent-Provider Relational Factors
Frances Martínez Pedraza

Navigating the Health Care System in Community: Perspective from Asian Immigrant Parents of Children with Special Health Care Needs
Esther Son, Nechama Sammet Moring, Leah Igdalsky, Susan Parish

3:45–4:15 p.m. — BREAK (Bayview Terrace)

4:15–5:15 p.m.

NIH Updates
Bayview Ballroom
Presenter: Alice Kau, Ph.D.
National Institute of Child Health and Human Development

2018 Exhibitor
A special “Thank You” to Brookes Publishing for their many years of supporting the Gatlinburg Conferences.
**THURSDAY**  
**APRIL 12, 2018**

- **5:30–7:00 p.m.**

**POSTER RECEPTION 2** (Poster Numbers 49-96)  
Regatta Pavilion

*This is a mandatory session for all travel award recipients.*

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| 50      | Hedda Meadan  
University of Illinois at Urbana-Champaign | Generalization and Maintenance of a Telepractice Caregiver-Implemented Intervention: Four Years Later |
| 51      | Wei Siong Neo  
Purdue University | Characterizing Problem Behaviors in Neurogenetic Syndromes during Toddlerhood |
| 52      | Yue Yu  
Indiana University-Purdue University Indianapolis | Factors Associated with Martial Adjustment in Caregivers of Individuals with ASD in Transition to Adulthood |
| 53      | Elizabeth Llanes  
University of California, Riverside | Parent and Teacher Reports of Internalizing and Externalizing Behavior Problems in Children with ASD: The impact of Child, Parent, and Teacher Characteristics |
| 54      | Lauren Bishop-Fitzpatrick  
University of Wisconsin-Madison | Using Machine Learning to Identify Patterns of Lifetime Health Problems in Decedents with Autism Spectrum Disorder |
| 55      | Jinkuk Hong  
University of Wisconsin-Madison | Health, Mental Health, and Cognitive Profiles of Mosaic versus Non-Mosaic FMR1 Premutation Carriers |
| 56      | Haleigh Scott  
University of Wisconsin-Madison | Comparisons of Self and Proxy Report on Health-Related Factors in People with Intellectual Disability |
| 57      | James Houseworth  
Institute on Community Integration, University of Minnesota | State and Individual Differences and Choice-Making among Individuals with IDD: Familial Contexts Matter |
| 58      | Victoria Chan  
York University | Sources of Social Support for Parents of Children with Developmental Disabilities: Relations to Child and Parent Factors |
| 59      | Olena Zyga  
Case Western Reserve University | Preliminary Effectiveness of a Remote Parent-Training Intervention Program for Preschoolers with PWS |
| 60      | Emily Quinn  
Vanderbilt University | Using Aided Augmentative and Alternative Communication (AAC) Modeling during Small Group Instruction for Young Children with Down Syndrome |
| 61      | Marina E. Murphy  
University of California, Riverside | Longitudinal Social Skill Development in Children with and without Intellectual Disability |
| 62      | Kayla Smith  
University of South Carolina | Social and Object Attention as Markers of Anxiety in Toddlers with Neurodevelopmental Disorders |
| 63      | Iulia Mihaila  
University of Wisconsin-Madison | Leisure Activity and Alzheimer’s Disease-Related Changes in Episodic Memory in Adults with Down Syndrome |
| 64      | Jenna Reardanz  
University of Alabama | Fluid and Crystallized Ability in Adolescents with Down Syndrome: Change Over Time |
**THURSDAY**

**APRIL 12, 2018**

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**APRIL 12, 2018**

- **5:30–7:00 p.m.**
  - **POSTER RECEPTION 2** (Poster Numbers 49-96)
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FRIDAY
APRIL 13, 2018

7:30 a.m. – Check-in / Registration
Bayview Ballroom Foyer

8:00–9:30 a.m.
POSTER BREAKFAST (Poster Numbers 97-144)
Regatta Pavilion

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**FRIDAY**

**APRIL 13, 2018**

**POSTER BREAKFAST** (Poster Numbers 97-144)
Regatta Pavilion

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<td>126</td>
<td>Rebecca Shaffer</td>
<td>Cincinnati Children’s Hospital Medical Center Gaze Directed to Eyes on Emotional Faces Predicts Durability of Drug Treatment</td>
</tr>
<tr>
<td>127</td>
<td>Kelly Caravella</td>
<td>University of South Carolina Autism Symptomatology and Prevalence in Preschool Age Children with Fragile X Syndrome</td>
</tr>
<tr>
<td>128</td>
<td>Melissa Raspa</td>
<td>RTI International The Use of Electronic Health Records in Intellectual and Developmental Disabilities Research: Parents’ Perceptions of Risks and Benefits</td>
</tr>
</tbody>
</table>
**POSTER BREAKFAST** *(Poster Numbers 97-144)*

Regatta Pavilion

*This is a mandatory session for all travel award recipients.*

<table>
<thead>
<tr>
<th>Poster #</th>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>129</td>
<td>Cynde Josol, Michigan State University</td>
<td>Identifying Currently Existing Self-Report Bullying Questionnaires to Inform the Development of a Bullying Assessment for Adolescents with Autism Spectrum Disorder</td>
</tr>
<tr>
<td>130</td>
<td>Caitlyn Boni, University of Illinois at Urbana-Champaign</td>
<td>Measuring Social Competence in School-Age Children with Down Syndrome</td>
</tr>
<tr>
<td>131</td>
<td>Sara Matherly, University of South Carolina</td>
<td>Effects of Social Anxiety and Autism Severity on Pragmatic Language in Young Adult Males with Fragile X Syndrome</td>
</tr>
<tr>
<td>132</td>
<td>Anne Hoffmann, Rush University Medical Center</td>
<td>Early Communicative Functions in Fragile X Syndrome</td>
</tr>
<tr>
<td>133</td>
<td>Madison Savoy, University of Mississippi</td>
<td>Testing the Subject Bias and Effect of Verb Transitivity on Pronoun Interpretation in Adults with Intellectual Disability</td>
</tr>
<tr>
<td>134</td>
<td>Aaron Kaat, Northwestern University</td>
<td>Using Random Forests to identify the most Diagnostically-Relevant Items on the Social Responsiveness Scale</td>
</tr>
<tr>
<td>135</td>
<td>Paul Luelmo, University of California, Los Angeles</td>
<td>Impact of Disability and Access to Services for Undocumented Mexican Mothers of Children with Autism Spectrum Disorder</td>
</tr>
<tr>
<td>136</td>
<td>No Poster Presentation</td>
<td></td>
</tr>
<tr>
<td>137</td>
<td>Kathleen Angkustsiri, University of California, Davis</td>
<td>Parenting, Anxiety and Adaptive Function in Children with Chromosome 22q11.2 Deletion Syndrome</td>
</tr>
<tr>
<td>138</td>
<td>Hsu-Min Chiang, University of Macau</td>
<td>Predictors of Communication and Socialization Improvements in Children with Autism Spectrum Disorder who Attended an Afterschool Autism Program</td>
</tr>
<tr>
<td>139</td>
<td>Caitlin Clark-Wiest, University of California, Davis</td>
<td>Retrospective Analysis in Precision Genomics Clinic: Detection Rates, Diagnostic Yield, and Expansion of Genetic Etiologies of ASD</td>
</tr>
<tr>
<td>140</td>
<td>Maria Pizzano, University of California, Los Angeles</td>
<td>Out of the Ivory Tower: Generalizing Caregiver-Delivered Interventions for Children with ASD</td>
</tr>
<tr>
<td>141</td>
<td>Lauren Baczewski, University of California, Los Angeles</td>
<td>Social Communication in Tuberous Sclerosis Complex &amp; Nonsyndromic Autism: A Closer Look at Joint Attention Skills</td>
</tr>
<tr>
<td>142</td>
<td>Jemma Kim, California State University, San Bernardino</td>
<td>Korean-American Parents’ Perceptions on Autism Deficits and their Home Language Policy after their Child’s Autism Diagnosis</td>
</tr>
<tr>
<td>143</td>
<td>Hyon Soo Lee, University of California, Los Angeles</td>
<td>Korean Americans’ Perspectives on Causes of Autism</td>
</tr>
<tr>
<td>144</td>
<td>Leonard Abbeduto, University of California, Davis</td>
<td>Expressive Language Sampling as an Outcome Measure for Clinical Trials for Fragile X Syndrome and Down Syndrome</td>
</tr>
</tbody>
</table>
FRIDAY
APRIL 13, 2018

10:00–11:00 a.m.

SYMPOSIUM 25
Bayview I

Brain, Behavior and Treatments in Fragile X Syndrome
Chair: Jennifer L. Bruno
Stanford University
Discussant: Heather C. Hazlett
University of North Carolina at Chapel Hill

Brain and Behavior Patterns in Fragile X Syndrome
Amy Lightbody, Heather Hazlett, Jennifer Bruno, Joseph Piven, Allan Reiss

Clinically Distinct Neuro-Phenotypes in Young Children with FXS and Stability in Later Childhood
Jennifer Bruno, David Romano, Amy Lightbody, Heather Hazlett, Joseph Piven, Allan Reiss

Telehealth Delivery of Function-Based Behavioral Treatment for Problem Behaviors in Boys with Fragile X Syndrome
Scott Hall, Joy Pollard, Katerina Monlux, Arlette Bujanda

10:00–11:00 a.m.

SYMPOSIUM 26
Bayview II

Parenting, Parental Well-Being and the Well-Being of Children with an Intellectual or Developmental Disability
Chair: Vaso Totsika
University of Warwick
Discussant: Katie Cebula
University of Edinburg

A Decade Later: Children with ID or Typical Development and their Families, from Child Age 3 to 13 Years
Naomi Rodas, Jan Blacher, Bruce Baker

The Role of Parenting in the Path from Early Adversity to Behavior Problems in Mid-Childhood: Evidence From a Longitudinal Study
Vaso Totsika, Richard Hastings, Chris Hatton, Eric Emerson

A Community-Based Parenting Intervention for Parents of Children with a Disability: Outcomes in the Australian Stepping Stones Triple P Project
Kylie Gray, Bruce Tonge, John Taffe, Matthew Sanders Kate Sofronoff, Stewart Einfeld

10:00–11:00 a.m.

SYMPOSIUM 27
Bayview III

Examining the Impact of Disparities in Regards To Access, Implementation, and Quality of Services for Youth with ASD
Chair: Colby Chlebowski
University of California, San Diego
Discussant: Sandra Magana
University of Texas at Austin

Exploring Disparities in Patterns of Use of State-Funded Disability Services
Kelsey Dickson, Lauren Brookman-Frazee, Sarah Rieth, Ron Plotkin, Terri Cook-Clark, Christina Corsello Orahovats

The Influence of Child Characteristics on Therapist Delivery of Evidence Based Mental Health Intervention Strategies for ASD: Do Cultural Factors Matter?
Colby Chlebowski, Eliana Hurwich-Reiss, Lauren Brookman-Frazee

Characterizing Disparities in Special Education Classroom Quality for Students with Autism
Sarah Rieth, Sarah Vejnoska, Kelsey Dickson, Jessica Suhrheinrich, Aubyn Stahmer

11:00–11:30 a.m. — BREAK (Bayview Terrace)

11:30–12:30 p.m.

PLENARY SESSION 4
Bayview Ballroom

Neuroimaging and Eye Tracking Biomarkers for Understanding Symptom Trajectories in Developmental Disorders
Presenter: Susan M. Rivera, Ph.D.
University of California, Davis

Closing Remarks
Bayview Ballroom
Leonard Abbeduto, Ph.D., Conference Chair
University of California, Davis, MIND Institute

Connie Kasari, Ph.D., Conference Co-Chair
University of California, Los Angeles
**Award Recipients**

**Congratulations to the 2018 Gatlinburg Conference Travel Award Recipients!**

**American Psychological Association-Division 33 Graduate Student Travel Award**

**Iulia Mihaila**  
University of Wisconsin-Madison

**David Zeaman Graduate Award**

<table>
<thead>
<tr>
<th>Neilson Chan</th>
<th>Rachel Greene</th>
<th>Holley Pitts</th>
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<tr>
<td>Loma Linda University</td>
<td>The University of North Carolina at Chapel Hill</td>
<td>University of Louisville</td>
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<tr>
<th>Madison Crandall</th>
<th>Megan Kunze</th>
<th>Maria Pizzano</th>
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<tr>
<td>Vanderbilt University</td>
<td>University of Oregon</td>
<td>University of California, Los Angeles</td>
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<tr>
<th>Meredith Dennis</th>
<th>James McCauley</th>
<th>Kristina Rios</th>
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<tr>
<td>Loma Linda University</td>
<td>University of California, Davis</td>
<td>University of Illinois at Urbana-Champaign</td>
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**Dissertation Award**

**Ivy Kiss**  
University of Massachusetts Boston

**John G. Borkowski Diversity Travel Award**

**Lucia Florindez**  
University of Southern California

**National Fragile X Foundation Award**

**Lauren Bullard**  
University of California, Davis

**Theodore Tjossem Postdoctoral Award**

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<tr>
<th>Abigail Dickinson</th>
<th>Helen Lee</th>
<th>Geovanna Rodriguez</th>
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<tbody>
<tr>
<td>University of California, Los Angeles</td>
<td>University of Southern California</td>
<td>University of Wisconsin-Madison</td>
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SAVE THE DATE

52nd GATLINBURG CONFERENCE

Theme: Translational Research on Down Syndrome

April 10-12, 2019

Hotel Contessa
Luxury Hotel on the Riverwalk

306 W. Market Street | San Antonio, Texas

FOR MORE INFORMATION CONTACT:

Rebecca L. Shilts, Conference Manager
University of California, Davis, MIND Institute
Email: rlshilts@ucdavis.edu • Business Phone: 916-703-0263

Brenda L. Shelton, Conference Co-Manager
University of California, Davis, MIND Institute
Email: bishelton@ucdavis.edu • Business Phone: 916-703-0343
### Tuesday - April 10, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>4:00 p.m.</td>
<td>Pre-Conference Check-in / Registration</td>
<td>Bayview Ballroom Foyer</td>
</tr>
<tr>
<td>4:30–6:30 p.m.</td>
<td><strong>Pre-Conference Mentoring Session: Preparing for a Post-Doc and First Faculty Position</strong>&lt;br&gt;Panelists: Lauren Bishop-Fitzpatrick, Jan Blacher, Anna Esbensen, Cristian Farmer, Angela John Thurman, Sandra Magaña, Jane Roberts, Rodney Samaco</td>
<td>Bayview Ballroom</td>
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### Wednesday - April 11, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:30 a.m.</td>
<td>Conference Check-in / Registration</td>
<td>Bayview Ballroom Foyer</td>
</tr>
<tr>
<td>8:00–8:30 a.m.</td>
<td><strong>Opening Remarks</strong> – Leonard Abbeduto, Ph.D., Conference Chair&lt;br&gt;Connie Kasari, Ph.D., Conference Co-Chair</td>
<td>Bayview Ballroom</td>
</tr>
<tr>
<td>8:30–9:30 a.m.</td>
<td><strong>Plenary Session 1</strong>&lt;br&gt;Family Impacts of IDD: Gene X Environment Interactions&lt;br&gt;Presenter: Marsha R. Mallick, Ph.D.</td>
<td>Bayview Ballroom</td>
</tr>
<tr>
<td>9:30–10:00 a.m.</td>
<td><strong>BREAK</strong></td>
<td>Bayview Terrace</td>
</tr>
<tr>
<td>10:00–11:00 a.m.</td>
<td><strong>SYMPOSIUM 1</strong>&lt;br&gt;Bayview I&lt;br&gt;The Impact of ASD on the Family: Understanding Heterogeneity in Parenting Style and Stress in the Context of Parent-Child Interaction&lt;br&gt;Chair: Amanda C. Gulsrud</td>
<td>Bayview Ballroom</td>
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<tr>
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<td><strong>SYMPOSIUM 2</strong>&lt;br&gt;Bayview II&lt;br&gt;Investigating and Integrating Biomarkers and Behavior in Rett Syndrome&lt;br&gt;Chair: Frank Symons</td>
<td>Bayview Ballroom</td>
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<td><strong>SYMPOSIUM 3</strong>&lt;br&gt;Bayview III&lt;br&gt;Siblings of People with Intellectual Disability (ID): Behavioral, Well-Being and Family Interrelationship&lt;br&gt;Outcomes across Life Stages&lt;br&gt;Chair: Lauren V. Usher</td>
<td>Bayview Ballroom</td>
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<tr>
<td>11:15–12:15 p.m.</td>
<td><strong>SYMPOSIUM 4</strong>&lt;br&gt;Bayview I&lt;br&gt;Diverse Parent Perspectives on the Diagnosis and Treatment of Children with ASD&lt;br&gt;Chair: Sandra B. Vanegas</td>
<td>Bayview Ballroom</td>
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<td><strong>SYMPOSIUM 5</strong>&lt;br&gt;Bayview II&lt;br&gt;A Multilevel Approach to Measure the Impact of Theatre to Enhance Social Competence in Children with Autism Spectrum Disorder&lt;br&gt;Chair: Blythe A. Corbett</td>
<td>Bayview Ballroom</td>
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<tr>
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<td><strong>SYMPOSIUM 6</strong>&lt;br&gt;Bayview III&lt;br&gt;Stress, Risk, and Resiliency for Women with a FMR1 Premutation&lt;br&gt;Chair: Anne C. Wheeler</td>
<td>Bayview Ballroom</td>
</tr>
<tr>
<td>12:15–1:45 p.m.</td>
<td><strong>BREAK</strong></td>
<td>Bayview Terrace</td>
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<tr>
<td>1:45–2:45 p.m.</td>
<td><strong>SYMPOSIUM 7</strong>&lt;br&gt;Bayview I&lt;br&gt;The Impact of Age and Comorbidities on Social Skills&lt;br&gt;Outcomes across the Lifespan in Autism Spectrum Disorder&lt;br&gt;Chair: Elizabeth Laugeson</td>
<td>Bayview Ballroom</td>
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<td><strong>SYMPOSIUM 8</strong>&lt;br&gt;Bayview II&lt;br&gt;A Tribute to Stephen R. Schroeder:&lt;br&gt;Risk Factors Associated with Self-injurious Behavior&lt;br&gt;Chair: Jennifer Zarcone</td>
<td>Bayview Ballroom</td>
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<td><strong>SYMPOSIUM 9</strong>&lt;br&gt;Bayview III&lt;br&gt;Investigating the Behavioral Phenotype of Fragile X Syndrome: Lifespan Perspectives&lt;br&gt;Chair: Shannon L. O’Connor</td>
<td>Bayview Ballroom</td>
</tr>
<tr>
<td>3:00–4:00 p.m.</td>
<td><strong>SYMPOSIUM 10</strong>&lt;br&gt;Bayview I&lt;br&gt;Optimizing Parent and Child Outcomes among Families of Children with Developmental Delay: The Role of Mindfulness-Oriented Interventions&lt;br&gt;Chair: Cameron L. Neece</td>
<td>Bayview Ballroom</td>
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<td><strong>SYMPOSIUM 11</strong>&lt;br&gt;Bayview II&lt;br&gt;Uncovering Genetic Subtypes of Neurodevelopmental Disorders&lt;br&gt;Chair: Caitlin M. Hudac</td>
<td>Bayview Ballroom</td>
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<tr>
<td>4:00–4:30 p.m.</td>
<td><strong>BREAK</strong></td>
<td>Bayview Terrace</td>
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<tr>
<td>4:30–5:30 p.m.</td>
<td><strong>Plenary Session 2</strong>&lt;br&gt;Eliminating Racial/Ethnic Disparities in Health and Healthcare for Children with Intellectual and Developmental Disabilities and their Families&lt;br&gt;Presenter: Glenn Flores, M.D., FAAP</td>
<td>Bayview Ballroom</td>
</tr>
<tr>
<td>6:00–7:30 p.m.</td>
<td><strong>Poster Reception 1</strong>&lt;br&gt;(Poster Numbers 1-48)&lt;br&gt;*Mandatory session for all travel award recipients</td>
<td>Regatta Pavilion</td>
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### Thursday - April 12, 2018

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>7:30 a.m.</td>
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<tr>
<td>8:00–9:00 a.m.</td>
<td><strong>Plenary Session 3</strong>&lt;br&gt;Using Graph Theory to Inform Heterogeneity in Typical and Atypical Development&lt;br&gt;Presenter: Damien Fair, PA-C, Ph.D.</td>
<td>Bayview Ballroom</td>
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</table>
## Program at a Glance

### Thursday - April 12, 2018

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9:00–9:30 a.m.</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>9:30–10:30 a.m.</td>
<td><strong>SYMPOSIUM 13</strong>&lt;br&gt;Bayview I&lt;br&gt;Vocal Development in Children with Autism Spectrum Disorder and Children with Fragile X Syndrome&lt;br&gt;Chair: Jena McDaniel</td>
<td><strong>SYMPOSIUM 14</strong>&lt;br&gt;Bayview II&lt;br&gt;Innovative Psychological Interventions for Mental Health in People with Intellectual Disability or Autism: Moving Beyond Anxiety&lt;br&gt;Chair: Jonathan A. Weiss</td>
<td><strong>SYMPOSIUM 15</strong>&lt;br&gt;Bayview III&lt;br&gt;Insights from Infants: Charting Early Brain and Behavior across Neurodevelopmental Disorders&lt;br&gt;Chair: Jason Wolff</td>
</tr>
<tr>
<td>10:45–11:45 a.m.</td>
<td><strong>SYMPOSIUM 16</strong>&lt;br&gt;Bayview I&lt;br&gt;Adolescents with Autism in Secondary School Programs&lt;br&gt;Chair: Samuel L. Odom</td>
<td><strong>SYMPOSIUM 17</strong>&lt;br&gt;Bayview II&lt;br&gt;Early Phenotypic Profiles in Neurogenetic Syndromes&lt;br&gt;Chair: Deborah J. Fidler</td>
<td><strong>SYMPOSIUM 18</strong>&lt;br&gt;Bayview III&lt;br&gt;Toward Equity in Identification and Service Delivery for Latino Families and Children with ASD&lt;br&gt;Chair: Jan Blacher</td>
</tr>
<tr>
<td>12:00–1:30 p.m.</td>
<td><strong>LUNCH</strong></td>
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<tr>
<td>1:30–2:30 p.m.</td>
<td><strong>SYMPOSIUM 19</strong>&lt;br&gt;Bayview I&lt;br&gt;Executive Correlates of Communication Skills in Youth with Three Neurodevelopmental Disorders: Implications for Identifying Diagnostically-Tailored Treatment Targets&lt;br&gt;Chair: Nancy Raitano Lee</td>
<td><strong>SYMPOSIUM 20</strong>&lt;br&gt;Bayview II&lt;br&gt;IDD in the Family: Insights from Observed Parent-Youth Interactions&lt;br&gt;Chair: Bruce Baker</td>
<td><strong>SYMPOSIUM 21</strong>&lt;br&gt;Bayview III&lt;br&gt;Risk and Resilience in Infant Siblings of Children with Autism Spectrum Disorder&lt;br&gt;Chair: Abigail Hogan</td>
</tr>
<tr>
<td>2:45–3:45 p.m.</td>
<td><strong>SYMPOSIUM 22</strong>&lt;br&gt;Bayview I&lt;br&gt;Identifying and Targeting Individual, Family, and Environmental Variables to Improve the Transition from School to Post-School Outcomes among Individuals with IDD&lt;br&gt;Chair: Marisa H. Fisher</td>
<td><strong>SYMPOSIUM 23</strong>&lt;br&gt;Bayview II&lt;br&gt;Benefits and Challenges of Biomarker Research: Lessons Learned from Studies of Peripheral and Neural Indicators in IDD&lt;br&gt;Chair: Jane E. Roberts</td>
<td><strong>SYMPOSIUM 24</strong>&lt;br&gt;Bayview III&lt;br&gt;Detecting and Understanding Disparities among Children with Autism and Other Developmental Disabilities&lt;br&gt;Chair: Sandy Magaña</td>
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<tr>
<td>3:45–4:15 p.m.</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>4:15–5:15 p.m.</td>
<td><strong>NIH Updates</strong>&lt;br&gt;Presenter: Alice Kau, Ph.D.</td>
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<tr>
<td>5:30–7:00 p.m.</td>
<td><strong>Poster Reception 2</strong>&lt;br&gt;(Poster Numbers 49-96)&lt;br&gt;*Mandatory session for all travel award recipients</td>
<td>Regatta Pavilion</td>
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### Friday - April 13, 2018

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<tr>
<td>8:00–9:30 a.m.</td>
<td><strong>Poster Breakfast</strong>&lt;br&gt;(Poster Numbers 97-144)&lt;br&gt;*Mandatory session for all travel award recipients</td>
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<td>10:00–11:00 a.m.</td>
<td><strong>SYMPOSIUM 25</strong>&lt;br&gt;Bayview I&lt;br&gt;Brain, Behavior and Treatments in Fragile X Syndrome&lt;br&gt;Chair: Jennifer L. Bruno</td>
<td><strong>SYMPOSIUM 26</strong>&lt;br&gt;Bayview II&lt;br&gt;Parenting, Parental Well-Being and the Well-Being of Children with an Intellectual or Developmental Disability&lt;br&gt;Chair: Vaso Totsika</td>
<td><strong>SYMPOSIUM 27</strong>&lt;br&gt;Bayview III&lt;br&gt;Examining the Impact of Disparities in Regards To Access, Implementation, and Quality of Services for Youth with ASD&lt;br&gt;Chair: Colby Chlebowski</td>
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<tr>
<td>11:30–12:30 p.m.</td>
<td><strong>Plenary Session 4</strong>&lt;br&gt;Neuroimaging and Eye Tracking Biomarkers for Understanding Symptom Trajectories in Developmental Disorders&lt;br&gt;Presenter: Susan M. Rivera, Ph.D.</td>
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<tr>
<td>12:30 p.m.</td>
<td><strong>Closing Remarks</strong>&lt;br&gt;Leonard Abbeduto, Ph.D., Conference Chair&lt;br&gt;Connie Kasari, Ph.D., Conference Co-Chair</td>
<td>Bayview Ballroom</td>
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