Monday - April 5, 2021

12:00-1:15 PM CDT
Science Communications and the Importance of Talking to Non-Scientists
Maggie Koerth
Zoom
Link will be sent separately

1:15-2:00 PM CDT
BREAK

2:00-3:15 PM CDT
Effective Data Visualization
Neda Sedeghi, PhD
Zoom
Link will be sent separately

Thank you to our IDDRC Sponsors

Hosted by

KU LIFE SPAN INSTITUTE
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VANDERBILT UNIVERSITY

WAISMAN CENTER
UNIVERSITY OF WISCONSIN-MADISON

UC DAVIS HEALTH

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Washington University in St. Louis
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<th>Topic</th>
<th>Speakers</th>
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<td>8:30 AM CDT</td>
<td>General Q&amp;A</td>
<td>Help Center Stage</td>
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<tr>
<td>9:00-9:30 AM CDT</td>
<td>Opening Remarks</td>
<td>John Colombo, PhD, Conference Chair</td>
<td>Rodney Samaco, PhD, and Eric Storch, PhD, Co-Chairs</td>
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<tr>
<td>9:30-10:30 AM CDT</td>
<td>Plenary Speaker 1</td>
<td>Successes and Challenges in Treating Severe Communication Disorders</td>
<td>Nancy Brady, PhD</td>
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<td>10:30-10:40 AM CDT</td>
<td>Break</td>
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<tr>
<td>10:40-11:40 AM CDT</td>
<td>Vanderbilt Kennedy Center Stage</td>
<td>Symposium 1: Co-Occurring Psychiatric Conditions in People with Autism, Intellectual Disability, or Down Syndrome: Prevalence Rates and Service Use Across the Lifespan</td>
<td>Brenna Maddox, University of North Carolina at Chapel Hill (Chair)</td>
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<td>Lauren Brokman-Frazee, University of California, San Diego (Discussant)</td>
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<td>Lauren Bishop, University of Wisconsin-Madison</td>
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<td>Barbara Caplan, University of California, San Diego</td>
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<td>Brenna Maddox, University of North Carolina at Chapel Hill</td>
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<td>12:40-1:40 PM CDT</td>
<td>Vanderbilt Kennedy Center Stage</td>
<td>Symposium 4: Needs, Treatment acceptability, and Culturally Appropriate Intervention for Asian families of children with Autism and other Developmental Disabilities</td>
<td>Yue Xu, University of Illinois at Chicago (Chair)</td>
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<td>Esther Son, City University of New York (Discussant)</td>
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<td>Irang Kim, Tulane University</td>
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<td>Qi Wei, University of Oregon</td>
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<td>Yue Xu, University of Illinois at Chicago</td>
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<td>1:40-1:50 PM CDT</td>
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<td>1:50-2:50 PM CDT</td>
<td>Vanderbilt Kennedy Center Stage</td>
<td>Symposium 7: Behavioral Interventions to Support Employment Transition Services for Autistic Transition Age Youth</td>
<td>Matthew Smith, University of Michigan School of Social Work (Chair)</td>
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<td>Lauren Bishop, University of Wisconsin (Discussant)</td>
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<td>Conne Sung, Michigan State University</td>
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<td>Matthew Smith, University of Michigan</td>
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<td>Kari Sherwood, University of Michigan</td>
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<td>3:00-4:30 PM CDT</td>
<td>Poster Reception 1</td>
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<td>Posters 1-48 (see list below)</td>
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<td>4:30-5:30 PM CDT</td>
<td>UC Davis MIND Institute Stage</td>
<td>Symposium 2: Meaningful Differences in the Everyday Experience of Young Autistic Children: Phenomenology, Prevalence, and Treatment</td>
<td>Nancy Mason, Cook Children’s Health Care System (Chair)</td>
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<td>Alonzo Andrews, The University of Texas at San Antonio (Discussant)</td>
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<td>Janet Enriquez, University of North Carolina at Charlotte</td>
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<td>Lee Mason, Cook Children’s Health Care System</td>
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<td>5:30-6:30 PM CDT</td>
<td>UC Davis MIND Institute Stage</td>
<td>Symposium 3: Masks, Mandates, and Mourning: Individuals with Neurodevelopmental and Genetic Disorders and Their Families During the Time of the COVID-19 Global Pandemic</td>
<td>Jessica Goldblum, The University of North Carolina at Chapel Hill (Chair)</td>
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<td>Brian Boyd, University of Kansas (Discussant)</td>
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<td>Jessica Goldblum, The University of North Carolina at Chapel Hill</td>
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<td>Carly Hyde, The University of California, Los Angeles</td>
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<td>Alan Gerber, Stonybrook University</td>
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<td>6:30-7:30 PM CDT</td>
<td>UC Davis MIND Institute Stage</td>
<td>Symposium 5: Executive function in brain and everyday life: Lessons from autism, Down syndrome, and mixed etiology developmental disorders</td>
<td>Nancy Raitano Lee, Drexel University (Chair)</td>
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<td>Benjamin Yerys, University of Pennsylvania (2nd Chair)</td>
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<td>Lauren Kenworthy, Children's National Medical Center (Discussant)</td>
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<td>Goldie McQuaid, George Mason University</td>
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<td>Nancy Raitano Lee, Drexel University</td>
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<td>Emily Kuschner, Children's Hospital of Philadelphia</td>
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<td>7:30-8:00 PM CDT</td>
<td>UC Davis MIND Institute Stage</td>
<td>Symposium 6: From biology to behaviour: modelling cause and intervention for problem behaviours</td>
<td>Caroline Richards, University of Birmingham (Chair)</td>
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<td>Frank Symons, University of Minnesota (Discussant)</td>
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<td>Scott Hall, Stanford University</td>
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<td>8:00-9:00 PM CDT</td>
<td>UC Davis MIND Institute Stage</td>
<td>Symposium 7: Novel approaches to behavioural phenotype research in genetic syndromes associated with intellectual disability</td>
<td>Jane Waite, Aston University (Chair)</td>
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<td>Jane Roberts, University of South Carolina (Discussant)</td>
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<td>Stacey Bissell, University of Birmingham</td>
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<td>Hayley Crawford, University of Warwick</td>
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<td>Joanna Moss, University of Surrey</td>
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<td>Katherine Ellis, University of Surrey</td>
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### General Q&A
- Poster Reception 2
- Posters 205, 235, 49-96 (see list below)

### BREAK

### Plenary Talks Stage
- **Plenary Speaker 2**
  - Title: Summary of Clinical Issues in FXS, Options for Supportive Treatment and Clinical Trials Efforts and Successes
  - Speaker: Elizabeth Berry-Kravis, PhD

### UC Davis MIND Institute Stage
- **Symposium 12: Evidenced-Based Interventions for Individuals with Developmental Delays and ASD: A Focus on Latino Families**
  - Cameron Neese, Loma Linda University (Chair)
  - Sandy Magaria, University of Texas at Austin (Discussant)
  - Jonathan Safer-Lichtenstein, University of Oregon
  - Kristina Lopez, Arizona State University
  - Ann Marie Martin, University of California, Riverside

### Vanderbuilt Kennedy Center Stage
- **Symposium 10: Patient-Researcher Partnerships Across Rare Genetic Forms of NDD and ASD**
  - Shafali Jeste, University of California at Los Angeles (Chair)
  - Alyssa Halladay, Rutgers University (2nd Chair)
  - Shafali Jeste, University of California at Los Angeles
  - Elizabeth Jalazo, University of California at Chapel Hill
  - Jill Silverman, University of California at Davis MIND Institute

### VAISMAN CENTER STAGE
- **Symposium 11: Development and Evaluation of Virtual Adaptations of Evidence Based Interventions for Autism Spectrum Disorder and Fragile X Syndrome**
  - Rebecca Shaffer, Cincinnati Children's Hospital Medical Center (Chair)
  - Judy Reaven, JFK Partners, University of Colorado Health Sciences Center (Discussant)
  - Vivian Lee, York University
  - Amy Banausk, UC Davis Mind Institute
  - Jasper Estabillo, UCLA
  - Rebecca Shaffer, Cincinnati Children's Hospital Medical Center

### UC Davis MIND Institute Stage
- **Symposium 13: Parent-Child Interactions: Across Rare Genetic Forms of NDD and ASD**
  - Susan Loveall, University of Nebraska – Lincoln (Chair)
  - Leonard Abbeduto, University of California, Davis MIND Institute (Discussant)
  - Laura Mattie, University of Illinois at Urbana-Champaign
  - Susan Loveall, University of Nebraska – Lincoln
  - Marie Moore Channell, University of Illinois at Urbana-Champaign
  - Ciara O'Toole, University College Cork

### UC Davis MIND Institute Stage
- **Symposium 14: A Continuum of Technology Use in Parent Mediated Interventions**
  - Lauren Little, Rush University (Chair)
  - Brian Boyd, University of Kansas (Discussant)
  - Anne Hoffmann, Rush University
  - Lauren Little, Rush University

### UC Davis MIND Institute Stage
- **Symposium 15: What is the need, and what do we do? Innovations in assessing and treating families of individuals with neurodevelopmental disorders during COVID-19 and beyond.**
  - Anne Wheeler, RTI International (Chair)
  - Bridgette Kelleher, Purdue University
  - Ana Panayi, Purdue University
  - Meredith Bucher, Purdue University

### Vanderbuilt Kennedy Center Stage
- **Symposium 16: Autism in College: Exploring First-year Success, Sexual Victimization, and Discrimination Experiences**
  - Lauren Baczewski, University of California Los Angeles (Chair)
  - Mania Pizzano, Loyola Marymount University (Discussant)
  - Lauren Baczewski, University of California Los Angeles
  - Natalie Libster, University of California Los Angeles
  - Sohyun Kim, University of California Los Angeles

### Vanderbuilt Kennedy Center Stage
- **Symposium 17: Emotion Regulation in Autism**
  - Lauren Little, Rush University (Chair)
  - Brian Boyd, University of Kansas (Discussant)
  - Anne Hoffmann, Rush University
  - Lauren Little, Rush University

### Vanderbuilt Kennedy Center Stage
- **Symposium 18: Remote delivery of behavioral intervention for ASD: challenges, successes, and considerations moving forward**
  - Carly Hyde, University of California, Los Angeles (Chair)
  - Connie Kasari, University of California, Los Angeles (Discussant)
  - Allison Wainer, Rush University
  - Carly Hyde, University of California, Los Angeles
  - Ellen Doernberg, Case Western Reserve University
  - Katherine Okoniewski, RTI International, Research Triangle Park
  - Meredith Bucher, Purdue University

### Vanderbuilt Kennedy Center Stage
- **Symposium 19: Virtual Adaptations of Evidence Based Interventions for Autism Spectrum Disorder and Fragile X Syndrome**
  - Rebecca Shaffer, Cincinnati Children's Hospital Medical Center (Chair)
  - Judy Reaven, JFK Partners, University of Colorado Health Sciences Center (Discussant)
  - Vivian Lee, York University
  - Amy Banausk, UC Davis Mind Institute
  - Jasper Estabillo, UCLA
  - Rebecca Shaffer, Cincinnati Children's Hospital Medical Center

### Vanderbuilt Kennedy Center Stage
- **Symposium 20: Social-Communication Intervention for Autism Spectrum Disorder and Fragile X Syndrome**
  - Rebecca Shaffer, Cincinnati Children's Hospital Medical Center (Chair)
  - Judy Reaven, JFK Partners, University of Colorado Health Sciences Center (Discussant)
  - Vivian Lee, York University
  - Amy Banausk, UC Davis Mind Institute
  - Jasper Estabillo, UCLA
  - Rebecca Shaffer, Cincinnati Children's Hospital Medical Center
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<td>General Q&amp;A</td>
<td>Help Center Stage</td>
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<td><strong>9:00-10:30 AM CDT</strong></td>
<td>Poster Reception 3</td>
<td>Posters 97-136 (see list below)</td>
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<td><strong>10:30-10:40 AM CDT</strong></td>
<td>Break</td>
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<td><strong>10:40-11:40 AM CDT</strong></td>
<td>Plenary Speaker 3</td>
<td>Road to Therapeutics from A to Z: Lessons Learned from Chromosome 15 Jessica Duis, PhD</td>
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<td>Plenary Talks Stage</td>
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<td>Graduate Student Presentations</td>
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<td><strong>3:00-4:00 PM CDT</strong></td>
<td>NIH Updates</td>
<td>Sujata Bardhan, PhD, Health Scientist Administrator, NICHD/NIH</td>
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<tr>
<td><strong>4:00 PM CDT</strong></td>
<td>Closing Remarks</td>
<td>John Colombo, PhD Conference Chair, Rodney Samaco, PhD and Eric Storch, PhD, Co-Chairs</td>
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Poster 1: **Executive Functions of Children and Adolescents with Williams Syndrome**, Caroline Greiner de Magalhães, *University of Louisville*

Poster 2: **Examining the relations among empowerment and civic engagement among parents of individuals with intellectual and developmental disabilities**, Janeth Aleman-Tovar, *University of Illinois at Urbana-Champaign*

Poster 3: **Increased Resting-State Whole-Brain Connectedness in Youth with Down Syndrome**, Kelsey Csumitta, *Drexel University National Institute of Mental Health*

Poster 4: **Stability of Vocal Variables Measured During the Early Communication Indicator for Children with Autism Spectrum Disorder**, Jena McDaniel, *University of Kansas*


Poster 6: **The Role of Siblings: Qualitative Perspective of Adolescents with Autism Spectrum Disorder or Intellectual Disability and their Caregivers**, Elizabeth Baker, *University of California, Riverside*

Poster 7: **Parent Therapeutic Factors in Mental Health Treatment for Autistic Children: A Qualitative Analysis**, Victoria Chan, *York University Holland Bloorview Kids Rehabilitation Hospital*

Poster 8: **Sensory Processing and Maladaptive Behavior in Young Children with Autism Spectrum Disorder and Fragile X Syndrome with and without Comorbid Autism Spectrum Disorder**, Chandler Knott, *University of South Carolina*

Poster 9: **Commonalities in Coping: Reports from Parents of Transition Age Youth Across Diagnostic Groups**, Giselle Salinas, *University of California, Riverside*

Poster 10: **Audiovisual Speech Processing and Language are Linked in Children with Autism Spectrum Disorder**, Kacie Dunham, *Vanderbilt University*

Poster 11: **Explicit and implicit attitudes towards individuals with intellectual disability: The role of integrated sport participation**, Carly Albaum, *York University*

Poster 12: **Mothers’ Perspectives on the Future of their Young Adults with and without Developmental Disabilities**, Elina Veytsman, *University of California Riverside*

Poster 13: **Behavioral Outcomes of Siblings of People with Autism Spectrum Disorder**, Shuqi Yu, *Virginia Polytechnic Institute and State University*

Poster 14: **Sleep quality and neurocognitive function in children with and without Down syndrome**, Kenneth Bottrill, *University of Arizona*
Poster 17: Program Evaluation of a Peer Counselling Program for Parents of Children with Autism in the South Asian Community, Ann Mills, York University

Poster 18: Development of Inhibitory Control Across Early Childhood in Males and Females with Fragile X Syndrome, Erin Hunt, University Of South Carolina

Poster 19: Exploring the Child and Adolescent Mindfulness Measure (CAMM) in Children and Adolescents with Autism, Flora Roudbarani, York University

Poster 20: DS-Connect: The Down Syndrome Registry, The Professional Portal and INCLUDE/Down Syndrome Research Plan, Sujata Bardhan, National Institutes of Health

Poster 21: Receptive and Expressive Syntax Development in Youth with Down Syndrome and Fragile X Syndrome, Sarah Nelson Potter, UC Davis MIND Institute

Poster 22: Standardized and novel executive function task performance in children with Down syndrome in relation to parent perception of executive function, Michelle Lopez, University of Arizona

Poster 23: Mechanisms By Which Early Eye Gaze to Multisensory Speech Influences Expressive Communication Development in Infant Siblings of Children with and without Autism, Pooja Santapuram, Vanderbilt University School of Medicine

Poster 24: The Impact of the FMR1 Premutation Phenotype on Mother-Child Synchrony in Fragile X Syndrome, Carly Moser, University of South Carolina

Poster 25: Do Socially Valid Interventions Influence Treatment Integrity and Reflect Changes in Challenging Behaviors?, Marisela Aguilar, Drake University

Poster 26: Factors Associated with Asthma for Adults with Intellectual and Developmental Disabilities, Yue Xu, University of Illinois at Chicago

Poster 27: Variability and Change in Autism Symptom Severity Trajectories across Childhood, Einat Waizbard-Bartov, University of California Davis, Department of Psychology UC Davis MIND Institute

Poster 28: Parenting Stress in Caregiver-Mediated Interventions for Toddlers with Autism: An Application of Quantile Regression Mixed Models, Andy Schlink, University of California, Los Angeles

Poster 29: Parenting sleep practices and perceptions among infants with Down syndrome, Payal Khosla, University of Arizona

Poster 30: Associations between Social Attention Bias, Anxiety, and Autism Symptomology across Neurodevelopmental Disorders, Kayla Smith, University of South Carolina

Poster 31: Service Providers’ Language Abilities Effecting their Clinical Experience with Children from Multilingual Backgrounds, Suma Suswaram, University of Kansas

Poster 32: Mother, Father, and Adolescent Perspectives: Sibling Relationship Quality of Individuals with ASD, ID, or TD, Michelle Heyman, University of California, Riverside

Poster 33: Caregiver Fidelity: What can we learn from a Caregiver-Mediated Intervention for Toddlers with ASD?, Maria Pizzano, UCLA
Poster 34: **Caregiver Reported Pain Treatment Practices by Pain Type in Girls and Women with Rett Syndrome.**, Abagail Raiter, *Gillette Children’s Specialty Healthcare*

Poster 36: **Acceptability and Feasibility of the Autism Mentorship Program (AMP)**, Rebekah Hudock, *University of Minnesota*

Poster 37: **Profiles of preschool children with Down syndrome at 12-month follow up after early language intervention**, Casy Walters, *Georgia State University*

Poster 38: **Predictors of Maternal Well-Being and Adolescent and Young Adult Behavior in Fragile X Families**, Claudine Anglo, *UC Davis MIND Institute*

Poster 39: **Reliability of Computerized Language Analysis (CLAN) to Evaluate Grammatical Skills of Individuals with DS or FXS**, Lisa Hilliard, *University of Minnesota Twin Cities*

Poster 40: **Comparing approaches in parent-implemented intervention: An examination of parent sensitivity and responsivity**, Sarah Vejnoska, *UC Davis MIND Institute*

Poster 41: **The Association Between Expressive and Receptive Language and Joint Attention in Infants at Risk for ASD**, Maira Tafolla, *University of California, Los Angeles*

Poster 42: **Retrospective memory abilities of children with Down syndrome in comparison to typically developing children across time**, Mary Godfrey, *Drexel University Children’s National Medical Center*

Poster 43: **Interventions for Infants and Toddlers at Risk for Developing ASD: A Systematic Review**, Elizabeth Isralowitz, *University of Southern California*

Poster 44: **Association of gestational age at birth with symptoms of Attention-Deficit/Hyperactivity Disorder in children and adolescents with Down syndrome**, Laura del Hoyo Soriano, *UC Davis MIND Institute*

Poster 45: **Examining the Relationship between Suicidal Ideation and Treatment Outcome for Young Adults with ASD and Other Social Challenges Following the UCLA PEERS Intervention**, Leila Solouki, *University of California, Los Angeles Pepperdine University*

Poster 46: **Exploring Cognitive Flexibility Deficits Using Behavioral Tasks in Individuals with Fragile X Syndrome**, Joy Li, *University of Cincinnati College of Medicine Cincinnati Children’s Hospital Medical Center*

Poster 47: **Concurrent Predictors of Pragmatic Communication in Children and Adolescents with Williams Syndrome**, Amanda Harmon, *University of Louisville Charleston Southern University*

Poster 48: **Impact of Intellectual Disability on Social Motivation in Autism Spectrum Disorder**, Nicole Friedman, *Center for Youth Development and Intervention, University of Alabama Department of Psychology, University of Alabama*
Poster 205: The Role of Sleep Quality, and its Relationship to Perceived Stress, in Overall Quality of Life for Autistic Adults, Kiley McLean, University of Wisconsin-Madison School of Social Work

Poster 235: Community Factors and High School Services for Diploma-Track Students on the Autism Spectrum, Elizabeth Munsell, Boston University

Poster 49: Sensory mechanisms of motor variability and regularity in autism spectrum disorder, Robin Shafer, University of Kansas – Lawrence

Poster 50: Emotion Regulation and Word Reading Ability as Concurrent Predictors of Community Living Skills for Children and Adolescents with Williams Syndrome, Caroline Greiner de Magalhães, University of Louisville

Poster 51: Unmet health care needs and health care quality in youth with autism spectrum disorder with and without intellectual disability, Michelle Menezes, University of Virginia

Poster 52: Predictors of Compliance with Maternal Requests for Action by Adolescent Males with Fragile X Syndrome, Heather Fielding-Gebhardt, University of Kansas

Poster 53: Infants’ Behavioral Responses to Name are Accompanied by Greater Heart Rate Deceleration: A Biobehavioral Approach, Wei Siong Neo, Purdue University

Poster 54: Spatial and identity cues differentially affect implicit learning of children with autism in the contextual cueing task with human characters stimuli, YU XIE, East China Normal University The University of North Carolina at Chapel Hill

Poster 55: Hyperlexia or Precocious Reading? Evidence from Brazilian Portuguese-speaking Preschool Children with ASD, Claudia Cardoso-Martins, Universidade Federal de Minas Gerais

Poster 56: Caregivers’ Perspectives on Family Involvement during the Autism Evaluation Process, Ariel Blakey, Boston University

Poster 57: Is the strength of the relation between early parent follow-in input and later child vocabulary size in infant siblings of children with ASD conditional on engagement state or communication disorders? Madison Crandall, Vanderbilt University

Poster 58: Sensorimotor and cortical-cerebellar lateralization in autism spectrum disorder, Walker McKinney, University of Kansas

Poster 59: Investigating the two-hit model of autism: Puberty and peer-relations predicted depressive symptoms in autistic males, Jenny Phan, University of Wisconsin-Madison

Poster 60: Deficits in feedback and feedforward processes are distinct and vary across age in individuals with autism spectrum disorder, Kathryn Unruh, University of Kansas

Poster 61: Inhibition and Sustained Attention with Reported Changes in Adults with Down Syndrome, Gayle Faught, The University of Alabama
Poster 62: **Comprehensive Evaluation of Psychological, Neurocognitive, and Neurophysiological Phenotypes in FMR1 Premutation Carriers**, Lauren Schmitt, *Cincinnati Children's Hospital Medical Center University of Cincinnati College of Medicine*

Poster 63: **Mental state terms and linguistic synchrony among boys with fragile X syndrome and autism spectrum disorder**, Nell Maltman, *Waisman Center, University of Wisconsin-Madison*

Poster 65: **When word reading matches, do individuals with Down syndrome have reading comprehension comparable to typical readers?** Alison Hessling, *Baylor University*

Poster 66: **The Role of Verbal Working Memory in Conversational Discourse in Boys with Idiopathic ASD and FXS+ASD**, Laura Friedman, *University of Wisconsin-Madison*

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