

# Gatlinburg Conference

on Research and Theory in Intellectual and Developmental Disabilities

The Westgate Hotel • San Diego • California

March 26-28, 2008

*This volume contains abstracts for invited talks, individual and symposia papers, and poster presentations at the 41<sup>st</sup> Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, held March 26-28, 2008, in San Diego, California.*

*Permission to quote or reprint any of these materials must be obtained from the author(s).*

## • EXECUTIVE COMMITTEE •

**Leonard Abbeduto, Conference Co-Chair**  
University of Wisconsin–Madison

**Jennifer Hill Karrer**  
University of Victoria

**Don Bailey**  
University of North Carolina at Chapel Hill

**Connie Kasari**  
University of California, Los Angeles

**John Borkowski**  
University of Notre Dame

**Mark Lewis**  
University of Florida

**Frances Connors**  
University of Alabama

**William MacLean**  
University of Wyoming

**Francis Crinella**  
University of California at Irvine

**Marsha Mailick Seltzer, Conference Co-Chair**  
University of Wisconsin–Madison

**Sharon Duffy**  
University of California at Riverside

**William McIlvane**  
University of Massachusetts Medical School

**Elisabeth Dykens**  
Vanderbilt University

**Richard Serna**  
University of Massachusetts Medical School

**Deborah Fidler**  
Colorado State University

**Wayne Silverman**  
Johns Hopkins University School of Medicine

**Frank Floyd**  
Georgia State University

**Steve Warren**  
University of Kansas

**Susan Hepburn**  
University of Colorado

## • THEME COMMITTEE •

**Sharon Duffy**  
University of California at Riverside

**Susan Hepburn**  
University of Colorado

**Frank Floyd**  
Georgia State University

**Steve Warren**  
University of Kansas

**Connie Kasari, Chair**  
University of California, Los Angeles

## • CONFERENCE COORDINATION •

**Teresa Palumbo – Conference Coordinator**  
Waisman Center, University of Wisconsin-Madison

**Ernie Colantonio – AV Coordinator/Webmaster**  
Waisman Center, University of Wisconsin-Madison

## • CONFERENCE SUPPORT •

This conference is supported by grant number R13 HD38335 from the  
**National Institute of Child Health and Human Development.**

Additional support provided through a generous donation from **Brookes Publishing.**

# Table of Contents

PROGRAM AT A GLANCE .....	3
AWARD RECIPIENTS .....	4
EXHIBITORS .....	5
INVITED PRESENTERS .....	6
DETAILED CONFERENCE PROGRAM .....	8

## WEDNESDAY PRESENTATIONS

### MORNING

• Symposium 1 .....	23
• Symposium 2 .....	29
• Symposium 3 .....	35

### AFTERNOON

• Symposium 4 .....	41
• Symposium 5 .....	47
• Symposium 6 .....	53

### EVENING

• Poster Session 1 .....	59
--------------------------	----

## THURSDAY PRESENTATIONS

### MORNING

• Symposium 7 .....	95
• Symposium 8 .....	101
• Symposium 9 .....	107

### AFTERNOON

• Paper Session 1 .....	113
• Paper Session 2 .....	121
• Paper Session 3 .....	129

### EVENING

• Poster Session 2 .....	137
--------------------------	-----

## FRIDAY PRESENTATIONS

### MORNING

• Symposium 10 .....	169
• Symposium 11 .....	175
• Symposium 12 .....	181

AUTHOR INDEX .....	187
--------------------	-----

# 2008 Gatlinburg Conference

## Program at a Glance

<b>TUESDAY, MARCH 25, 2008</b>			
5:00 - 7:00 P.M.	REGISTRATION		VERSAILLES FOYER
<b>WEDNESDAY, MARCH 26, 2008</b>			
7:30 - 8:45 A.M.	REGISTRATION		VERSAILLES FOYER
8:45 - 10:15 A.M.	SYMPOSIUM 1 EMBASSY	SYMPOSIUM 2 AMBASSADOR	SYMPOSIUM 3 CORONET
10:30 - 10:45 A.M.	<i>Opening Remarks: Marsha Mailick Seltzer, PhD &amp; Len Abbeduto, PhD</i>		
			VERSAILLES BALLROOM
10:45 A.M. - 12:15 P.M.	<i>Plenary Session: Amy Wetherby, PhD</i>		VERSAILLES BALLROOM
2:00 - 3:30 P.M.	SYMPOSIUM 4 EMBASSY	SYMPOSIUM 5 AMBASSADOR	SYMPOSIUM 6 CORONET
3:45 P.M. - 5:15 P.M.	<i>NIH Workshop: Navigating the NIH</i>		
			VERSAILLES BALLROOM
5:30 P.M. - 7:30 P.M.	<i>Poster Session 1</i>		RIVIERA ROOM & TERRACE
<b>THURSDAY, MARCH 27 2008</b>			
8:45 - 10:15 A.M.	SYMPOSIUM 7 EMBASSY	SYMPOSIUM 8 AMBASSADOR	SYMPOSIUM 9 CORONET
10:30 A.M. - 12:00 P.M.	<i>Plenary Session: Michael Guralnick, PhD</i>		VERSAILLES BALLROOM
1:30 - 3:00 P.M.	<i>Plenary Session: John Walkup, MD</i>		VERSAILLES BALLROOM
3:00 - 5:30 P.M.	PAPER SESSION 1 EMBASSY	PAPER SESSION 2 AMBASSADOR	PAPER SESSION 3 CORONET
6:00 P.M. - 8:00 P.M.	<i>Poster Session 2</i>		RIVIERA ROOM & TERRACE
<b>FRIDAY, MARCH 28, 2008</b>			
8:45 - 10:15 A.M.	SYMPOSIUM 10 EMBASSY	SYMPOSIUM 11 AMBASSADOR	SYMPOSIUM 12 CORONET
10:30 A.M. - 12:00 P.M.	<i>Plenary Session: Michael Aman, PhD</i>		VERSAILLES BALLROOM
12:00 P.M.	<i>Closing Remarks: Marsha Mailick Seltzer, PhD &amp; Len Abbeduto, PhD</i>		
			VERSAILLES BALLROOM

# Award Recipients

## David Zeaman Student Award

**Heather Doescher**  
University of Wisconsin-Madison

**Jennifer Foss-Feig**  
Vanderbilt University

**Elena Gay**  
University of North Carolina at Chapel Hill

**Sarah Hurwitz**  
University of North Carolina at Chapel Hill

**Hyo Jung Koh**  
University of California, Los Angeles

**Elizabeth Malesa**  
Vanderbilt University

**Cameron Neece**  
University of California, Los Angeles

**Vivian Piazza**  
Georgia State University

**Lynn Sisco**  
University of Wisconsin-Madison

**Leah Wildenger**  
Syracuse University

## Theodore Tjossem Post-Doctoral Fellow Award

**Somer Bishop**  
University of Wisconsin-Madison

**Lizbeth Finestack**  
University of Wisconsin-Madison

**Amanda Gulsrud**  
University of California, Los Angeles

**Kimberly Howard**  
Columbia University

**Leann Smith**  
University of Wisconsin-Madison

# Exhibitors

- The Gatlinburg Conference especially thanks **Brookes Publishing Co.** for its generous sponsorship of the Poster Session 2 reception and a student travel award •

# BROOKES

30  
Years

## PUBLISHING CO.

®

[www.brookespublishing.com](http://www.brookespublishing.com)

**Brookes Publishing Co.**

P.O. Box 10624

Baltimore, MD 21285-0624

Phone: 1-800-638-3775

Fax: 410-337-8539

Email: [custserv@brookespublishing.com](mailto:custserv@brookespublishing.com)

[www.brookespublishing.com](http://www.brookespublishing.com)

**FREE STUDENT BOOK DRAWINGS**

*Stop by the booth at:*

12:15 P.M. Wednesday, March 26

*and at*

NOON on Thursday, March 27

*for the FREE student book drawings*



## WILEY- BLACKWELL

**Wiley-Blackwell**

350 Main Street

Malden MA 02149

Phone: 781-388-8200

Fax: 781-388-8210

[www.wiley.com/wiley-blackwell](http://www.wiley.com/wiley-blackwell)

**ROUTLEDGE**



## Routledge

Taylor & Francis Group

**Taylor and Francis**

325 Chesnut Street

Philadelphia, PA 19106

Phone: 1-800-354-1420, press "4"

Fax: 215-625-8914

[customerservice@taylorandfrancis.com](mailto:customerservice@taylorandfrancis.com)

# Noldus

Information Technology

**Noldus Information Technology Inc.**

1503 Edwards Ferry Rd., Suite 201

Leesburg, VA 20176

Phone: 703-771-0440

Fax: 703-771-0441

E-mail: [paige.roderick@noldus.com](mailto:paige.roderick@noldus.com)

[www.noldus.com](http://www.noldus.com)

• **THANK YOU TO OUR 2008 EXHIBITORS** •

# Invited Speakers

## Michael Aman, PhD

Friday, March 28, 2008

10:30 A.M.–12:00 P.M.

Versailles Ballroom

**“Thirty Years of Drug Research: Fun, Frustration, and Future”**



This talk describes research out of our affiliated laboratories since approximately 1980. I will discuss some of my early research with older psychotropic medicines, such as the classical antipsychotics. Some older work with stimulant medicines and children having ADHD symptoms is also covered. I will discuss more recent studies, many of which have been with the atypical antipsychotics and SSRIs and conducted in the context of multisite investigations [e.g., the NIMH Research Units on Pediatric Psychopharmacology (RUPP)]. Recent work also includes investigations with stimulant medicines and atomoxetine in children with autism spectrum disorders and ADHD symptoms. I shall describe the recent RUPP study of atypical antipsychotics plus/minus Parent Training in behavior therapy and, if not under embargo,\* the main findings will be summarized. I will briefly address some of the Social Validity research in the pediatric drug research field. This is followed by a description of Project MED (Medication EDucation for consumers with I/DD) and our attempts to help educate consumers in this field. I conclude with a brief survey of where the specialty of psychopharmacology in I/DD is at present and where it seems to be headed.

\*The recently-completed RUPP study, "Risperidone and behavior therapy in children with Pervasive Developmental Disorders," may be under embargo, depending upon the timing of the main publication to result from this project and the venue where the RUPP Network decides to present this first.

*Dr. Aman is a professor of psychology and psychiatry at the Nisonger Center, UCEDD, at the Ohio State University.*

## Michael Guralnick, PhD

Thursday, March 27, 2008

10:30 A.M.–12:00 P.M.

Versailles Ballroom

**“Behavioral Interventions to Enhance the Peer-Related Social Competence of Young Children with Mild Intellectual Delays”**



Young children with mild intellectual delays exhibit unusual and pervasive difficulties in peer-related social competence. These peer competence problems compromise children's ability to establish productive relationships with their peers and to develop friendships, setting the stage for later social isolation and interpersonal problems. In this presentation, I discuss the nature and characteristics of children's peer competence difficulties, the various forms behavioral interventions have taken, and the outcomes of those interventions. Although considered within an historical perspective, emphasis is placed on contemporary models of peer competence and their ability to serve as a framework for effective behavioral interventions.

*Dr. Guralnick is director of the Center on Human Development and Disability and professor of psychology and pediatrics at the University of Washington.*

# Invited Speakers

## John Walkup, MD

Thursday, March 27, 2008

1:30 P.M.–3:00 P.M.

Versailles Ballroom

### "Bringing Interventions to Scale: The Role of Large Multisite Clinical Trials in Advancing Treatment Research"



Many lessons learned from large-scale clinical trials of other childhood onset disorders can be applicable to clinical trials for children with developmental and intellectual disabilities (DD/ID). Early clinical trials for childhood psychiatric disorders (ADHD, depression and anxiety) were small, single-site, idiosyncratic to site and investigator, and often never replicated. With some notable exceptions clinical trials for children with DD/ID are at a similar stage of treatment development. While many challenges are encountered in taking new treatments to scale in large clinical trials, such trials can move the field forward in a number of positive ways. Large scale clinical trials of childhood onset psychiatric have had significant public health impact by establishing treatments of choice, they have also provided new impetus for refining existing treatments and developing new and innovative approaches. This presentation will review the steps in treatment development from early proof of concept trials to large scale clinical trials; describe the challenges and benefits of large-scale clinical trials using existing as published clinical trials as case examples and highlight unique aspects of the DD/ID populations that need to be address in future studies.

*Dr. Walkup is an associate professor in the Department of Psychiatry and Behavioral Sciences at The Johns Hopkins University School of Medicine.*

## Amy Wetherby, PhD

Wednesday, March 26, 2008

10:45 A.M.–12:15 P.M.

Versailles Ballroom

### "Developmental Approaches to Intervention for Young Children with Autism Spectrum Disorders: What is the Research Evidence?"



Core deficits of autism spectrum disorders (ASD) include impairments of reciprocal social interaction, impairments of verbal and nonverbal communication, and restricted repetitive behaviors. The priority of early intervention for young children with ASD has lead to the need for developmentally appropriate yet evidence-based interventions. This session will provide a brief overview of the recommendations of the National Academy of Sciences Committee on Educational Interventions for Children with Autism. Limitations of behavioral intervention strategies for promoting generalization and spontaneous communication have led to a growing body of research on developmental intervention approaches. The research evidence on developmental intervention approaches for young children with ASD will be reviewed and active ingredients of developmental interventions will be delineated. Guidelines for targeting meaningful outcome measures addressing core deficits of ASD in toddlers will be offered. Gaps in current research and suggestions for future research needs for young children with ASD will be highlighted.

*Dr. Wetherby is Laurel Schendel Professor in the Department of Communication Disorders at Florida State University.*

# 2008 Gatlinburg Conference

# W E D N E S D A Y

## March 26, 2008

■ 8:45 – 10:15 A.M.

### • SYMPOSIUM 1 – Embassy

**Early Communication Intervention Outcomes for**

**Children with Autism Spectrum Disorders**

**Chair:** MaryAnn Romski, Georgia State University

**Discussant:** Amy Wetherby, Florida State University

**Teaching Joint Attention to Mothers of Children with Autism: A Randomized Controlled Intervention Study**

Connie Kasari

Amanda Gulsrud

Susan Kwon

University of California, Los Angeles

**The Effects of Intervention on the Development of Joint Engagement in Autism**

Lauren B. Adamson

Roger Bakeman

MaryAnn Romski

Rose A. Sevcik

Deborah F. Deckner

Georgia State University

**Exploring the Effects of Early AAC Interventions for Children with Autism Spectrum Disorders**

MaryAnn Romski

Rose A. Sevcik

Lauren B. Adamson

Ashlyn Smith

R. Mike Barker

Georgia State University

**Individual Differences in Parent-Implemented Enhanced Milieu Teaching: Effects on Children with Autism**

Ann P. Kaiser

Theresa MacFarland

Terry B. Hancock

Vanderbilt Kennedy Center and

Department of Special Education, Vanderbilt University

### • SYMPOSIUM 2 – Ambassador

**Translational Research and the Prevention of Developmental Delays**

**Chair:** John Borkowski, University of Notre Dame

**Discussant:** Paul Yoder, Vanderbilt University

**Translational Research as Science and Art: Characteristics of Effective Prevention Programs**

John G. Borkowski<sup>1</sup>

Carol E. Akai<sup>2</sup>

Leann E. Smith<sup>3</sup>

<sup>1</sup>University of Notre Dame

<sup>2</sup>Connecticut College

<sup>3</sup>University of Wisconsin-Madison

**“My Baby and Me”: A Comprehensive, Theory-Driven Parent Training Program**

Steven Warren<sup>1</sup>

Judith Carta<sup>1</sup>

Kathleen Baggett<sup>1</sup>

Susan Landry<sup>2</sup>

Cathy Guttentag<sup>2</sup>

Sharon Ramey<sup>3</sup>

Robin Lanzl<sup>3</sup>

Bette Keltner<sup>3</sup>

Christine Noria<sup>4</sup>

John G. Borkowski<sup>4</sup>

<sup>1</sup>University of Kansas

<sup>2</sup>University of Texas Health Sciences Center at Houston

<sup>3</sup>Georgetown University

<sup>4</sup>University of Notre Dame

**Increasing Engagement in Parenting Interventions Through the Use of Cell Phones**

Jennifer Burke Lefever<sup>1</sup>

Judith Carta<sup>2</sup>

Kathryn Bigelow<sup>2</sup>

Steve Warren<sup>2</sup>

Shannon R. Self-Brown<sup>3</sup>

Jeanne Mattei<sup>1</sup>

John G. Borkowski<sup>1</sup>

<sup>1</sup>University of Notre Dame

<sup>2</sup>University of Kansas

<sup>3</sup>Centers for Disease Control and Prevention

**“Happy Couples-Happy Kids”: Improving Interpersonal Communication and Reducing Marital Conflict**

W. Brad Faircloth<sup>1</sup>

E. Mark Cummings<sup>2</sup>

<sup>1</sup>J. Iverson Riddle Developmental Center, Morganton, North Carolina

<sup>2</sup>University of Notre Dame

### • SYMPOSIUM 3 – Coronet

**Exploring Resilience in Children with Early Developmental Delays**

**Chair:** Keith A. Crnic, Arizona State University

**Discussant:** Laraine M. Glidden,

Saint Mary's College of Maryland

**High-Quality Parenting as a Protective Factor for Resilient Outcomes in Children at Risk**

Emily D. Gerstein  
Matthew M. Stevenson  
Anita Pedersen y Arbona  
Arizona State University

**Resilience among Children with and without Developmental Delays: The Role of Parental Optimism**

Emilie Paczkowski  
Bruce L. Baker  
University of California at Los Angeles

**Patterns of Resilient Emotion Regulation in Young Children: How Regulation Strategies Relate to Social Competence Under Conditions of Developmental Risk**

Anita Pedersen y Arbona  
Emily D. Gerstein  
Ehri Ryu  
Arizona State University

**Longitudinal Trajectories of Child Psychopathology among Children with and without Intellectual Disability: The Moderating Role of Parenting**

Cameron L. Neece  
Bruce L. Baker  
University of California at Los Angeles

■ 10:30 – 10:45 A.M.

• **OPENING REMARKS–**

**VERSAILLES BALLROOM**

**Marsha Mailick Seltzer, PhD & Len Abbeduto, PhD**

Gatlinburg Conference, co-chairs  
Waisman Center, University of Wisconsin-Madison

■ 10:45 A.M. – 12:15 P.M.

• **PLENARY SESSION–**

**VERSAILLES BALLROOM**

**"Developmental Approaches to Intervention for Young Children with Autism Spectrum Disorders: What is the Research Evidence?"**

**Amy Wetherby, PhD**

Laurel Schendel Professor in the Department of Communication Disorders at Florida State University

■ 2:00 P.M. – 3:30 P.M.

• **SYMPOSIUM 4 – Embassy**

**Parenting Processes Observed in Multiple Contexts**

Chair: Jan Blacher, University of California, Riverside

**Development Delay, Child Emotionality and Parenting as Predictors of Self Regulation and Behavior Problems in Preschoolers**

Shannon K. Bekman  
Keith Crnic  
Arizona State University

**Syndrome Specificity and Mother-Child Interactions: Examining Positive and Negative Parenting across Multiple Contexts and Time**

Araksia Kaladjian  
Jan Blacher  
University of California, Riverside

**Family Discourse and Social Cognition in Children with and without Developmental Delays**

Rachel M. Fenning<sup>1</sup>  
Jason K. Baker<sup>2</sup>  
<sup>1</sup>University of California, Los Angeles  
<sup>2</sup>University of South Florida, St. Petersburg

**Thinking About Feelings: Parental Cognition and Emotion-Socialization Behaviors in Families of Children with and without Early Developmental Risk**

Jason K. Baker<sup>1</sup>  
Rachel M. Fenning<sup>2</sup>  
<sup>1</sup>University of South Florida, St. Petersburg  
<sup>2</sup>University of California, Los Angeles

• **SYMPOSIUM 5 – Ambassador**

**Williams Syndrome: Brain Processing, Anxiety and Social Vulnerability**

Chair: Elisabeth M. Dykens, Vanderbilt Kennedy Center for Research on Human Development

**Evidence of Global Precedence in Young Adults with Williams Syndrome**

Sasha Key  
Susan Williams  
Elisabeth M. Dykens  
Vanderbilt Kennedy Center for Research on Human Development, Departments of Speech and Hearing Sciences, Psychology and Human Development, Vanderbilt University

# 2008 Gatlinburg Conference

# W E D N E S D A Y

## March 26, 2008

### **Relations between Maternal and Offspring Anxiety in Adults with Williams Syndrome**

Elizabeth Roof  
Rebecca Kossler  
Marisa Fisher  
Tara Lerner  
Elisabeth M. Dykens  
Vanderbilt Kennedy Center

### **fMRI Responses to Emotionally Charged Images and Faces in Williams Syndrome**

Tricia A. Thornton-Wells  
Chris Cannistraci  
Mariam Eapen  
John C. Gore  
Elisabeth M. Dykens  
Vanderbilt Kennedy Center for Research on Human Development, Vanderbilt University Institute of Imaging Science

### **Risk of Social Exploitation in Young Adults with Williams Syndrome**

Marisa H. Fisher  
Robert M. Hodapp  
Vanderbilt Kennedy Center for Research on Human Development, Department of Special Education, Vanderbilt University

### **• SYMPOSIUM 6 – Coronet**

#### ***Studying Psychosocial Interventions Targeting Anxiety Reduction in Children with Autism Spectrum Disorders***

**Chair:** Susan Hepburn, University of Colorado at Denver and Health Sciences, Department of Psychiatry, JFK Partners

**Discussant:** Connie Kasari, UCLA

### **Family-Focused, Cognitive-Behavioral Group Therapy for Children with High-Functioning Autism Spectrum Disorders and their Parents**

Judy Reaven  
University of Colorado at Denver and Health Sciences

### **Cognitive-Behavioral Group Therapy for Adolescents with High Functioning Autism Spectrum Disorders**

Audrey Blakeley-Smith  
University of Colorado at Denver and Health Sciences

### **Implementation Challenges of Psychosocial Intervention Studies for Dually-Diagnosed Children**

### **and their Families: Measuring Treatment Adherence and Other Process Variables**

Susan Hepburn  
University of Colorado at Denver and Health Sciences

■ **3:45 P.M. – 5:15 P.M.**

• **PLENARY SESSION–**

**VERSAILLES BALLROOM**

**NIH Workshop: “Navigating the NIH”**

■ **5:30 P.M. – 7:30 P.M.**

• **POSTER SESSION 1– Riviera Room & Terrace**

### **1. Impact of Supplemental Melatonin on Sleep in Children with Autism Spectrum Disorders**

Karen Adkins  
Susan McGrew  
Suzanne Goldman  
Hannah Reed  
Beth Malow  
Vanderbilt Kennedy Center Treatment & Research Institute for Autism Spectrum Disorders, National Alliance for Autism Research/Autism Speaks, Vanderbilt University General Clinical Research Center

### **2. Influences on Language Development for Young Children Prenatally Exposed to Tobacco**

R. Michael Barker<sup>1</sup>  
MaryAnn Romski<sup>1</sup>  
Roger Bakeman<sup>1</sup>  
Julie Kable<sup>2</sup>  
Claire Coles<sup>2</sup>  
<sup>1</sup>Georgia State University  
<sup>2</sup>Emory University

### **3. Nightly Sleep Architecture is Related to Frequency of Daytime Maladaptive Behaviors in Individuals with Developmental Disabilities**

Shervin Bazmi<sup>1</sup>  
Mohammed Lenjavi<sup>1</sup>  
Aaron Kemp<sup>1</sup>  
Paul Touchette<sup>2</sup>  
Curt Sandman<sup>1</sup>  
<sup>1</sup>Department of Psychiatry & Human Behavior  
University of California, Irvine  
<sup>2</sup>Department of Pediatrics  
University of California, Irvine

**4. Improving Maternal Responsivity to Children with FXS: Results from a Pilot Study**

Nancy C. Brady  
Audra Sterling  
Steven F. Warren  
University of Kansas

**5. The Influences on Mothers' Perception of Child Behavior in Developmentally Delayed and Typically Developing Children**

Lucia Ciciolla  
Rebecca Newland  
Keith Crnic  
Arizona State University

**6. Caregiver-Child Interactions and HPA-Axis Activity in Home Life: A Pilot Targeted for Use with Children Residing in Foster Care**

Lisa A. Daunhauer  
Colorado State University

**7. A Behavioral Interpretative Analysis of Gaze Shift in Joint Attention Initiation: Testing Discriminative and Reinforcing Stimulus Functions**

William V. Dube<sup>1</sup>  
Rebecca P. F. MacDonald<sup>2</sup>  
Emily E. Wheeler<sup>1</sup>  
William H. Ahearn<sup>2</sup>  
<sup>1</sup>UMMS Shriver Center  
<sup>2</sup>New England Center for Children

**8. Language Patterns in Later-Born Siblings of Children with ASD**

Jennifer H. Foss-Feig  
Allison S. Nahmias  
Elizabeth E. Malesa  
Wendy L. Stone  
Vanderbilt University, Psychology and Human Development,  
& Vanderbilt Kennedy Center

**9. Predictions of Friendship Quality in Children with Autism**

Stephanny Freeman  
Tanya Paparella  
Department of Child Psychiatry, UCLA

**10. Sensory Processing Patterns in Relation to Social Communicative Skills in Young Children with Autism**

Elena Gay  
Linda R. Watson  
Grace T. Baranek  
Michele Poe  
Brian Boyd

Heather Miller  
University of North Carolina at Chapel Hill

**11. Masking of Disappointment in Children with Autism**

Tracy Guiou<sup>1</sup>  
Erin Rotheram-Fuller<sup>2</sup>  
Stephanny Freeman<sup>1</sup>  
<sup>1</sup>University of California, Los Angeles  
<sup>2</sup>Temple University

**12. Interpersonal Processes of Depression among Adults with Mild Intellectual Disability**

Sigan L. Hartley  
Athena Hayes Lickel  
William E. MacLean, Jr.  
University of Wyoming

**13. Specificity and Sensitivity of Statewide Birth and Hospitalization Databases for Identifying Infants with Down sSyndrome**

Robert M. Hodapp  
Richard C. Urbano  
Vanderbilt Kennedy Center

**14. Joint Attention Revisited: Examining Heterogeneity among Children with Autism**

Sarah Hurwitz  
University of North Carolina at Chapel Hill

**15. Increasing Spontaneous Imitation in Toddlers with Autism Spectrum Disorders**

Eric H. Ishijima  
Amanda Gulsrud  
University of California, Los Angeles

**16. Evidence-Based Modeling Practices for Individuals with Autism: A Meta-Analysis of Single-Subject Design Research**

Hyo Jung Koh  
University of California, Los Angeles  
California State University, Los Angeles

**17. Looking Patterns Following Positive and Negative Social Messages: A Comparison between Siblings of Children with Autism and Siblings of Children Who are Typically Developing**

Kathy Lawton<sup>1</sup>  
Tedra Walden<sup>2</sup>  
<sup>1</sup>University of California, Los Angeles  
<sup>2</sup>Vanderbilt University

March 26, 2008

**18. The Influence of Treatment Alliance on Caregiver-Child Engagement during Early Intervention with Young Children with Autism**

Jill Locke  
Susan Kwon  
Connie Wong  
University of California, Los Angeles

**19. High-Functioning Students with Autism in Spectrum Program: Academic vs. Social Expectations**

Tran M. Ly  
University of California, Los Angeles

**20. Computer-based Assessment of Memory Functions of Persons with Severe Intellectual Disabilities via the Delayed Recognition Span Test: Illustrative Data and a New Method for Establishing Baseline Performances**

William J. McIlvane  
Aranya A. Albert  
William V. Dube  
University of Massachusetts Medical School - Shriver Center

**21. Adherence to Behavioral and Medical Treatment Recommendations by Parents of Children with Autism Spectrum Disorders**

Tim Moore  
Frank J. Symons  
University of Minnesota

**22. Organization of Natural Eye Blinks in Stereotypic Movement Disorders**

Mei-Hua Lee<sup>1</sup>  
James W. Bodfish<sup>2</sup>  
Karl M. Newell<sup>1</sup>  
<sup>1</sup>The Pennsylvania State University  
<sup>2</sup>University of North Carolina at Chapel-Hill

**23. Children's School Success: Fidelity, Dosage, and Child Outcome**

Samuel L. Odom  
University of North Carolina at Chapel Hill and Children's School Success Research Group  
FPG Child Development Institute, University of North Carolina

**24. Impact of Intellectual Disability on Adaptive Functioning in Autism and ADHD**

Deborah A. Pearson  
Katherine A. Loveland

Cynthia W. Santos  
David M. Lane  
Rosleen Mansour  
Meena Khowaja  
Perry I. Factor  
Lynne A. Cleveland  
Department of Psychiatry & Behavioral Sciences;  
University of Texas Medical School at Houston

**25. Comorbidity of Autism in Children with Down Syndrome: Implications for Education and Intervention**

Corry Robinson  
Susan Hepburn  
Amy Philofsky  
Deborah Fidler  
Carolyn DiGuiseppe  
Lisa Miller  
University of Colorado Health Sciences Center,  
Colorado State University  
Colorado Department of Public Health

**26. Discriminability of Different Concurrently Available Reward Contingencies in Children with Moderate and Severe Intellectual Disabilities: Unexpected Findings**

Richard W. Serna<sup>1</sup>  
G. Brooks Thompson<sup>1</sup>  
B. Max Jones<sup>1</sup>  
William V. Dube<sup>1</sup>  
William J. McIlvane<sup>1</sup>  
<sup>1</sup>University of Massachusetts Medical School,  
Shriver Center

**27. The Effects of a Home-Based Intervention for Young Children with Intellectual Disabilities in Vietnam**

Jin Y. Shin<sup>1</sup>  
Nguyen Vet Nhan<sup>2</sup>  
<sup>1</sup>Department of Psychology, Hofstra University  
<sup>2</sup>Office of Genetic Counseling and Disabled Children, Hue Medical College, Hue, Vietnam

**28. The Effects of Relationship Focused Intervention on Korean Parents and Their Young Children with Disabilities**

Jeong Mee Kim<sup>1</sup>  
Gerald Mahoney<sup>2</sup>  
<sup>1</sup> Seoul Rehabilitation Center for the Mentally Retarded, Chung-Ang University, South Korea  
<sup>2</sup> Mandel School of Applied Social Sciences,  
Case Western Reserve University

*Poster Session 1 continued on next page*

**29. Examining Parent Stress and Parent Perception of Language Development Over Time in Children who are Non-Speaking as Toddlers**

Ashlyn L. Smith  
Rose A. Sevcik  
Georgia State University

**30. Emergence of Joint Attention Skills During an Intervention for Young Children with Autism**

Kelly Stickles  
Tanya Paparella  
University of California, Los Angeles

**31. Social, Emotional, and Cognitive Features Associated with Agenesis of Corpus Callosum**

Shihfen Tu<sup>1</sup>  
Gary Schilmoeller<sup>1</sup>  
Kathy Schilmoeller<sup>1</sup>  
Donna Doherty<sup>1</sup>  
Paul Moes<sup>2</sup>  
<sup>1</sup>University of Maine  
<sup>2</sup>Calvin College

**32. Length of Day Correlates with Frequency of Maladaptive Behaviors and Sleep Efficiency in the Developmentally Disabled**

Van Nguyen<sup>1</sup>  
Graciela Perez<sup>1</sup>  
Mohammed Lenjavi<sup>1</sup>  
Paul Touchette<sup>2</sup>  
Curt Sandman<sup>1</sup>  
<sup>1</sup>Department of Psychiatry and Human Behavior,  
University of California, Irvine  
<sup>2</sup>Department of Pediatrics, University of California, Irvine

**33. The Role of Spousal Support in Child Behavior Problems: Differences Among Children With and Without Developmental Delay**

Natalie Wieland  
Cameron L. Neece  
Bruce L. Baker  
Department of Psychology,  
University of California, Los Angeles

**34. Relations between Menstruation, Sleep and Maladaptive Behaviors in Individuals with Developmental Disabilities**

Iman Hadaya<sup>1</sup>  
Mohammed Lenjavi<sup>1</sup>  
Paul Touchette<sup>2</sup>  
Curt Sandman<sup>1</sup>  
Departments of <sup>1</sup>Psychiatry and Human Behavior, and  
<sup>2</sup>Pediatrics, University of California, Irvine

# 2008 Gatlinburg Conference

# T H U R S D A Y

## March 27, 2008

■ 8:45 A.M. – 10:15 A.M.

• **SYMPOSIUM 7 – Embassy**

***Siblings of Individuals with Intellectual Disabilities: Relationships, Life Choices and Caregiving***

**Chair:** Ann Kaiser, Vanderbilt University

**Exploration of Siblings' Explanatory Models of Autism**

Faye Carter

University of California, Los Angeles

**Lives in Transition: Young Adult Siblings of Individuals with Disabilities**

Ann P. Kaiser

Ann B. Morse

Vanderbilt University

**Adult Siblings of Individuals with Intellectual Disabilities or Mental Illness: Differential Life Course Outcomes**

Julie J. Lounds<sup>1</sup>

Jan S. Greenberg<sup>1</sup>

Marsha Mailick Seltzer<sup>1</sup>

Frank J. Floyd<sup>2</sup>

<sup>1</sup>University of Wisconsin-Madison

<sup>2</sup>Georgia State University

**“This One Will Do It”: Longitudinal Predictions of Adult Sibling Caretaking**

Laraine M. Glidden<sup>1,2</sup>

April M. Corrice<sup>2</sup>

Angela L. Natcher<sup>2</sup>

<sup>1</sup>Georgetown University

<sup>2</sup>St. Mary's College of Maryland

• **SYMPOSIUM 8 – Ambassador**

***Autism across the Lifespan***

**Chair:** Marsha Mailick Seltzer, Waisman Center, University of Wisconsin – Madison

**Discussant:** Michael G. Aman, Nisonger Center, The Ohio State University

**Differences in Restricted Repetitive Behaviors in Autism Spectrum Disorders over the Lifespan**

Anna J. Esbensen<sup>1</sup>

Marsha Mailick Seltzer<sup>1</sup>

Kristen S.L. Lam<sup>2</sup>

James W. Bodfish<sup>2</sup>

<sup>1</sup>Waisman Center, University of Wisconsin – Madison

<sup>2</sup>Neurodevelopmental Disorders Research Center, UNC-Chapel Hill

**Symptoms and Behavior Problems of Adolescents and Adults with Autism: Bidirectional Effects of Mother-Child Relationship Quality, Warmth, and Praise**

Leann E. Smith

Jan S. Greenberg

Marsha Mailick Seltzer

Jinkuk Hong

Waisman Center, University of Wisconsin – Madison

**Social Phenotype of Adolescents and Adults with Autism Spectrum Disorders**

Somer L. Bishop

Marsha Mailick Seltzer

Jan S. Greenberg

Waisman Center, University of Wisconsin – Madison

• **SYMPOSIUM 9 – Coronet**

***Socio-Economic Position and Family Well-Being***

**Chair:** Eric Emerson, Institute for Health Research, Lancaster University, UK

**Discussant:** Laraine M. Glidden, St. Mary's College of Maryland

**Socioeconomic and Psychological Variables as Risk and Protective Factors for Parental Well-Being in Families of Children with ID**

Malin B. Olsson

Göteborg University, Sweden

**The Mental Health of British and Australian Mothers and Fathers of Young Children with Intellectual Disabilities**

Eric Emerson<sup>1,2</sup>

Gwynnyth Llewellyn<sup>2</sup>

Andrew McCulloch<sup>1</sup>

Chris Hatton<sup>1</sup>

Jan Blacher<sup>3</sup>

Hilary Graham<sup>4</sup>

<sup>1</sup>Lancaster University, UK

<sup>2</sup>University of Sydney, Australia

<sup>3</sup>University of California at Riverside, USA

<sup>4</sup>University of York, UK

**The Role of Socio-Economic Status in Predicting Sibling Impact**

Jan Blacher<sup>1</sup>

Cameron L. Neece<sup>2</sup>

Bruce L. Baker<sup>2</sup>

<sup>1</sup>University of California, Riverside

<sup>2</sup>University of California, Los Angeles

■ **10:30 A.M. – 12:00 P.M.**

• **PLENARY SESSION-**

**VERSAILLES BALLROOM**

**"Behavioral Interventions to Enhance the Peer-Related Social Competence of Young Children with Mild Intellectual Delays"**

**Michael Guralnick, PhD**

*Director of the Center on Human Development and Disability and professor of psychology and pediatrics at the University of Washington*

■ **1:30 P.M. – 3:00 P.M.**

• **PLENARY SESSION-**

**VERSAILLES BALLROOM**

**"Bringing Interventions to Scale: The Role of Large Multisite Clinical Trials in Advancing Treatment Research"**

**John Walkup, MD**

*Associate professor in the Department of Psychiatry and Behavioral Sciences at The Johns Hopkins University School of Medicine*

■ **3:00 P.M.– 5:30 P.M.**

• **PAPER SESSION 1 – Embassy**

**AUTISM AND BEHAVIORS**

**Determining Relationships between Perseveration Categories, Joint Attention and Intervention in Children with Autism**

Tina Arora <sup>1,2</sup>

<sup>1</sup>University of California, Los Angeles

<sup>2</sup>California State University, Los Angeles

**Child, Parent, & Family Predictors of Latter Psychosocial Adjustment Among the Siblings of Children with Autism**

Paul R. Benson

Center for Social Development and Education, University of Massachusetts, Boston

**Developing a Scale for Aggression: The C-SHARP**

Cristan A. Farmer

Michael G. Aman

The Nisonger Center, Ohio State University

**Telemetric Assessment of Movement Stereotypy in Children with Autism Spectrum Disorder**

Matthew Goodwin<sup>1</sup>

June Groden<sup>1</sup>

Stephen Intille<sup>2</sup>

Wayne Velicer<sup>3</sup>

Ted Walls<sup>3</sup>

<sup>1</sup>The Groden Center, Inc., Providence, Rhode Island

<sup>2</sup>Massachusetts Institute of Technology, Cambridge

<sup>3</sup>University of Rhode Island

**The Co-Regulation of Emotions between Mothers and their Toddlers with Autism**

Amanda Gulsrud<sup>1</sup>

Laudan Jahromi<sup>2</sup>

Connie Kasari<sup>1</sup>

<sup>1</sup>University of California, Los Angeles

<sup>2</sup>Arizona State University

**A Sleep Habits Questionnaire for Children with Autism Spectrum Disorders**

L. Henderson

C. Crowe

W. Stone

S. McGrew

BA Malow

Vanderbilt Kennedy Center at Vanderbilt University

**Development of an Interpersonal Aggression Scale for People with Intellectual/Developmental Disability**

Scott T. Matlock

Michael G. Aman

Nisonger Center, The Ohio State University

• **PAPER SESSION 2 – Ambassador**

**INTERVENTIONS**

**Positive Effects of Methylphenidate on Social Communication and Self-Regulation in Children with Pervasive Developmental Disorders and Hyperactivity**

Laudan B. Jahromi<sup>1</sup>

James T. McCracken<sup>2</sup>

Lisa S-Y Lee<sup>2</sup>

RUPP Autism Network

<sup>1</sup>Arizona State University

<sup>2</sup>University of California, Los Angeles

# 2008 Gatlinburg Conference

# T H U R S D A Y

## March 27, 2008

### **Improvement in Memory and Behavior in an Open-Label Study of Donepezil in Fragile X Syndrome**

Amy A. Lightbody

Allan L. Reiss

Center for Interdisciplinary Brain Sciences Research  
Stanford University, Department of Psychiatry and Behavioral Sciences

### **How Relationship Focused Early Intervention Promotes Development**

Gerald Mahoney

<sup>1</sup>Mandel School of Applied Social Sciences,  
Case Western Reserve University

### **In-Depth Analysis of a Statewide Early Intervention Tracking System: Child-Focused Statements and Developmental Outcomes**

Zolinda Stoneman

Mary Rugg

Institute on Human Development and Disability - UCEDD,  
University of Georgia

### **Changes in Articulation in Children with Down's Syndrome Following EPG Therapy**

Sara Wood<sup>1</sup>

Jennifer Wishart<sup>2</sup>

Joanne McCann<sup>1</sup>

Claire Timmins<sup>1</sup>

Bill Hardcastle<sup>1</sup>

<sup>1</sup>Queen Margaret University, Edinburgh

<sup>2</sup>University of Edinburgh

### **Application of Scientific Criteria for Judging the Developmental Importance of Outcomes of Treatment**

Paul J. Yoder

Rebecca Lieberman

Vanderbilt University

### **Family-Focused Early Intervention – Where is the Family Focus? Analysis of a Statewide Early Intervention Tracking System**

Mary Rugg

Zolinda Stoneman

Institute on Human Development and Disability - UCEDD,  
University of Georgia

### **• PAPER SESSION 3 – Coronet**

### **FAMILIES, BRAIN BASES OF BEHAVIOR, AND CHALLENGING BEHAVIOR**

### **Understanding Subthreshold Neglect as a Mechanism for the Prevention of Developmental Delays During Infancy**

Carol E. Akai

The Centers for the Prevention of Child Neglect,  
Connecticut College

### **Predicting Sibling Warmth in Families of Adolescents with Developmental Disabilities**

Joanne Kersh

Center for Social Development and Education, University of  
Massachusetts, Boston

### **Interaction–It Depends: A Comparative Study of Ten Children with Intellectual Disability and Ten Typically Developed Children in Preschool**

Agneta Luttrupp

Mälardalen University, Sweden

### **Sensitivity of the Aberrant Behavior Checklist (ABC) to Behavioral Treatment of Severe Behavior Problems in Children with Developmental Disabilities**

Theodosia R. Paclawskyj

Danielle L. Gureghian

Heather O. Wright

Kennedy Krieger Institute

The Johns Hopkins University School of Medicine

### **Neural Processing During Action Observation and Action Execution in Down Syndrome**

Naznin Virji-Babul<sup>1,2</sup>

Alexander Moiseev<sup>1</sup>

Teresa Cheung<sup>1,2</sup>

Daniel Weeks<sup>2</sup>

Douglas Cheyne<sup>3</sup>

<sup>1</sup>Down Syndrome Research Foundation, Burnaby B.C.

<sup>2</sup>Simon Fraser University, Burnaby, B.C.

<sup>3</sup>Hospital for Sick Children, Toronto, Canada

### **Family Needs, Parental Stress and Coping Strategies in Chinese Parents of Young Children with Developmental Disabilities**

Peishi Wang

Queens College, City University of New York

### **Psychological Well-being and Coping in Fathers of Youth with Autism, Down Syndrome, or Fragile X Syndrome**

Lara S. Head

Leonard Abbeduto

Marsha Mailick Seltzer

Waisman Center, University of Wisconsin-Madison

■ 6:00 P.M. – 8:00 P.M.

• **POSTER SESSION 2—**  
**RIVIERA ROOM AND TERRACE**

**1. Parent Reports of Sensory Experiences of Children With and Without Autism: A Qualitative Study**

G.T. Baranek  
V. Dickie  
B. Schultz  
L.R. Watson  
H. Miller  
J. Lorenzi  
J. Murphy  
M. Bagby

University of North Carolina at Chapel Hill

**2. Enhancing Cognitive-Emotional Skills for Children with Developmental Disabilities through Computer-Based Training**

Ingrid M. Hopkins  
Margaret J. Bates  
Shana B. Crowson  
Rebekah K. Pearson  
Fred J. Biasini

University of Alabama at Birmingham

**3. Sensory Features and Repetitive Behaviors in Autism: Use of Astructural Equation Model**

Brian A. Boyd<sup>1</sup>  
Grace T. Baranek<sup>2</sup>  
M.Poe<sup>1</sup>  
J. Sideris<sup>1</sup>

Linda R. Watson<sup>2</sup>  
E. Gay<sup>2</sup>

<sup>1</sup>FPG Child Development Institute

<sup>2</sup>Department of Allied Health Sciences, University of North Carolina at Chapel Hill

**4. Discovering Self-Help Group Roles Most Helpful to Adults with Autism and Their Families**

Irene Carter

University of Windsor, Ontario

**5. Play and Developmental Outcomes in Infant Siblings of Children with Autism**

Lisa Christensen  
Agata Roza  
Lovella Gomez  
Marian Sigman

Department of Psychology-Clinical Area,  
University of California at Los Angeles

**6. A Comparison of Nonverbal Pain Expression between Social and Nonsocial SIB Cases During a Sensory Testing Protocol**

Stacy Danov<sup>1</sup>  
James W. Bodfish<sup>2,3</sup>  
Frank J. Symons<sup>1</sup>

<sup>1</sup>University of Minnesota, Minneapolis

<sup>2</sup>UNC-Human Development Research Institute

<sup>3</sup>Riddle Developmental Center

**7. Neural Mechanisms of Overeating in Prader-Willi Syndrome**

A. Dimitropoulos<sup>1</sup>  
J. Tkach<sup>2,3</sup>

<sup>1</sup>Department of Psychology, Case Western Reserve University

<sup>2</sup>Department of Radiology, Case Western Reserve University

<sup>3</sup>Case Center for Imaging Research, Case Western Reserve University

**8. Explicit vs. Implicit Language Intervention for Early Elementary School Children with Language Impairment**

Lizbeth H. Finestack<sup>1</sup>  
Marc E. Fey<sup>2</sup>

<sup>1</sup>Waisman Center, University of Wisconsin-Madison

<sup>2</sup>The University of Kansas Medical Center

**9. Marital Quality and SES Moderate the Relationship between Behavior Problems and Depression for Parents of Children with Developmental Delays**

Becky Fraynt  
Department of Psychology,  
University of California, Los Angeles

**10. Social Acceptance of Children with and without Intellectual Disabilities: The Influence of Behavior Problems and Social Skills**

Cori Fujii  
Cameron L. Neece  
University of California, Los Angeles

**11. Examining the Diagnostic History of Children with Autism Spectrum Disorders**

Vanessa Gonzalez  
Marygrace Y. Kaiser  
University of Miami

**12. Prevalence of Developmental Delays and Access to Developmental Services for Young Children**

Steven A. Rosenberg<sup>1</sup>  
Duan Zhang<sup>2</sup>  
Cordelia C. Robinson<sup>3</sup>

# 2008 Gatlinburg Conference

# T H U R S D A Y

## March 27, 2008

<sup>1</sup>Department of Psychiatry, University of Colorado at Denver and Health Sciences Center

<sup>2</sup>College of Education, University of Denver

<sup>3</sup>JFK Partners, University of Colorado at Denver and Health Sciences Center

### **13. Arousal and Activity Choice: An Autonomic and Behavioral Analysis**

John Hoch

Tim Moore

Jennifer McComas

Frank J. Symons

University of Minnesota, Twin Cities

### **14. Children's Developmental Delay and Parental Relationship Quality in Fragile Families**

Kimberly S. Howard

Jeanne Brooks-Gunn

Teachers College, Columbia University

### **15. Playground Peer Engagement in Elementary-School Aged Children with Autism**

Linh (Nancy) Huynh

Jill Locke

University of California, Los Angeles

### **16. Children with Severe Developmental Disabilities and Behavioral Disorders Have Increased Special Health Care Needs**

Craig H. Kennedy <sup>1,2,3</sup>

A. Pablo Juárez <sup>1,2</sup>

Angela Becker <sup>1,4</sup>

Kathryn Greenslade <sup>1,2</sup>

Mark T. Harvey <sup>1,2</sup>

Clare Sullivan <sup>1,4</sup>

Brenna Tally <sup>1,2</sup>

<sup>1</sup>Vanderbilt Kennedy Center, Vanderbilt University,

<sup>2</sup>Department of Special Education, Vanderbilt University,

<sup>3</sup>Department of Pediatrics, Vanderbilt University Medical Center

<sup>4</sup>School of Nursing, Vanderbilt University Medical Center

### **17. Effects of Sampling Context and Examiner Behavior on Expressive Language in Adolescents with Fragile X or Down Syndrome**

S. T. Kover

L. Abbeduto

S. Schroeder

N. D. Giles

E. K. Richmond

Waisman Center, University of Wisconsin-Madison

### **18. Friendship Quality and Feelings of Loneliness in Children with Autism and Their Friends**

Lisa S. Lee

Erin Rotheram-Fuller

Brandt Chamberlain

University of California, Los Angeles

### **19. Exploration of Perceptions, Attributions, and Expectations Held about Children with Developmental Disabilities**

Kristina Lopez

University of Michigan

### **20. Predicting Language in Younger Siblings of Children with Autism Spectrum Disorder**

Elizabeth E. Malesa

Caitlin R. McMahon

Jennifer H. Foss-Feig

Tedra A. Walden

Paul J. Yoder

Wendy L. Stone

Vanderbilt University, Vanderbilt Kennedy Center

### **21. Matching Designs in Cognitive Research in Intellectual and Developmental Disabilities**

Marie S. Moore

Megan J. Benson

Frances A. Conners

Edward C. Merrill

University of Alabama

### **22. Perceptions of Body Image by Persons with Prader-Willi Syndrome and their Parents**

Deborah A. Napolitano<sup>1</sup>

Jennifer R. Zarcone<sup>1</sup>

Sarah Nielsen<sup>2</sup>

Hongyue Wang<sup>1</sup>

<sup>1</sup>University of Rochester Medical Center

<sup>2</sup>Lehigh University

### **23. Get the Lead Out: Preventing Developmental Delay in America's Youth**

Jody Nicholson

John Borkowski

University of Notre Dame

### **24. Social Skills, Peer Acceptance, and Loneliness of Adolescents with Disabilities in Inclusive Classrooms**

Helena Pan

Penny Hauser-Cram

Boston College

**25. Evaluating Reading Interventions for Students with Mild Intellectual Disabilities**

Rose A. Sevcik  
Justin C. Wise  
Robin D. Morris  
Georgia State University

**26. The Effects of Peer Support Intervention Strategy on the Social and Academic Outcomes of Adolescents with Severe Disabilities**

Lynn G. Sisco  
Erik W. Carter  
Waisman Center, University of Wisconsin – Madison

**27. Sibling Use of Responsive Interaction Strategies Across Settings**

Alacia Trent Stainbrook  
Vanderbilt University

**28. Using Analogue Functional Analysis to Evaluate Effects of Psychotropic Drug Changes on Problem Behavior in Two Individuals Diagnosed with Autism**

Maria G. Valdovinos  
Samantha M. Nelson  
Drake University

**29. Jewish-Based Preschool Teachers' Views and Perceptions of Inclusion**

Frances Victory,  
CUNY Graduate Center

**30. Early Identification and Treatment of Autism: An Examination of Health Disparities**

Leah K. Wildenger  
Aila Dommestrup  
Laura Lee McIntyre  
Syracuse University

**31. Behavioral Intervention Practices in Special Education Day School Settings**

Kate Edwards  
UCLA Graduate School of Education

# 2008 Gatlinburg Conference

# F R I D A Y

March 28, 2008

■ 8:45 A.M. – 10:15 A.M.

• **SYMPOSIUM 10 – Embassy**

***Educational and Occupational Aspirations and Achievement: A Family Focus***

**Chair:** Frank Floyd, Georgia State University

**Discussant:** Keith Crnic, Arizona State University

**Parenting with Mild Intellectual Deficits: Educational Aspirations, Expectations, and Achievements of Their Children**

Heather L. Doescher

Marsha Mailick Seltzer

Jan Greenberg

Waisman Center, University of Wisconsin-Madison

**Occupational Aspirations in High School and Occupational Achievement in Midlife for Individuals with Mild Intellectual Deficits**

Vivian E. Piazza

Kara Snead

Frank J. Floyd

Georgia State University

**The Effects of Raising a Child with a Developmental Disability on Parents' Career Aspirations and Achievement: Differential Effects by Gender**

Shana Strickland

Frank J. Floyd

Georgia State University

• **SYMPOSIUM 11 – Ambassador**

***Family Adaptation to Fragile X Syndrome: Lessons Learned from Longitudinal Analyses***

**Chair:** Don Bailey, RTI International

**Stability and Change in Support and Maternal Adaptation to Fragile X**

Don Bailey

RTI International

**Temperament and Behavior in Children with FXS: Stability and Change**

Deborah Hatton

John Sideris

University of North Carolina at Chapel Hill

**Longitudinal Analyses of Mood and Anxiety Disorders in Mothers with the Fragile X Premutation**

Jane Roberts

Don Bailey

University of North Carolina at Chapel Hill

**Maternal Responsivity Predicts Communication Development in Children with Fragile X Syndrome**

Steve Warren

Nancy Brady

Audra Sterling

Kandace Fleming

University of Kansas

• **SYMPOSIUM 12 – Coronet**

***Down Syndrome and Alzheimer's Disease: Progression of Dementia and Opportunities for Treatment***

**Chair:** Wayne Silverman, Kennedy Krieger Institute and Johns Hopkins University School of Medicine

**Estrogen and Alzheimer's Disease in Women with Down Syndrome: Implications for Treatment**

Nicole Schupf<sup>1</sup>

Constance Chace<sup>1</sup>

Deborah Pang<sup>2</sup>

Joseph H. Lee<sup>1</sup>

Michelle Wei<sup>1</sup>

Rong Cheng<sup>1</sup>

Warren B. Zigman<sup>2</sup>

Wayne Silverman<sup>3</sup>

Benjamin Tycko<sup>1</sup>

<sup>1</sup>Columbia University Medical Center

<sup>2</sup>NYS Institute for Basic Research in Developmental Disabilities

<sup>3</sup>Kennedy Krieger Institute and Johns Hopkins School of Medicine

**Identifying Mild Cognitive Impairment (MCI) in Adults with Down Syndrome**

Sharon J. Krinsky-McHale<sup>1</sup>

Darlynne A. Devenny<sup>1</sup>

Wayne Silverman<sup>2</sup>

<sup>1</sup>New York State Institute for Basic Research in Developmental Disabilities

<sup>2</sup>Kennedy Krieger Institute and John Hopkins University School of Medicine

**Changes in Plasma  $\beta$ -amyloid Levels and Dementia Onset in Adults with Down Syndrome**

Warren B. Zigman<sup>1</sup>

Wayne Silverman<sup>2</sup>

Deborah Pang<sup>3</sup>

Pankaj Mehta<sup>1</sup>

Nicole Schupf<sup>1,3</sup>.

<sup>1</sup>NYS Institute for Basic Research in Developmental Disabilities

<sup>2</sup>Kennedy Krieger Institute & Johns Hopkins University School of Medicine

<sup>3</sup>Columbia University College of Physicians and Surgeons

**The Effectiveness of Memantine (Namenda) for Treatment of Dementia in Adults with Down Syndrome**

Wayne Silverman<sup>1</sup>

Warren Zigman<sup>2</sup>

Nicole Schupf<sup>2,3</sup>

Robert Ryan<sup>2</sup>

<sup>1</sup>Kennedy Krieger Institute & Johns Hopkins University School of Medicine

<sup>2</sup>NYS Institute for Basic Research in Developmental Disabilities

<sup>3</sup>Columbia University College of Physicians and Surgeons

■ 10:30 A.M. – 12:00 P.M.

• **PLENARY SESSION-**

**VERSAILLES BALLROOM**

**"Thirty Years of Drug Research: Fun, Frustration, and Future"**

**Michael Aman, PhD**

*Professor of psychology and psychiatry at the Nisonger Center, UCEDD, at the Ohio State University*

■ 12:00 P.M.

• **PLENARY SESSION-**

**VERSAILLES BALLROOM**

**CLOSING REMARKS**

**Marsha Mailick Seltzer, PhD & Len Abbeduto, PhD**

Gatlinburg Conference, co-chairs,

Waisman Center, University of Wisconsin-Madison