



Continuing Education, Inc
UNIVERSITY AT SEA™

Presents

**Autism, ADHD and Developmental Disabilities
through the Lifespan - Biological and
Environmental Perspectives**

12 AMA PRA Category 1 Credits™

12 ACPE Credits

12 MOC (Part II) ABP Points

12 CE Credits for Psychologists

12 ASWB ACE Credits

12.0 Contact Hours

Barcelona, Spain

May 28 - June 04, 2023

with

Raun David Melmed, MD, FAAP

and

I. Leslie Rubin, MD

CONTINUING EDUCATION, INC.

Autism, ADHD and Developmental Disabilities through the Lifespan - Biological and Environmental Perspectives

May 28 - June 04, 2023

Agenda

May 28, 2023	6:30pm – 7:30pm Informal Meet and Greet: Boleros, 5th Floor Families and Guests Invited	
May 29, 2023 Educational Sessions Conference Center, 3rd Floor	Time	Topic
	3:30pm – 4:30pm	Welcome: Course Introduction – Drs. Melmed and Rubin
	4:30pm – 5:30pm	History and Overview of Developmental Disabilities – Dr. Rubin
	5:30pm – 6:30pm	ADHD: An Overview – Dr. Melmed
May 30th, 2023 Educational Sessions Conference Center, 3rd Floor	Time	Topic
	7:30am – 8:30am	ADHD in Adults – Dr. Melmed
May 31st, 2023	No events today	
June 1, 2023	No events today	
June 2, 2023	No events today	
June 3, 2023 Educational Sessions Conference Center, 3rd Floor	Time	Topic
	8:00am – 9:00am	Prematurity and its Consequences – Dr. Rubin
	9:00am – 10:00am	Cerebral Palsy – Dr. Rubin
	10:00am – 11:00am	Autism I – Dr. Melmed
	11:00am – 12 Noon	Autism II – Dr. Melmed
	12 Noon – 1:00pm	Lunch on your own
	1:00pm - 2:00pm	Children's Environmental Health – Dr. Rubin
	2:00pm – 3:00pm	Children's Environmental Health Disparities – Dr. Rubin
	3:00pm – 4:00pm	Anxiety in Pediatrics – Dr. Melmed
	4:00pm – 5:00pm	Cases and presentations – Drs. Melmed and Rubin
June 4, 2023	Have a Safe Trip Home	

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Faculty

Raun David Melmed, MD, FAAP: Developmental and Behavioral Pediatrician; Director of the Melmed Center in Scottsdale, Arizona; Co-founder and Medical Director of the Southwest Autism Research and Resource Center

Dr. Melmed is on faculty at Arizona State University and the University of Arizona in Tucson.

Dr. Melmed earned his medical training at the University of Cape Town, South Africa, and completed a fellowship at Children's Hospital Medical Center in Boston, where he was an Instructor at Harvard Medical School. He is a member of the Society for Developmental and Behavioral Pediatrics and a fellow of the American Academy of Pediatrics. He is board certified in Pediatrics and Developmental and Behavioral Pediatrics.

Dr. Melmed has set up nationally recognized physician training programs for the early identification of infants and toddlers with developmental and behavioral concerns and authored a program geared toward the early screening for autism spectrum disorders.

He is the author of *Autism: Early Intervention*; *Autism and the Extended Family*; and *Autism Parent Handbook: Beginning with the End Goal in Mind*.

He has published the ST4 Mindfulness Book for Kids series including *Marvin's Monster Diary: ADHD Attacks*, *Timmy's Monster Diary: Screen Time Attacks*, *Harriet's Monster Diary Awfully Anxious*, *Marvin's Monster Diary 2 (+Lyssa): ADHD Emotion Explosion (But I Triumph, Big Time)*, and *Marvin's Monster Diary 3: Trouble with Friends (But I Get By, Big Time!)* and *Marvin's Monster Diary 4: Neighborhood Bully (But We Stand Up, Big Time)*

Dr. Melmed is an investigator of novel psychopharmacological agents in the treatment of autism, Fragile X and ADHD and collaborates on studies of tools used in the diagnosis of developmental disorders.

I. Leslie Rubin, MD: Associate Professor, Department of Pediatrics, Morehouse School of Medicine; Adjunct Associate Professor, Department of Pediatrics, Emory University School of Medicine; Director, Break the Cycle Program, Southeast Pediatric Environmental Health Specialty Unit, Emory University School of Medicine; Founder, Break the Cycle of Health Disparities, Inc.; Medical Director, The Rubin Center for Autism and Developmental Pediatrics, Atlanta, Georgia

Dr. Rubin is a Developmental Pediatrician who is clinically active in caring for children with developmental disabilities and their families in his private practice, as well directing interdisciplinary clinics for children with Autism and Cerebral Palsy at CHOA Hughes Spalding, and consulting to Hall County Children's Medical Services and the Emory Neurodevelopmental Exposure Clinic. He is the primary editor of *Health Care for people with intellectual and developmental disabilities across the lifespan*, Springer 2016.

In 2004, he founded the non-profit Break the Cycle of Health Disparities, Inc. and started the annual Break the Cycle of Children's Environmental Health Disparities program in partnership with the Southeast PEHSU to raise awareness among university students of children's environmental health disparities and to cultivate future leaders to address these challenges. To date there have been 17 annual programs with over 150 students from 50 different academic departments in 12 states in the USA as well as from 6 countries in Latin American and 2 Countries in Africa. In total there have been more than 150 papers published in international journals as well as 13 books in a Public Health Series with Nova Publishers. The program received The Children's Environmental Health Excellence Award from the US EPA in 2016.

He served for 6 years on the Board of Scientific Counsellors to the EPA ORD and currently serves on the National Advisory Council for Children and Disasters.

Dr. Rubin's personal mission is to work in collaboration with others on reducing children's health disparities and promote health equity for all children, locally, nationally, and globally in the context of environmental and social justice and in the face climate change.

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Accreditation Statements

Joint Accreditation

In support of improving patient care, Continuing Education, Inc./University at Sea™ is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physicians

Designation: Continuing Education, Inc. designates this live activity for a maximum of 12 *AMA PRA Category 1 Credit(s)*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Pharmacists

Designation: Continuing Education, Inc. designates this live activity for a maximum of 12 ACPE Credits.

Nurses

Designation: Nurses completing this educational activity will receive a maximum of 12 contact hours. Course Identification Number: HA090422

ABP MOC Part 2

Successful completion of this CME activity, which includes participation in the activity, with individual assessments of the participant and feedback to the participant, enables the participant to earn 12 MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABP MOC credit.

Psychologists

Credit Designation for Psychologists: Continuing Education (CE) credits for psychologists are provided through the co-sponsorship of the American Psychological Association (APA) Office of Continuing Education in Psychology (CEP). The APA CEP Office maintains responsibility for the content of the programs.

Social Workers

Credit Designation for Social Workers: As a Jointly Accredited Organization, Continuing Education, Inc is approved to offer social work continuing education by the Association of Social Work Boards (ASWB) Approved Continuing Education (ACE) program. Organizations, not individual courses, are approved under this program. State and provincial regulatory boards have the final authority to determine whether an individual course may be accepted for continuing education credit. Continuing Education, Inc. maintains responsibility for this course. Social workers completing this course receive 16 continuing education credits.

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Continuing Education, Inc., and Royal Caribbean Cruise Lines do not discriminate against persons on the basis of disability and seek to accommodate, to the extent possible, the special needs of persons with disabilities.

Travelers need to be aware, however, that certain land and shore facilities may not be fully accessible to disabled persons. Special medical, physical or other requirements must be identified at the time of booking. The CEI Activity Coordinator accompanying this program will provide assistance for participants and liaison with the ship's company.

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Disclosures

Continuing Education, Inc., seeks to ensure balance, independence, objectivity and scientific rigor in all of its sponsored educational activities. CEI has no relationships with the manufacturers of products or devices discussed in these presentations. None of the planners of this educational activity has any relevant financial relationships to disclose.

Speakers participating in CME programs are asked to disclose any involvement with commercial organizations (ineligible companies) and their responses are indicated below. In addition, any unlabeled or investigational uses of pharmaceuticals or equipment must be identified to participants during presentations. The existence of commercial relationships does not prevent speakers from making presentations. The intent of this CEI policy is consistent with requirements of the Accreditation Council for CME and is designed to provide complete information to the audiences. Participants must make their own judgments about the content of presentations in light of these disclosures and determine if possible bias or misrepresentation has occurred.

Faculty members further affirm (1) that all recommendations involving clinical medicine given during presentations are based upon evidence that is accepted within the profession of medicine for the care of patients, (2) that any scientific research referred to in support or justification for a patient care recommendation conforms to the generally accepted standards of experimental design, data collection and analysis, and (3) that they will not present recommendations, treatments or manners of practicing medicine that are not within the definition of CME, or are known to have risks or dangers that outweigh the benefits, or are known to be ineffective in the treatment of patients.

Raun David Melmed, MD, FAAP

Dr. Melmed has identified relationships with the following organizations and will identify any off-label or investigational uses of pharmaceuticals or equipment referenced during all presentations:

Researcher: Zynherba, Janssen, Cognoa, Akili, Curemark, Otsuka, Roche, Quadrant, Yamo. Acadia, BioRosa

I. Leslie Rubin, MD

Dr. Rubin has reported no relationships with ineligible companies and has agreed to identify any off-label or investigational uses of pharmaceuticals or equipment referenced during all presentations.

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Topics and Objectives

1. History and Overview of Developmental Disabilities
 - a. Appreciate the history of societal approach to developmental disabilities and have an understanding and an approach to management
2. Prematurity and its Consequences
 - a. Be familiar with the neonatal complications of prematurity and their long term consequences with and an approach to management
3. Cerebral Palsy
 - a. Be aware of the manifestations and an approach to management of cerebral palsy
4. Children's Environmental Health
 - a. Appreciate and understand the role that environmental factors play in the health and well being of children
5. Children's Environmental Health Disparities
 - a. Become aware of the factors that predispose to children's health disparities and develop strategies to reduce the disparities and promote health equity for all children
6. Autism Spectrum Disorder: An Overview
 - a. Provide comprehensive treatment approaches to children with ASD and their families
 - b. Describe DSM 5 Diagnostic criteria for ASD
 - c. Integrate screening for ASD in toddlers and in middle school
 - d. Appreciate the mental and medical conditions commonly co-occurring with ASD
7. Autism: Delivering the diagnosis and impact on the parents and family
 - a. Provide comprehensive treatment approaches to children with ASD and their families
 - b. Prepare appropriately for feedback sessions when delivering the diagnosis of ASD
 - c. Understand the stages of grief encountered by parents at the time of diagnosis
 - d. Appreciate the impact the diagnosis has on parents and the extended family
8. ADHD: An Overview
 - a. Provide comprehensive treatment approaches to children with ADHD and their families
 - b. Describe DSM 5 criteria for ADHD diagnosis
 - c. Provide developmental strategies to children and their families with ADHD
 - d. Understand potential barriers to therapy adherence and 4. Consider ADHD presentation in girls
9. ADHD in Adults
 - a. Provide evidence-based diagnostic approaches to adults with ADHD and their families
 - b. Describe DSM 5 criteria for ADHD diagnosis in adults
 - c. Consider ADHD presentation in girls., and 3, Know a ADHD diagnostic tool
10. Management of Anxiety Disorders in children
 - a. Differentiate between normal anxiety and anxiety disorders in childhood
 - b. Implement anxiety screening strategies in practice
 - c. Understand the medical problems associated with anxiety
 - d. Implement developmental counseling strategies for anxiety in children in the office
 - e. Appreciate integrative treatment strategies for anxiety in children