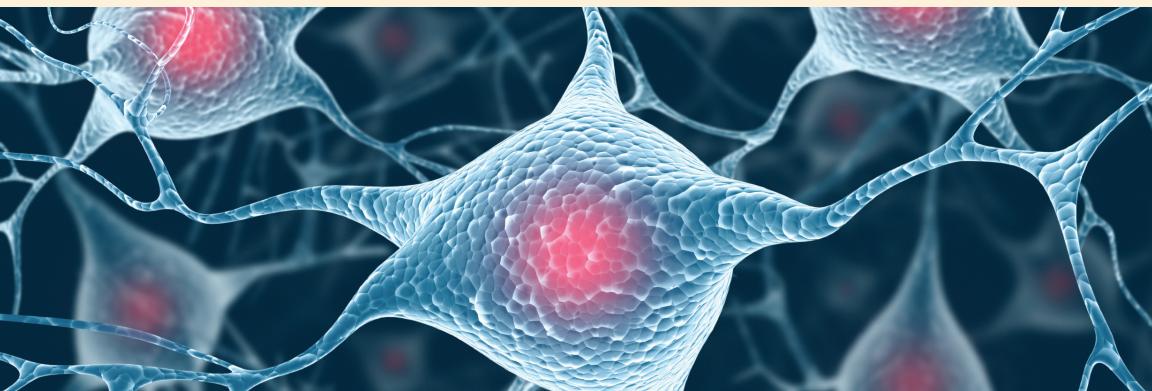




AMERICAN PROFESSIONAL SOCIETY
OF ADHD AND RELATED DISORDERS

ANNUAL MEETING

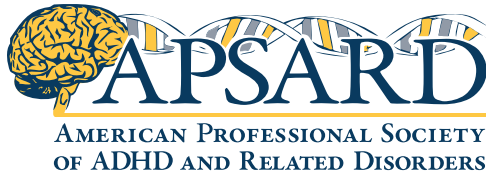
*ADHD & Related Disorders:
State of the Science and Art*



JANUARY 16-18, 2015

MANDARIN ORIENTAL | WASHINGTON D.C.

PROGRAM BOOK



Dear APSARD Annual Meeting Attendee:

Welcome to the 2015 Meeting of the American Professional Society of ADHD and Related Disorders. This year's theme, "*The State of the Science and Art,*" was chosen to emphasize the growth in scientific knowledge about ADHD and the importance of clinical approaches to caring for patients, especially those with complex co-occurring disorders. We have assembled noted experts in the field - translational neuroscientists, clinical researchers, respected practitioners - to share their knowledge and to engage in active discussions about the most important issues in our field. In addition to the plenaries and workshops, we expect the poster sessions and lunch breaks will provide ample opportunity to connect with colleagues and to establish new professional connections. Enjoy the conference and have fun in our nation's capital!

A handwritten signature in black ink, which appears to read "Anthony Rostain".

Anthony Rostain, M.D., MA
APSARD President



Welcome to the APSARD Annual Meeting

On behalf of the APSARD Annual Meeting Program Committee, we are delighted to welcome you to the APSARD Annual Meeting. Below are some of the highlights of the 2015 meeting.

The conference will feature nationally renowned ADHD faculty who will share with participant recent research findings relevant to clinical practice.

• 2015 Program Highlights

- Friday, January 16
 - Opening Plenary, “*ADHD & Sports*”
 - Welcome Reception with Poster Presentations – Including a Poster Tour with Faculty
- Saturday, January 17
 - President’s Summary
 - Keynote Plenary Session, “*The Descriptive Psychopathology of ADHD: Mind Wandering Excessively and Affective Instability in Adults with ADHD*”
 - Symposia Sessions and Workshops
 - Poster Session with Lunch
- Sunday, January 18
 - APSARD Business Meeting
 - Keynote Plenary Session, “*Taking a Long(itudinal) Look at ADHD*”
 - Symposia Session and Workshop
 - Poster Session with Lunch
 - Ask the Experts

• Organization

- The meeting is sponsored by the American Society for ADHD and Related Disorders (APSARD).
- The Program Committee evaluates submitted proposals and develops program innovations.
- Parthenon Management Group organizes the APSARD Annual Meeting.

The APSARD Annual Meeting is an opportunity for education and networking. We welcome your suggestions to make the event even better. Seek us out during the meeting or provide your views by completing the evaluation form.

Best Regards,

A handwritten signature in black ink, appearing to read 'Jeffrey Newcorn', followed by the letters 'ND'.

Jeffrey Newcorn, M.D.
Icahn School of Medicine at Mount Sinai

NOTES

[illegible]

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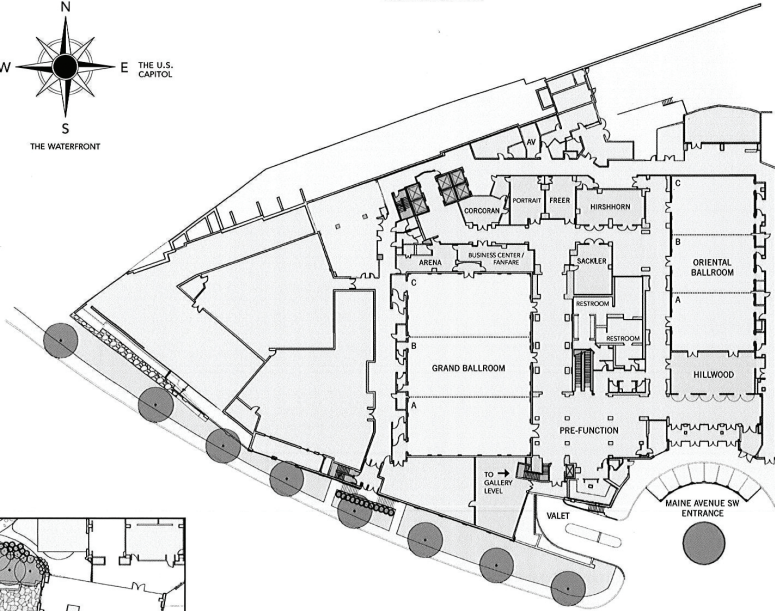
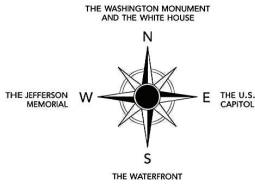
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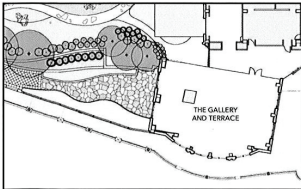
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MEETING SPACE MAP



BALLROOM LEVEL FLOOR PLAN



GALLERY LEVEL FLOOR PLAN

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

AWARD WINNERS & FEATURED SPEAKERS

Recipient of the APSARD Achievement Award



Doug Kelsey, M.D., Ph.D.

Doug Kelsey, M.D., Ph.D., FAAP, is a retired (10/14) Medical Fellow at Lilly Research Laboratories. He was the Lead Physician for clinical ADHD studies in the US Medical Operations - Neuroscience Division in Indianapolis, Indiana. Dr. Kelsey is a pediatrician with 33 years of clinical research experience in academia and the pharmaceutical industry. He has been a staff member at Lilly for 18 years. Before that, he was employed in various technical and executive management positions at Bristol Myers Squibb/Mead Johnson for 10 years. He obtained his undergraduate, medical, and Ph.D. (Microbiology) degrees from the University of Utah in Salt Lake City, where he also completed his pediatric residency and fellowship in infectious diseases. He served on the faculty at the U of Utah School of Medicine for 5 years in a teaching and research position in pediatrics, infectious diseases, immunology and microbiology.

Dr. Kelsey's experience includes research on a broad range of products in phase II, III, and IV clinical trials, such as vaccines, biologics, antibiotics, antivirals, and nutritional products. He was based in the neuroscience therapeutic area for the last 14 years at Lilly. He was responsible for medical oversight of early and late stage clinical development of compounds for major depression, anxiety disorders and attention deficit hyperactivity disorder (ADHD). He had primary responsibility to provide medical oversight for the implementation and execution of phase II, III and IV clinical trials involving children and adults in the US for atomoxetine and another compound in early stage development. Dr. Kelsey is author or co-author of more than 100 abstracts and presentations at national and international meetings. In addition, he has authored or coauthored more than 50 publications in peer-reviewed journals, 18 of which involve atomoxetine a drug for ADHD in children, adolescents and adults.

In addition, Dr. Kelsey has been an American Cancer Society volunteer for more than 20 years. As such, he has held volunteer leadership positions at the local, divisional and national level. These positions include past president and current board director of the Great Lakes Division and currently the Lake Shore Division. Positions at National ACS include: past chair and current member of the Research and Medical Affairs Operations Committee and past CoChair of the Mission Outcomes Committee; past member of the Finance, Awards, Transformation and Research 3.0 committees of the National Board; he is currently a member of the Missions Outcome Committee, the Compensation Committee, the Audit Committee, Strategic Planning and Agenda Development Committee and the ACS CEO Search Committee of the National Board. He serves as an ex-officio member of the Extramural Research Peer Review Executive committee. Dr Kelsey is a former medical director on the ACS National Board of Directors and is currently the ACS National Board Scientific Officer. He is recipient of the ACS St. George Medal for volunteer leadership.

AWARD WINNERS & FEATURED SPEAKERS

Recipient of the Best Paper in the Journal of Attention Disorders Award



Margaret Semrud-Clikeman, Ph.D., L.P., ABPdN
University of Minnesota Masonic Children's Hospital

Nominated for: *Volumetric MRI Differences in Treatment Naive and Chronically Treated Adolescents with ADHD-Combined Type (JAD, 18(6), 511-520)*

Margaret Semrud-Clikeman¹, Steven R. Pliszka², Jesse Bledsoe³, Jack Lancaster²

¹University of Minnesota Medical School, Minneapolis, USA; ²The University of Texas Health Science Center at San Antonio, USA; ³Seattle Children's Hospital, WA, USA

Dr. Margaret Semrud-Clikeman received her Master's Degree from the University of Wisconsin-Madison in School Psychology. She worked for several years as a School Psychologist in Wisconsin. During that time, she worked with many children with attentional problems and who experienced difficulty with social functioning as well as planning and organization. Based on her clinical experiences she decided to return to school for her Ph.D. and studied under George Hynd at the University of GA. She completed her internship and post-doctoral fellowships at Massachusetts General Hospital/Harvard Medical School. Her dissertation on MRI differences in children with dyslexia or ADHD was awarded the NAN outstanding dissertation award. She has published over 90 articles, over 70 book chapters, and 8 books. Margaret is currently a tenured professor at the University of MN Medical School and a Division Director of Clinical Behavioral Neuroscience in the Department of Pediatrics. She was recently named a Notable Scholar by the University of British Columbia. She is continuing her neuroimaging studies with children with ADHD as well as those with Autism and nonverbal learning disabilities.

AWARD WINNERS & FEATURED SPEAKERS

Featured Speakers



ADHD and Sports

Friday, January 16, 2015 from 5:30 p.m. – 6:45 p.m.

David Baron, D.O., MEd

Keck Hospital at USC

David Baron, D.O., MEd, is Professor and Vice-Chair of the Department of Psychiatry, Assistant Dean of International Relations, Chief of Psychiatry at Keck Hospital at USC, and Director of the Center for Exercise, Psychiatry and Sport at USC. Prof. Baron is the former Deputy Clinical Director of the NIMH and Chaired the Department of Psychiatry at Temple Univ. School of Medicine from 1998-2010. He is the former President of the American College of Neuropsychiatry and the Group for the Advancement of Psychiatry, and is currently on the Board of Directors of the American College of Psychiatrists and Section Chief for the World Psychiatric Association. Dr. Baron has a faculty appointment and is a consultant to Australian National University, Koceili University, and Ain Shams University in Cairo. He has over 100 publications, including 3 books and 15 book chapter. He developed and holds the copyright on the BDSA, a depression screener for athletes, which is currently in use in 5 countries. Dr. Baron has won numerous teaching and research awards, including the Kennedy Humanitarian Award and Distinguished Service Award from HHS.

AWARD WINNERS & FEATURED SPEAKERS



The Descriptive Psychopathology of ADHD: Mind Wandering Excessively and Affective Instability in Adults with ADHD

Saturday, January 17, 2015 from 8:15 a.m. – 9:30 a.m.

Philip Asherson, MBBS, MRCPsych, Ph.D.

Kings College London

Philip Asherson is Professor of clinical and molecular psychiatry at MRC Social, Genetic and Developmental Psychiatry, Institute of Psychiatry, King's College London. He trained in psychiatric genetics in Cardiff, completing his Ph.D. on molecular genetics of schizophrenia. When he moved to the Institute of Psychiatry in 1996, he worked with Prof. Eric Taylor and European and US collaborators to develop the International Multicentre ADHD Genetics project. He was among the first consultants in the UK to specialize in the diagnosis and treatment of ADHD in adults, was a key member of the NICE guideline committee for ADHD across the lifespan and is President of the UK Adult ADHD Network. His research focuses on quantitative and molecular genetic studies of ADHD and neurocognitive mechanisms. Recent investigations include the study of emotional instability and offending behaviour in adults with ADHD, the development of depression in adolescents with ADHD and treatment trials in out-patient and prisoner mental health settings.



Taking a Long(itudinal) Look at ADHD

Sunday, January 18, 2015 from 8:45 a.m. – 10:00 a.m.

Philip Shaw, B.M. B.Ch., Ph.D.

National Human Genome Research Institute, National Institutes of Health

Dr. Shaw studies Attention-Deficit Hyperactivity Disorder (ADHD), one of the most common and heritable childhood mental health problems. The overarching goal of his research is to better understand the clinical course of ADHD in order to improve treatment for the disorder.

To accomplish this goal, he uses tools from neuroscience, basic behavioral science and social science.

Dr. Shaw is currently an investigator at the National Human Genome Research Institute and an adjunct faculty member of the National Institute of Mental Health. He did training in internal medicine and psychiatry in Oxford and London, and earned his Ph.D. at the Institute of Psychiatry, University of London.

ACKNOWLEDGEMENTS

Program Committee Members

Jeffrey Newcorn, M.D., Program Committee Chair
Icahn School of Medicine at Mount Sinai

Anthony Rostain, M.D.
University of Pennsylvania

Lenard A. Adler, M.D.
New York University School of Medicine

Mark Stein, Ph.D.
Seattle Children's Hospital

Betsy Busch, M.D., FAAP
Tufts University School of Medicine

Joseph Biederman, M.D.
Massachusetts General Hospital

Stephen Faraone, Ph.D.
SUNY Upstate Medical University

Scott H. Kollins, Ph.D.
Duke University Medical Center

John Tatarakis, MS, MPH, PMHCNS-BC
New York Harbor Healthcare System

ACKNOWLEDGEMENTS

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David Giwerc, MCC
ADHD Coach Academy

Sam Goldstein, Ph.D.
Journal of Attention Disorders

David Goodman, M.D.
Johns Hopkins School of Medicine

John Heiligenstein, M.D.

Scott Kollins, Ph.D.
Duke University Medical Center

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Rick Weisler, M.D.
University of North Carolina Chapel Hill School of Medicine

Margaret Weiss, M.D., Ph.D.
University of British Columbia Children and Women's Health Centre

NOTES

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MEETING ANNOUNCEMENTS

Meeting Services

Registration Desk Hours:

Friday, January 16 3:00 p.m. – 7:00 p.m.

Saturday, January 17 7:00 a.m. – 6:00 p.m.

Sunday, January 18 7:00 a.m. – 3:00 p.m.

*The registration/meeting information desk is located in the Grand Ballroom Foyer.

The APSARD Speaker Ready Room is open on the below dates and times for presenters to upload slides. The meeting organizers ask that all speakers upload their slides 24 hours prior to their scheduled presentation time.

The Speaker Ready Room is located in the Sackler Meeting Room, Ballroom Level.

Friday, January 16 1:00 p.m. – 6:00 p.m.

Saturday, January 17 7:00 a.m. – 5:00 p.m.

Sunday, January 18 7:00 a.m. – 2:00 p.m.

Americans with Disabilities Act - It is the policy of APSARD not to discriminate against any person on the basis of disabilities. If you feel you need services or auxiliary aids mentioned in this act in order to fully participate in this continuing education activity, please call the Executive Office at 615-649-3083 or send an email to info@apsard.org.

Discounts – All APSARD Annual Meeting attendees who booked their room at the Mandarin Oriental through the APSARD meeting website will have the following resort amenities.

- Access to Standard high-speed internet in the guest rooms and meeting space complimentary
- 24 Hour Fitness Center admittance
- Daily newspaper
- Complimentary coffee and tea in the hotel lobby

MEETING ANNOUNCEMENTS



These objectives support medical assessment and management with patient populations for physicians, nurses, nurse practitioners, physician assistants and pharmacists.

- Appreciate the rigorous demands on, and incentives for, high-performance athletes with and without ADHD, and how these factors generate unique complexities when diagnosing or treating athletes with ADHD.
- Summarize advances and new findings in neuroimaging research, and their implications for increasing our understanding of ADHD.
- Understand the genetic basis of different ADHD neuropsychological presentations.
- Evaluate the complex relationship between ADHD and sleep problems, how each may exacerbate the other, and when non-medical or medical interventions may be helpful.
- Describe the presentation of Autism Spectrum Disorders (ASD) comorbid with ADHD, and why they may commonly occur together.
- Examine the advantages and disadvantages of different research methodologies, when designing ADHD clinical trials and interpreting the results.
- Interpret different estimates of ADHD prevalence that use different methods of data collection, and how these differences may generate controversies about the overdiagnosis of ADHD.
- Recognize certain chronic medical conditions and traumatic brain injury (TBI) as important new comorbidities of ADHD.
- Appreciate how reward mechanisms affect brain biology in ADHD and related disorders, and what clinical implications these findings may have.
- Acquire skills in delivering evidence-based psychotherapies for ADHD in your practice (i.e., teaching organizational skills to school-age children, or employing CBT-based meta-cognitive therapy with adults with ADHD).
- Discuss new findings in ADHD and mood dysregulation, and which treatments may offer clinical benefit.

MEETING ANNOUNCEMENTS

Continuing Education Credits are available for physicians, psychologists and nurses. Applications for credit must be completed online with the meeting evaluation survey. The survey may be completed after the conference at www.APSARD.org. ***Surveys for continuing education credit must be submitted no later than February 18, 2015.***

Disclosures

Disclosures are available for all APSARD Annual Meeting presenters online at www.APSARD.org. It is the policy of the APSARD to require disclosure of financial relationships from individuals in a position to control the content of a CME activity; to identify and resolve conflicts of interest related to those relationships; and to make disclosure information available to the audience prior to the CME activity. Presenters are required to disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentations.

Accreditation Statements



PHYSICIAN: This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of USF Health and APSARD. USF Health is accredited by the ACCME to provide continuing medical education for physicians.

USF Health designates this live activity for a maximum of 14.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



PSYCHOLOGISTS: USF Health is approved by the American Psychological Association to sponsor continuing education for psychologists. USF Health maintains responsibility for this program and its content. This activity is approved for 14.25 CE credits. A minimum of daily conference attendance is required.

MEETING ANNOUNCEMENTS

NURSES ANCC: USF Health is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

A maximum of 14.25 contact hours may be earned by learners who successfully complete this continuing nursing education activity.

USF Health adheres to ACCME Standards regarding commercial support of continuing medical education. It is the policy of USF Health that the faculty and planning committee disclose real or apparent conflicts of interest relating to the topics of this educational activity, that relevant conflict(s) of interest are resolved and also that speakers will disclose any unlabeled/unapproved use of drug(s) or device(s) during their presentation. Detailed disclosure will be made in the course syllabus.

Disclaimer

The information provided at this CME/CE activity is for continuing education purposes only and is not meant to substitute for the independent medical/clinical judgment of a healthcare provider relative to diagnostic and treatment options of a specific patient's medical condition.

USF Health Office of Continuing Professional Development reserves the right to cancel this activity due to unforeseen circumstances, in which the full registration fee will be refunded. USF Health is not responsible for travel expenses incurred by the participants in the unlikely event that this activity is cancelled. USF is an Equal Opportunity / Affirmative Action / Equal Access Institution. For disability accommodations contact CPDSUPPORT@health.usf.edu (813-224-7860), within five days of the event.

All participants who request continuing education credits by February 18, 2015, should expect to receive their statement of credits via email in March.

The Meeting Evaluation Survey will be available at www.APSARD.org. We encourage all registrants to complete the evaluation. Attendees requesting CME or CE credits must complete the survey in order to obtain credits. Your candid input on the 2015 meeting is appreciated as we strive to improve the meeting each year.

MEETING ANNOUNCEMENTS

APSARD would like to acknowledge the generosity of the following companies whose unrestricted educational grants have contributed to the overall quality of this meeting:

**Eli Lilly & Company
Sunovion Pharmaceuticals Inc.**

APSARD Society Support – The 2015 APSARD Board of Directors would like to thank the following sponsors:

**Alcobra Pharma
Shire Pharmaceuticals**

Exhibitors

- NEBA Health
- The TOVA Company

NOTES

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SCHEDULE AT A GLANCE

FRIDAY, JANUARY 16, 2015

3:00pm – 7:00pm	Registration Open Grand Ballroom Foyer
3:00pm – 4:30pm	APSARD Board Meeting (Invitation Only) Hillwood
5:30pm – 6:45pm	Welcome/Opening Plenary: <i>ADHD and Sports</i> Grand Ballroom BC
6:45pm – 8:30pm	Reception and Poster Presentations Grand Ballroom A and Foyer

NOTES

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FULL SCHEDULE

FRIDAY, JANUARY 16, 2015

- | | |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3:00pm – 7:00pm | Registration Open
<i>Grand Ballroom Foyer</i> |
| 3:00pm – 4:30pm | APSARD Board Meeting (Invitation Only)
<i>Hillwood</i> |
| 5:30pm – 6:45pm | Welcome, Opening Plenary: <i>ADHD and Sports</i>
David Baron, MEd, D.O.
<i>Grand Ballroom BC</i> |
| 6:45pm – 8:30pm | Reception and Poster Presentations, Including
a Poster Tour with the Faculty at 7:00 pm
<i>Grand Ballroom A and Foyer</i>
<i>*See Pages 39 through 46 for poster listing.</i> |

NOTES

[illegible]

SCHEDULE AT A GLANCE

SATURDAY, JANUARY 17, 2015

7:00am – 6:00pm **Registration Open**
Grand Ballroom Foyer

8:00am – 8:15am **President's Summary**
Grand Ballroom BC

8:15am – 9:30am **Keynote Session: *The Descriptive Psychopathology of ADHD: Mind Wandering Excessively and Affective Instability in Adults with ADHD***
Grand Ballroom BC

9:30am – 9:45am **Break**
Ballroom Foyer

9:45am – 11:45am **Symposia Sessions**

<i>ADHD, Autism and Neurodevelopmental Disorders – What are the Relationships? How Can Science Inform Clinical Practice?</i>	<i>Issues in ADHD Clinical Trials Design</i>
Location: Grand Ballroom BC	Location: Oriental Ballroom

11:45am – 1:00pm **Poster Session with Lunch**
Grand Ballroom A and Foyer

1:00pm – 3:00pm **Symposia Sessions**

<i>Measuring ADHD Prevalence – Controversies About Overdiagnosis</i>	<i>ADHD and Emerging Comorbidities</i>
Location: Grand Ballroom BC	Location: Oriental Ballroom

3:00pm – 3:30pm **Break**
Ballroom Foyer

SCHEDULE AT A GLANCE

3:30pm – 5:30pm

Symposia and Workshop Sessions

*Symposia: Reward Mechanisms in
ADHD and Related Disorders*

*Workshop: A Workshop in
Evidence-based Cognitive
Behavioral Therapy for Adult ADHD*

Location: Grand Ballroom BC

Location: Oriental Ballroom

FULL SCHEDULE

SATURDAY, JANUARY 17, 2015

7:00am – 6:00pm	Registration Open <i>Grand Ballroom Foyer</i>
8:00am – 8:15am	President's Summary <i>Grand Ballroom BC</i>
8:15am – 9:30am	Keynote Session: <i>The Descriptive Psychopathology of ADHD: Mind Wandering Excessively and Affective Instability in Adults with ADHD</i> Philip Asherson, MBBS, MRCPsych, Ph.D., King's College London <i>Grand Ballroom BC</i>
9:30am – 9:45am	Break <i>Ballroom Foyer</i>

FULL SCHEDULE

Concurrent Symposia Sessions

9:45am – 11:45am	ADHD, Autism and Neurodevelopmental Disorders – What are the Relationships? How Can Science Inform Clinical Practice? <i>Grand Ballroom BC</i>
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Chair: Anthony Rostain, University of Pennsylvania

9:45am – 9:55am	Introduction
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9:55am – 10:15am	Clinical Characteristics of ADHD Comorbidity with ASD Gagan Joshi, Massachusetts General Hospital, Harvard Medical School
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10:15am – 10:35am	Genetics of ADHD and Autism Steve Faraone, SUNY Upstate Medical University
--------------------------	--------------------------------------------------------------------------------------

10:35am – 10:55am	Brain Imaging of Autism and ADHD: What's Shared and What's Distinct Adriana Di Martino, The Child Study Center at NYU Langone Medical Center Department of Child and Adolescent Psychiatry
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10:55am – 11:15am	Treatment of ADHD + ASD: What Do We Know? James T. McCracken UCLA Semel Institute
--------------------------	------------------------------------------------------------------------------------------------

11:15am – 11:45am	Discussion
--------------------------	-------------------

FULL SCHEDULE

9:45am – 11:45am

Issues in ADHD Clinical Trials Design
Oriental Ballroom

Chair: Lenard A. Adler, NYU School of Medicine

9:45am – 9:55am

Introduction

9:55am – 10:15am

**Issues in ADHD Clinical Trials Design:
Effectiveness Trial**

Andrew Nierenberg

Massachusetts General Hospital, Harvard Medical
School

10:15am – 10:35am

**Comparative Effectiveness Studies in ADHD
Treatment**

Jeffrey Newcorn

Icahn School of Medicine at Mount Sinai

10:35am – 10:55am

**Difficulties and New Directions in Adolescent
ADHD Trials**

Adelaide Robb

Children's National Health Systems

10:55am – 11:15am

**Assessing the Placebo Response in Adult
ADHD Treatment Studies**

Lenard A. Adler

NYU School of Medicine

11:15am – 11:45am

Discussion

11:45am – 1:00pm

Poster Session with Lunch

Grand Ballroom A and Foyer

**See Pages 39 through 46 for poster listing.*

FULL SCHEDULE

Concurrent Symposia Sessions

1:00pm – 3:00pm	Measuring ADHD Prevalence- Controversies about Overdiagnosis <i>Grand Ballroom BC</i>
-----------------	-------------------------------------------------------------------------------------------------

Chair: Scott Kollins, Duke University Medical Center

1:00pm – 1:10pm	Introduction
1:10pm – 1:40pm	Comorbidity of ADHD: Implications for Causes and Consequences Kathleen Merikangas National Institute of Mental Health
1:40pm – 2:10pm	National, State-based, and Community-based Epidemiology of Attention Deficit/Hyperactivity Disorder Over Time Joseph Holbrook Centers for Disease Control and Prevention
2:10pm – 2:40pm	Is there a Trend in the Incidence or Prevalence of ADHD? E. Jane Costello Duke University
2:40pm – 3:00pm	Discussion

FULL SCHEDULE

1:00pm – 3:00pm **ADHD and Emerging Cormorbidities**
Oriental Ballroom

Chair: Joseph Biederman, Massachusetts General Hospital

1:00pm – 1:10pm **Introduction**

1:10pm – 1:40pm **Mild Traumatic Brain Injury and ADHD:
A Review and Meta-analysis**
Joseph Biederman
Massachusetts General Hospital

1:40pm – 2:10pm **Neural Networks of Emotional Dysregulation**
Mai Uchida
Massachusetts General Hospital

2:10pm – 2:40pm **ADHD and Adverse Health Outcomes in Adults**
Thomas Spencer
Massachusetts General Hospital

2:40pm – 3:00pm **Discussion**

3:00pm – 3:30pm **Break**
Ballroom Foyer

FULL SCHEDULE

Symposia Session and Workshop

3:30pm – 5:30pm	Reward Mechanisms in ADHD and Related Disorders <i>Grand Ballroom BC</i>
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Chair: Jeffrey Newcorn, Icahn School of Medicine at Mount Sinai

3:30pm – 3:40pm	Introduction
------------------------	---------------------

3:40pm – 4:10pm	The Neural Correlates of Reinforcement Processing and their Relationship with Impulsive Behaviors R.J.R. Blair, Institute of Mental Health
------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------

4:10pm – 4:40pm	ADHD, Altered Dopamine Neurotransmission, and Disrupted Reinforcement Processes Scott Kollins, Duke University Medical Center
------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

4:40pm – 5:10pm	Effects of Lisdexamfetamine (Vyvanse®) on Brain Reward Circuitry in Adults with ADHD Jeffrey Newcorn, Icahn School of Medicine at Mount Sinai
------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------

5:10pm – 5:30pm	Discussion
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3:30pm – 5:30pm	A Workshop in Evidence-based Cognitive Behavioral Therapy for Adult ADHD Mary V. Solanto, New York University School of Medicine <i>Oriental Ballroom</i>
------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SCHEDULE AT A GLANCE

SUNDAY, JANUARY 18, 2015

**Sunday,
January 18, 2015**

7:00am – 3:00pm **Registration Open**
Grand Ballroom Foyer

8:15am – 8:45am **Business Meeting**
Grand Ballroom BC

8:45am – 10:00am **Plenary Session: *Taking a Long(itudinal) Look at ADHD***
Grand Ballroom BC

10:00am – 10:15am **Break**
Ballroom Foyer

10:15am – 12:15pm **Symposia Session and Workshop**

<i>Symposia: Mood Dysregulation and ADHD</i>	<i>Workshop: Evidence Based Psychotherapy Workshop for Children</i>
Location: Grand Ballroom BC	Location: Oriental Ballroom

12:15pm – 1:30pm **Poster Session with Lunch**

12:15pm – 1:30pm **Session: Sleep, ADHD and ADHD Treatments: Questions and (some) Answers**
Grand Ballroom A and Foyer

1:30pm – 2:30pm **Ask the Experts Session**
Grand Ballroom BC

This image shows a full-page view of a notebook or worksheet. At the top, there is a solid black horizontal bar. Centered within this bar is the word "NOTES" in a bold, white, sans-serif font. Below the black bar, the rest of the page is white and filled with evenly spaced, thin grey horizontal lines, providing space for writing.

FULL SCHEDULE

SUNDAY, JANUARY 18, 2015

7:00am – 3:00pm	Registration Open <i>Grand Ballroom Foyer</i>
8:15am – 8:45am	Business Meeting (All APSARD Members are encouraged to attend.) <i>Grand Ballroom BC</i>
8:45am – 10:00am	Plenary Session: <i>Taking a Long(itudinal) Look at ADHD</i> Phillip Shaw, National Human Genome Research Institute, National Institute of Mental Health <i>Grand Ballroom BC</i>
10:00am – 10:15am	Break <i>Ballroom Foyer</i>

FULL SCHEDULE

Symposia Sessions

10:15am – 12:15pm	Measuring ADHD Prevalence- Controversies about Overdiagnosis <i>Grand Ballroom BC</i>
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Chair: Robert Findling, Johns Hopkins Children's Center

10:15am – 10:25am	Introduction
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10:25am – 10:45am	Mechanisms Underlying Emotion Dysregulation in Children with ADHD Karen Seymour Johns Hopkins University School of Medicine
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10:45am – 11:05am	Deficits in Emotional Regulation in ADHD Joseph Biederman Massachusetts General Hospital
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11:05am – 11:25am	Affective and Cognitive “Liability”: Implications for Bipolar Disorder and ADHD Sophia Frangou Icahn School of Medicine at Mount Sinai
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11:25am – 11:45am	Psychostimulants in Children with ADHD and Mood Dysregulation Robert Findling Johns Hopkins Children's Center
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11:45am – 12:15pm	Discussion
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FULL SCHEDULE

10:15am – 12:15pm	Workshop: <i>Evidence Based Psychotherapy Workshop for Children</i> Richard Gallagher, New York University School of Medicine <i>Oriental Ballroom</i>
12:15pm – 1:30pm	Poster Session with Lunch <i>Grand Ballroom A and Foyer</i> <i>*See Pages 39 through 46 for poster listing.</i>
12:15pm – 1:30pm	Session: Sleep, ADHD and ADHD Treatments: Questions and (some) Answers Mark Stein, Seattle Children's Hospital
1:30pm – 2:30pm	Ask the Experts Panel <i>Grand Ballroom BC</i> Moderators: Anthony Rostain, University of Pennsylvania Lenard A. Adler, New York University School of Medicine Participants: David Goodman, Johns Hopkins University School of Medicine James McCracken, UCLA Semel Institute Mary V. Solanto, New York University School of Medicine Richard Gallagher, New York University School of Medicine

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

1. *Pharmacokinetic and Pharmacodynamic Properties of Lisdexamfetamine in Adults with ADHD*

Lenard Adler¹, Samuel Alperin², Stephen V. Faraone³,

¹NYU School of Medicine, ²Hofstra North-Shore/LIJ Medical School,

³SUNY Upstate Medical University

2. OPEN BOARD

3. *Examination of Transgenerational Transmission of ADHD through the WHO ASRS v1.1 Screener*

Samuel Alperin¹, Lenard Adler²

¹Hofstra North-Shore/LIJ Medical School, ²NYU School of Medicine,

4. *Hypoconnectivity in Default Network Subsystems on Resting fMRI is Correlated with ADHD Hyperactive-impulsive Symptoms*

Lisa Alder¹, Xavier Castellanos²

¹George Washington University School of Medicine, ²New York University School of Medicine

5. *Neural Mechanisms Underlying the Therapeutic Actions of Guanfacine Treatment in Youth with ADHD: A Pilot fMRI Study*

Anne Claude-Bedard¹, Kurt Schulz¹, Beth Krone¹, Juan Pedraza¹,

Stephanie Duhoux¹, Jeffrey Halperin^{1,2}, Jeffrey Newcorn¹

¹Icahn School of Medicine at Mount Sinai, ²Queens College of the City University of New York

6. *Metadoxine Affects Brain Activity in Neural Circuits Associated with Cognitive Dysfunctions: A Pharmacological MRI Study in Conscious Rats*

Johanna Schumann¹, Jonathan Rubin¹, Craig Ferris², Mark Nedelman³, Yaron Daniely¹

¹Alcobra Ltd, ²Center for Translational NeuroImaging, Northeastern University, ³Ekam Imaging

7. *Metadoxine - A Novel Synaptic Transmission Modulator with Low Abuse Potential in Development for Attention Deficit Hyperactivity Disorder (ADHD)*

Johanna Schumann¹, Jonathan Rubin¹, Yaron Daniely¹, Sharon L. Smith², Helen L. Rowley², David J. Heal², Amyaouch Bradaia³, Bruno Buisson³

¹Alcobra Ltd, ²RenaSci Ltd, ³Neuroservice

POSTERS

8. ***Clinical Correlates of Working Memory Deficits: A Controlled Study of Children with and without ADHD***

Joseph Biederman¹, Ronna Fried², James Chan³, Leah Feinberg⁴, Brittany Hughes⁴

¹Massachusetts General Hospital; Harvard Medical School, ²Clinical and Research Programs in Pediatric Psychopharmacology and Adult ADHD, Massachusetts General Hospital; Department of Psychiatry, Harvard Medical School, ³Clinical and Research Programs in Pediatric Psychopharmacology and Adult ADHD, Massachusetts General Hospital; Department of Psychiatry, Harvard Medical School, ⁴Clinical and Research Programs in Pediatric Psychopharmacology and Adult ADHD, Massachusetts General Hospital

9. ***Further Evidence that Severe Scores in the Aggression/Anxiety-Depression/Attention Subscales of Child Behavior Checklist (Severe Dysregulation Profile) Can Screen for Bipolar Disorder Symptomatology: A Conditional Probability Analysis***

Joseph Biederman¹, Mai Uchida², Stephen V. Faraone³, Tara Kenworthy⁴, K. Yvonne Woodworth⁴, Jacqueline Davis⁴, Thomas Spencer⁵, Janet Wozniak⁵

¹Massachusetts General Hospital; Harvard Medical School, ²Clinical and Research Programs in Pediatric Psychopharmacology and Adult ADHD, Massachusetts General Hospital; Department of Psychiatry, Harvard Medical School, ³Departments of Psychiatry and of Neuroscience and Physiology, SUNY Upstate Medical University, ⁴Clinical and Research Programs in Pediatric Psychopharmacology and Adult ADHD, Massachusetts General Hospital, ⁵Clinical and Research Programs in Pediatric Psychopharmacology and Adult ADHD, Massachusetts General Hospital; Department of Psychiatry, Harvard Medical School

10. ***Assessing Validity of “age of onset” Criteria for Diagnosis of ADHD in DSM-5***

Shanel Chandra¹, Stephen Faraone¹, Joseph Biederman²

¹SUNY Upstate Medical University, ²Massachusetts General Hospital; Harvard Medical School

POSTERS

11. ***Resting Functional Connectivity in Children with Attention Deficit/Hyperactivity Disorder (ADHD)***

Lucas Battel¹, Renata Keiling², Lucas Canzi Ames, Luis Augusto Rohde, Christian Kieling, Nathassia Aurich and Alexandre Franco

¹Universidade Federal do Rio Grande do Sul, ²Hospital de Clínicas de Porto Alegre

12. ***The Single Dose Pharmacokinetics of HLD200: A Modified Release Methylphenidate (MPH) Formulation in Children and Adolescents with Attention-Deficit/Hyperactivity Disorder (ADHD)***

Ann Childress¹, Bev Incledon², Albert Agro², Angus McLean²

¹Center for Psychiatry and Behavioral Medicine, Inc., ²Ironshore Pharmaceuticals & Development, Inc.

13. ***Childhood-onset Adult ADHD Treated with Methylphenidate Modified Release (MPH-LA) Maintained Functional Improvement over a Period of One Year***

M. Huss¹, Y. Ginsberg², T. Arngrim³, A. Philipsen⁴, P. Gandhi⁵, C.W. Chen⁶, V. Kumar⁶

¹Department of Child and Adolescent Psychiatry, University of Medicine, Mainz, Germany; ²Department of Medical Epidemiology and Biostatistics, Karolinska Institutet ³Private Clinic, Aarhus, Denmark; ⁴University Medical Center, Center for Mental Disorders, Department of Psychiatry and Psychotherapy, Freiburg, Germany; ⁵Novartis Healthcare Pvt. Ltd.

⁶Novartis Pharmaceuticals Corporation

14. ***Neurofeedback as a Non-pharmacological Treatment Option for Adult ADHD Patients in a Clinical Setting***

Preethika Sundararaj¹, Jennie Byrne²

¹University of North Carolina, Chapel Hill, ²Cognitive Psychiatry Chapel Hill

15. ***Sustained Attention Deficits in Pediatric Obsessive-Compulsive Disorder and Tic Disorders: A Comparison Using the Continuous Performance Test***

Nikola Fuerst¹, Michael Prazak¹, Ilse Lucke¹, Marco Grados¹

¹Johns Hopkins University

POSTERS

16. *Review of Atomoxetine Treatment in Adults with Attention-Deficit/Hyperactivity Disorder*

David Clemow¹, Oren Mason², Daniel J. Walker¹, Kathleen A. Day¹, Lenard A. Adler³

¹Eli Lilly and Company, ²Attention MD, ³New York University School of Medicine

17. OPEN BOARD

18. *Functional Impairment in ADHD: What Matters More, Symptoms or Personality?*

J. Allison He¹, K.E. Wagner, K.M. Antshel, J. Biederman, S.V. Faraone

¹Syracuse University

19. *A Population-based PK/PD Analysis of Dasotraline Efficacy in the Treatment of ADHD in Adults*

Seth Hopkins¹, Soujanya Sunkaraneni¹, Estela Skende¹, Julie Passarell², Jeremy Hing², Antony Loebel¹, Kenneth S. Koblan¹

¹Sunovion Pharmaceuticals, Inc., ²Cognigen Corporation

20. *Dasotraline in the Treatment of Adults with Attention-Deficit/Hyperactivity Disorder: A Randomized, Double-blind, Placebo-controlled Proof of Concept Trial*

Kenneth S. Koblan¹, Seth C. Hopkins¹, Kaushik Sarma¹, Fengbin Jin¹, Robert Goldman¹, Scott H. Kollins², Antony Loebel¹

¹Sunovion Pharmaceuticals Inc., ²Duke University

21. *Attention-Deficit/Hyperactivity Disorder with Sluggish Cognitive Tempo is Associated with Internalizing Disorders and Executive Function Deficits in Adults*

Mary Solanto¹, John Leikauf²

¹New York University, ²Stanford University

22. *Mixed Amphetamine Salts- Extended Release for Attention Deficit/Hyperactivity Disorder (ADHD) Adults with Cocaine Use Disorder*

Francis R. Levin¹, John J. Mariani, Marc Mooney, Sheila Specker, Amy Mahony, Daniel J. Brooks, Yun Bai, Lynn E. Eberly, Edward V. Nunes, John Grabowski

¹Columbia University, New York State Psychiatric Institute, and University of Minnesota

POSTERS

23. *Slow Learning Pattern in Risk Selection Process in Adolescents with ADHD*

Eliana Medrano¹, Julio César Flores¹

¹Secretaría de salud

24. *Emotional Bias of Cognitive Control in Adults with Childhood Attention-Deficit/Hyperactivity Disorder*

Kurt Schulz¹, Anne-Claude Bédard¹, Suzanne Clerkin², Jeffrey Halperin³, Jeffrey Newcorn¹

¹Icahn School of Medicine at Mount Sinai, ²Purchase College, State University of New York, ³Icahn School of Medicine at Mount Sinai, Queens College of the City University of New York

25. *A Pilot Study of a Novel Monoamine Triple Reuptake Inhibitor Centanafadine (EB-1020) SR in the Treatment of ADHD in Adults*

Timothy E. Willens¹, Andrew J. Cutler², Ann Childress³, Randall D. Marshall⁴, Mark Bradshaw⁵, Frank P. Bymaster⁶, Anthony A. McKinney⁷, Stephen W. Hurt⁸, Catherine M. O'Brien⁷, Timothy Hsu⁷

¹Massachusetts General Hospital, ²Psychiatry, Florida Clinical Research Center, LLC, ³Psychiatry, Center for Psychiatry and Behavioral Medicine, ⁴Clinical Development, Alkermes, Inc., ⁵Biostatistics, Global Consulting Partners in Medial Biometrics, LLC, ⁶Pharmacology, Neurovance, Inc., ⁷Clinical Development, Neurovance, Inc., ⁸Psychiatry, Weill Cornell Medical College

26. *Looking Into the Eye of ADHD - First Data on Photophobia in Adults with ADHD*

J.J. Sandra Kooij¹, Denise Bijlenga¹

¹PsyQ Expertise Center Adult ADHD

27. *Mediated Moderation of ADHD: Role of ODD and Mood Lability in Treatment*

Beth Krone¹, Mark Stein², Anne Claude Bedard¹, Tom Hildebrandt¹, Iliyan Ivanov¹, Jeffrey Newcorn¹

¹Icahn School of Medicine at Mount Sinai, ²University of Washington

POSTERS

28. *Prevalence of Attention-Deficit/Hyperactivity Disorder (ADHD) and Trauma in Latino Mothers of Youth with ADHD: Dyadic Complications and Treatment Implications*

Juan Pedraza¹, Jeffrey Newcorn¹, Eva Bayon¹, Beth Krone¹, Lenard Adler²
¹Icahn School of Medicine at Mount Sinai, ² NYU Langone Medical Center-Adult ADHD Program

29. *Methylphenidate and Atomoxetine Effects on Weekday and Weekend Sleep*

Jeffrey Newcorn¹, Mark Stein²
¹Icahn School of Medicine at Mount Sinai, ²University of Washington

30. *A Phase-2 Pharmacokinetic Study of a Modified Release Formulation of Dextroamphetamine Following Evening Administration to Adolescents and Children with ADHD*

Declan Quinn¹, Twyla Bode¹, Norberto J. DeSousa², Bev Incledon², Albert Agro², Angus McLean²
¹University of Saskatchewan, Royal University Hospital, ²Ironshore Pharmaceuticals & Development, Inc.

31. *Are There Different Classes of Children with Oppositional Defiant Disorder?*

Declan Quinn, Monica Cavanagh, Don Duncan, Amy Robson-McKay, Tom Graham, Lloyd Balbuena
 University of Saskatchewan, Royal University Hospital

32. *Understanding ODD as a Disorder of Emotional Regulation and the Psychometric Properties of an Emotional Dysregulation Scale to Better Measure Emotional Regulation in ADHD and ODD*

Declan Quinn¹, Don Duncan, Amy Robson-McKay, Tom Graham, Lloyd Balbuena, Monica Cavanagh
¹University of Saskatchewan, Royal University Hospital

33. *Chart Review Study of the Relationship of Adult ADHD and Cognitive Distortions*

Craig Strohmeier¹, Brad Rosenfield¹, Robert DiTomasso¹, J. Russell Ramsay²
¹Philadelphia College of Osteopathic Medicine, ²Perelman School of Medicine at the University of Pennsylvania

POSTERS

34. *Influence of Mindset on Compliance in Working Memory Training*

Stina Söderqvist¹, Alva Appelgren²

¹Pearson Clinical Assessment, ²Karolinska Institutet

35. *A Meta-analysis Investigating the Association between ADHD and Obesity*

Diane St. Fleur¹, Stephen Faraone¹, Carlos Renato, Luis Augusto, Samuel Cortes

¹SUNY Upstate Medical University

36. *Maintenance of Response in Attention-Deficit/Hyperactivity Disorder: What do Placebo-controlled Randomized Withdrawal Studies Tell Us?*

Himanshu Upadhyaya¹, David Adams¹, Yoko Tanaka¹, Rodrigo Escobar¹

¹Eli Lilly and Company

37. *Effects of Stimulants on Whole-brain Functional Connectivity in ADHD Revealed by Multivariate Distance Matrix Regression (MDMR) Analysis*

Zhen Yang¹, Clare Kelly², F. Xavier Castellanos³, Michael P. Milham⁴, Lenard A. Adler⁵

¹Child Mind Institute, ²The Child Study Center at NYU Langone Medical Center, ³Nathan Kline Institute for Psychiatric Research & The Child Study Center at NYU Langone Medical, ⁴Child Mind Institute & Nathan Kline Institute for Psychiatric Research, ⁵NYU School of Medicine

38. *Concussion and mTBI*

Jessica Uno¹, Lenard A. Adler², Samuel Alperin³, Heba Hedaway⁴, Samir Abul Magd⁵, David Baron¹

¹Keck, USC School of Medicine, ²NYU School of Medicine, ³Hofstra NS-LIJ School of Medicine, ⁴Ain Shams University, Cairo, Egypt, ⁵Cairo University, Cairo, Egypt

39. *ADHD and Impairment in a North American Census-based Sample*

C. Keith Conners¹, Joanna Solomon², Gill Sitarenios², Sara Rzepa²

¹Duke University Medical Center, ²Multi-Health Systems, Inc.

POSTERS

40. *Psychometric Properties of the Conners Comprehensive Behavior Rating Scales*

Gill Sitarenios¹, C. Keith Conners², Sara Rzepa¹, Joanna Solomon¹, Jenni Pitkanen¹

¹Multi-Health Systems, Inc., ²Duke University Medical Center

41. *Psychometric Properties of the Conners 3rd Edition*

C. Keith Conners², Sara Rzepa¹, Jenni Pitkanen¹, Joanna Solomon¹, Gill Sitarenios¹

¹Multi-Health Systems, Inc., ²Duke University Medical Center

42. *Development of the Conners 3 ADHD Index*

Sara Rzepa¹, C. Keith Conners², Gill Sitarenios¹, Jenni Pitkanen¹

¹Multi-Health Systems, Inc., ²Duke University Medical Center

43. *Development of the Conners Assessment System*

Jenni Pitkanen¹, C. Keith Conners², Gill Sitarenios¹, Sara Rzepa¹, Joanna Solomon¹

¹Multi-Health Systems, Inc., ²Duke University Medical Center

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