

APSARD 2017 ANNUAL MEETING PROGRAM BOOK



***FROM SCIENCE TO CLINICAL PRACTICE:
ADHD ACROSS THE LIFESPAN***

**JANUARY 13-15, 2017
THE MAYFLOWER HOTEL
WASHINGTON, D.C.**

JOINTLY SPONSORED BY:

APSARD

The American Professional Society
of ADHD and Related Disorders



APSARD

The American Professional Society
of ADHD and Related Disorders



Dear APSARD Colleagues:

Welcome to the 2017 Meeting of the American Professional Society of ADHD and Related Disorders! APSARD is the premier, multidisciplinary, scientific organization in the US devoted to the advancement of both the science and clinical practices benefitting individuals with ADHD. This year's theme, "From Science to Clinical Practice: ADHD Across the Lifespan" was chosen to highlight recent advances in basic, translational and clinical science on ADHD from preschool to college-age and beyond. The program is enriched with the very latest scientific advances as well as discussion of the latest (and some long-lasting) controversies relevant to ADHD.

The format includes state of the art plenaries, workshops, posters, and discussion groups led by internationally renowned scientists and clinicians. We also have special activities for young investigators/trainees and our international colleagues. Although APSARD has a large impact on the field of ADHD, we are relatively small as an organization.

I urge you to be active participant, and interact and network with other attendees, board members, and speakers. Also, please consider volunteering for APSARD committees throughout the year as we continue to grow the organization. These are exciting times for ADHD and for APSARD members. As we plan for next year's meeting, we also invite you to provide feedback on the meeting and suggestions for next year.

Enjoy the conference and take advantage of the rich and varied cultural offerings of Washington DC!

With warm regards,

A handwritten signature in black ink that reads "Mark Stein PhD.".

Mark Stein, PhD, ABPP
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 2017 APSARD Annual Meeting.

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

2017 Program Highlights

○ **Friday, January 13**

- Opening Plenary, *ADHD and Autistic Spectrum Disorder. What Are the Relationships?*
- Welcome Reception with Poster Presentations – Including a Poster Tour with Faculty

○ **Saturday, January 14**

- Breakfast for Travel Awardees
- *Meet the Editors (JAD)* Session
- President's Summary: *State of APSARD*
- Plenary Sessions: *New Perspectives on the Neurobiology of ADHD and Understanding and Assessing Executive Function vs. Core Symptoms in Adult ADHD*
- Symposium Sessions on Pre-school ADHD, College Students and ADHD, and Subthreshold ADHD
- Workshop, *A Mindfulness Intervention for ADHD in Adulthood*
- Poster Presentations at lunch – Including a Poster Tour with Faculty
- Reception: With Faculty and Attendees

○ **Sunday, January 15**

- *Meet the Experts* Session
- APSARD Business Meeting
- Plenary Sessions, *Clinical and Epidemiological Studies of ADHD Across the Life Span: Does Age of Onset Matter?* and *Genetic and Environmental Factors in ADHD*
- Symposia Sessions: *ADHD in Females* and *Stimulant vs Non-Stimulant Treatment of ADHD and Comorbidity*
- Lunch Discussion Groups on *Understanding and Measuring Impairment* and *Sluggish Cognitive Tempo*

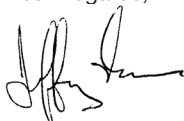
Organization

- The meeting is sponsored by the American Society for ADHD and Related Disorders (APSARD).
 - The Program Committee evaluates submitted proposals, develops program innovations, and invites speakers.
- 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.

Most importantly, please join us and become a member if you are not already!

Best Regards,



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

NOTES

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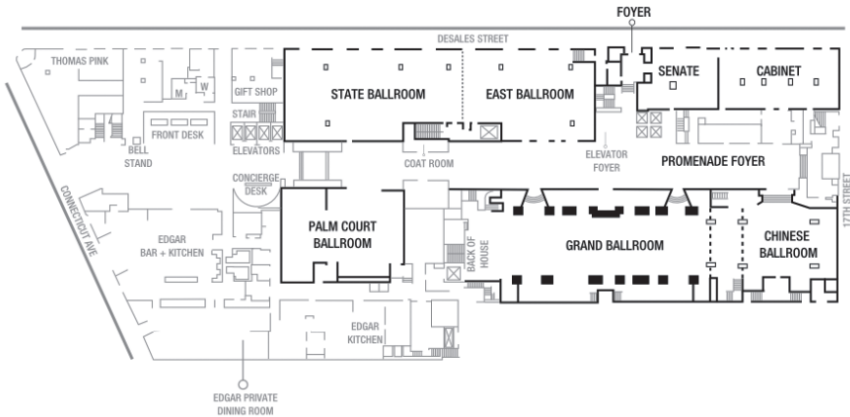
**Disclosures for all APSARD presenters can be
viewed at www.APSARD.org**

NOTES

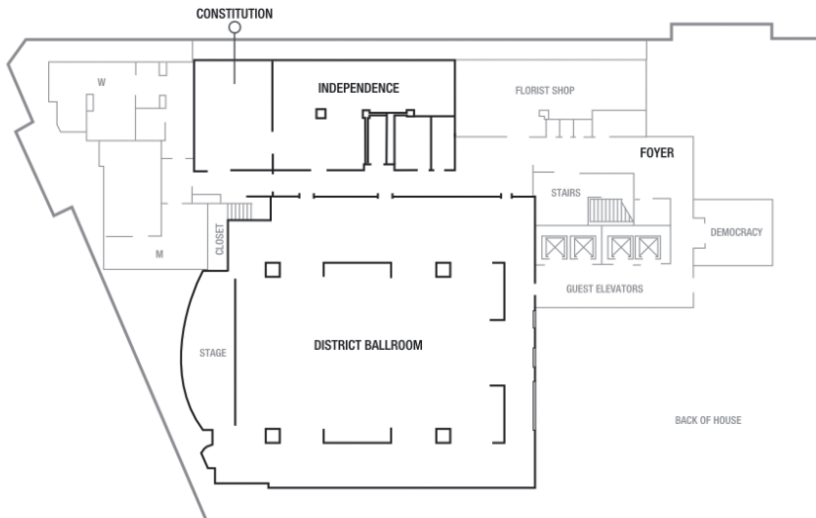
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MEETING SPACE MAPS

LOBBY LEVEL



LOWER LEVEL



MEETING SPACE MAPS

SECOND FLOOR



AWARD WINNERS & FEATURED SPEAKERS

Lifetime Achievement Award



Russell A. Barkley, Ph.D.

Medical University of South Carolina

Russell A. Barkley, Ph.D., is a Clinical Professor of Psychiatry at the Medical University of South Carolina. He is a Diplomate (board certified) in three specialties, Clinical Psychology (ABPP), Clinical Child and Adolescent Psychology, and Clinical Neuropsychology (ABCN, ABPP). Dr. Barkley is a clinical scientist, educator, and practitioner who has published 23 books, rating scales, and clinical manuals numbering 41 editions. He has also published more than 270 scientific articles and book chapters related to the nature, assessment, and treatment of ADHD and related disorders. He is the founder and Editor of the bimonthly clinical newsletter, *The ADHD Report*, now in its 20th year of publication. Dr. Barkley has presented more than 800 invited addresses internationally and appeared on nationally televised programs such as *60 Minutes*, *the Today Show*, *Good Morning America*, *CBS Sunday Morning*, *CNN*, and many other programs on behalf of those with ADHD. He has received awards from the American Psychological Association, American Academy of Pediatrics, American Board of Professional Psychology, Association for the Advancement of Applied and Preventive Psychology, American Professional Society for ADHD and Related Disorders, New England Educational Institute, the Wisconsin Psychological Association, and Children and Adults with ADHD (CHADD) for his career accomplishments, contributions to research in ADHD, to clinical practice, and for the dissemination of science. His websites are www.russellbarkley.org and ADHDLectures.com.

AWARD WINNERS & FEATURED SPEAKERS

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

Best Paper: *Current Mood Symptoms Do Not Affect the Accuracy of Retrospective Self-Ratings of Childhood ADHD Symptoms*

Katie Grogan¹, Jessica Bramham¹

¹University College Dublin, Ireland



Jessica Bramham, Ph.D.

University College Dublin, Ireland

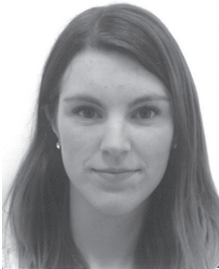
Jessica Bramham is an Associate Professor in Clinical Neuropsychology at the School of Psychology, University College Dublin. As an undergraduate, she studied Natural Sciences at Cambridge University, then completed a Doctorate in Clinical Psychology followed by a Ph.D. in Neuropsychology at the Institute of Psychiatry, King's College London. Jessica worked as a clinical psychologist in the Neuropsychiatry Department at the Maudsley Hospital and coordinated the UK National Adult ADHD Service. Jessica moved to University College Dublin in Ireland in January 2008 as a clinical academic. Her main research area is adulthood ADHD and its co-morbidities.

AWARD WINNERS & FEATURED SPEAKERS

Recipients of the Best Paper in the *Journal of Attention Disorders Award*

Katie Grogan, B.A.

University College Dublin, Ireland



Katie Grogan (B.A.) is a final year doctoral researcher and occasional lecturer at University College Dublin, under the supervision of Associate Professor, Jessica Bramham. Her Ph.D. research topic is entitled, '*Why are adults with ADHD likely to develop anxiety disorders? An investigation of risk factors, measurement techniques, and impact on neuropsychological functioning*', and is funded by the Irish Research Council Government of Ireland Postgraduate Scholarship. She has published articles relating to adulthood ADHD and comorbidity in journals such as *Journal of Attention Disorders* and *ADHD*, and has presented at conferences such as the UK Adult ADHD Network's (UKAAN) 4th Congress, London and the 5th World Congress of ADHD, Glasgow. Katie has also worked as a member of a multidisciplinary team at a specialist adult ADHD assessment clinic at St. Patrick's University Hospital, Dublin since January 2015. She received training on adult ADHD diagnostic techniques by UKAAN in October 2016. Katie's research interests focus on implementing recent empirical findings into clinical practice in a way that better the diagnostic process and prognostic outcome for adults with ADHD.

AWARD WINNERS & FEATURED SPEAKERS

Travel Grant Awardees

Toral Desai, M.D.

University of Virginia

Tyler Sasser, Ph.D.

Seattle Children's Hospital

Heather Joseph, D.O.

University of Pittsburgh School of
Medicine

Monique Simpson, M.D.

Western Psychiatric Institute &
Clinic/UPMC

Saniya Kibria, M.D.

New York - Presbyterian Hospital

Kayla Wagner, B.S.

Syracuse University

John Leikauf, M.D.

Stanford University School of
Medicine

Travel Grant Alternates

Judith Fernando, M.D., M.P.H.

Dartmouth-Hitchcock Medical Center

AWARD WINNERS & FEATURED SPEAKERS

Featured Speakers



Friday, January 13, 2017 from 5:30 PM – 7:00 PM
Attention Deficit Hyperactivity Disorder and
Autism Spectrum Disorders: Two Manifestations
of One Overarching Disorder?

Jan Buitelaar, M.D., Ph.D.
Radboud Universiteit

Jan Buitelaar is a Professor of Psychiatry and Child and Adolescent Psychiatry at the Radboud University Medical Centre, and Principal Investigator at the Donders Institute for Brain, Cognition and Behavior in Nijmegen. He is also head of Karakter Child and Adolescent Psychiatry University Centre in Nijmegen. He has a strong clinical and research interest in neuropsychiatric disorders as ADHD, autism and impulsivity and aggression related disorders, and has been involved in pharmacological, cognitive, clinical, genetic, and neuroimaging studies in these disorders. His current active research is focused on translational studies aiming to identify new molecular targets for ADHD, autism, and aggression through matching preclinical models to human imaging genetics studies. He has published more than 650 peer-reviewed papers.

AWARD WINNERS & FEATURED SPEAKERS



Friday, January 13, 2017 from 5:30 PM – 7:00 PM
Role of Metabotropic Glutamate Receptors (mGluRs) in the Etiology and Treatment of ADHD and Autism

Hakon Hakonarson, M.D., Ph.D.

Children's Hospital of Philadelphia

Hakon Hakonarson, M.D., Ph.D., is Director of the Center for Applied Genomics and Professor of Pediatrics at The University of Pennsylvania, Perelman School of Medicine. Dr. Hakonarson received his M.D. and Ph.D. from the University of Iceland, School of Medicine. He leads a \$40 million commitment from CHOP to genomically characterize approximately 100,000 children, an initiative that has gained nationwide attention in the *Wall Street Journal*, *New York Times*, *Time Magazine*, *Nature* and *Science*.

Dr. Hakonarson has previously held several senior posts within the biopharmaceutical industry, directing a number of genomics and pharmacogenomics projects as vice president of Clinical Sciences and Development at deCODE genetics, Inc. Dr. Hakonarson has been the principal investigator (PI) on several National Institute of Health-sponsored grants, and he was co-PI on the Neurodevelopmental Genomics: Trajectories of Complex Phenotypes, the largest project ever supported by the National Institute of Mental Health. Dr. Hakonarson recently completed a clinical biomarker study in ADHD demonstrating strong efficacy and safety of a neuromodulator compound in children with specific mutations in the glutamate metabotropic (mGluR) receptor family of genes (www.ClinicalTrial.gov).

Dr. Hakonarson has published over 500 scientific papers, including numerous high-impact papers on genomic discoveries and their translations in some of the most prestigious scientific medical journals, including *Nature*, *Nature Medicine*, *Nature Genetics*, *Cell* and *The New England Journal of Medicine*. *Time Magazine* listed Dr. Hakonarson's autism gene discovery project, reported in *Nature* in 2009, among the top 10 medical breakthroughs of that year. With over 15 years of experience in pioneering genomics research and genome-wide mapping and association studies, Dr. Hakonarson has intimate knowledge of the complexities of large-scale genomics projects and has put together the necessary infrastructure and workflow processes to unravel these complexities.

AWARD WINNERS & FEATURED SPEAKERS



Saturday, January 14, 2017 from 8:30 AM – 10:00 AM
Neuroscience of Mind Wandering

John Gabrieli, Ph.D.

Massachusetts Institute of Technology

John Gabrieli is the Director of the Athinoula A. Martinos Imaging Center at the McGovern Institute. He is an Investigator at the Institute, with faculty appointments in the Department of Brain and Cognitive Sciences and the Institute for Medical Engineering & Science, where he holds the Grover Hermann Professorship. He also has appointments in the Department of Psychiatry at Massachusetts General Hospital and the Harvard Graduate School of Education, and is the Director of the MIT Integrated Learning Initiative. Prior to joining MIT in 2005, he spent 14 years at Stanford University in the Department of Psychology and Neurosciences Program. He received a Ph.D. in Behavioral Neuroscience in the MIT Department of Brain and Cognitive Sciences and a B.A. in English from Yale University. In 2016 he was elected to the American Academy of Arts and Sciences.

AWARD WINNERS & FEATURED SPEAKERS



Saturday, January 14, 2017 from 8:30 AM – 10:00 AM
Neuroimaging of ADHD: Disorder-Specificity and Translation Into Neurotherapy

Katya Rubia, D. Phil.
King's College London

Katya Rubia is Professor of Cognitive Neuroscience at the Institute of Psychiatry, Psychology and Neuroscience, King's College London, UK, where she heads the Section of Developmental Neuroimaging at the Child & Adolescent Psychiatry Department. Prof. Rubia uses MRI to understand normal development of cognitive functions and their abnormalities in neurodevelopmental childhood disorders, most prominently in ADHD but also in autism, conduct disorder and obsessive-compulsive disorder and childhood abuse. She also investigates the effects of ADHD drugs on brain function, structure and neurochemistry using MRI and PET and has piloted fMRI-Neurofeedback as a novel neurotherapy for ADHD. Katya Rubia has published more than 180 papers in high impact journals, with an h-factor of 55. She obtained the Kramer-Pollnow Prize for her research in child psychiatry and is on the Editorial board of "Biological Psychiatry", "Biological Psychiatry: Cognitive Neuroscience & Neuroimaging" and "ADHD."

AWARD WINNERS & FEATURED SPEAKERS



Saturday, January 14, 2017 from 10:30 AM TO 11:30 AM
The World Health Organization Adult ADHD
Self-Reporting Screening Scale (ASRS) for DSM-5

Ronald Kessler, Ph.D.

Harvard University

Ronald C. Kessler, Ph.D. is the McNeil Family Professor of Health Care Policy at Harvard Medical School.

Dr. Kessler's research deals broadly with the social determinants of mental health and illness as studied from an epidemiological perspective. He is the author of over 600 publications and the recipient of many awards for his research, including the Senior Scientist and MERIT awards from the National Institute of Mental Health. He has been rated as the most widely cited researcher in the world in the field of psychiatry for each of the past fifteen years and is a member of both the Institute of Medicine and the National Academy of Sciences.

Dr. Kessler is the Principal Investigator of the U.S. National Comorbidity Survey, the first nationally representative survey of the prevalence and correlates of mental disorders in the U.S., and a Co-Director of the World Health Organization's World Mental Health Survey Initiative, a series of comparative community epidemiological surveys of the prevalence and correlates of mental disorders and treatment for these disorders in 26 countries around the world. In addition to his epidemiological studies, Dr. Kessler is involved in evaluating a number of innovative programs for the prevention and treatment of mental illness in high-risk segments of the population. Finally, Dr. Kessler is the Principal Investigator of the Harvard Medical School site for STARRS-LS, a research program funded by the Department of Defense to study risk and protective factors for suicide among Army personnel.

Dr. Kessler earned his Ph.D. in sociology from New York University in 1975. He completed a postdoctoral fellowship in psychiatric epidemiology at the University of Wisconsin before joining the faculty at the University of Michigan in 1979. He was a Professor of Sociology and a Program Director at Michigan's Institute for Social Research at the time he took his current position at Harvard Medical School in 1994.

AWARD WINNERS & FEATURED SPEAKERS



Saturday, January 14, 2017 from 10:30 AM to 11:30 AM

Understanding and Assessing Executive Function vs. Core Symptoms in Adult ADHD

Lenard Adler, M.D.

NYU School of Medicine

Lenard A. Adler, M.D. is the Director of the Adult ADHD Program in the Department of Psychiatry and Professor of Psychiatry and Child and Adolescent Psychiatry at the NYU School of Medicine. He obtained a B.A. in Economics from the College of Arts and Sciences at Cornell University in 1978. He earned his M.D. from Emory University School of Medicine in 1982, and completed his residency in Psychiatry in 1986 at NYU School of Medicine. He has been interviewed numerous times in national media venues, including *60 Minutes* and the *Today Show*, as well as *The New York Times*, *USA Today* and *U.S. News & World Report* on Adult ADHD. He is an active investigator and frequent lecturer, who has authored and coauthored more than 130 peer-reviewed articles and book chapters. He is also author of the popular book on Adult *ADHD: SCATTERED MINDS*, G.P. Putnam's Sons 2006 and co-editor of the textbook *Attention-Deficit Hyperactivity Disorder in Children and Adults*, Cambridge University Press 2015.

AWARD WINNERS & FEATURED SPEAKERS



Sunday, January 15, 2017 from 9:00 AM – 10:30 AM

**ADHD From Childhood Through Adulthood:
Perspectives From a Population-Based
Longitudinal Study**

William Barbaresi, M.D.

Children's Hospital, Boston

Dr. Barbaresi is the Wade Family Foundation Chair in Developmental Medicine, Director of the Developmental Medicine Center and Associate Chief of the Division of Developmental Medicine at Children's Hospital Boston and Professor of Pediatrics at Harvard Medical School. He was formerly Associate Professor of Pediatrics at the College of Medicine, Mayo Clinic, Chair of the Division of Developmental and Behavioral Pediatrics at Mayo Clinic and Co-Director of the Mayo Clinic Dana Child Development and Learning Disorders Program. Dr. Barbaresi's clinical practice includes children with developmental delays, mental retardation, autism spectrum disorders, attention-deficit/hyperactivity disorder, and learning disabilities, and behavior problems.

Dr. Barbaresi is a member of the American Board of Pediatrics, and past Chair of the Sub-Board for Developmental and Behavioral Pediatrics. He has held leadership positions in national organizations, including membership on the Board of Directors of the Society for Developmental and Behavioral Pediatrics. He is a member of the Editorial Board of the Journal of Developmental and Behavioral Pediatrics. He recently co-authored a report for the Institute of Medicine of the National Academy of Sciences on Speech and Language Disorders in Children.

Dr. Barbaresi's research has included studies of the epidemiology of learning disorders, AD/HD and autism. He has authored numerous original scientific manuscripts, abstracts and book chapters on these topics. He is continuing work as Principal Investigator of a National Institute of Mental Health funded study of long-term outcomes for children with AD/HD. He is the Director of Research for the national Developmental and Behavioral Pediatrics Research Network (DBPNet), funded by the Maternal and Child Health Bureau.

AWARD WINNERS & FEATURED SPEAKERS



Sunday, January 15, 2017 from 9:00 AM – 10:30 AM
Sailing in Troubled Waters: New Findings on ADHD
Adolescent and Young Adult-Onset Trajectories
and Their Childhood Predictors

Luis Rohde, M.D., Ph.D.

Federal University of Rio Grande do Sul

Luis A. Rohde, M.D., Ph.D. is Professor of Child and Adolescent Psychiatry in the Department of Psychiatry at the Federal University of Rio Grande do Sul, Brazil, Director of the Program for Attention-Deficit/Hyperactivity Disorder at the Hospital de Clinicas de Porto Alegre, and Vice-Coordinator of the National Institute of Developmental Psychiatry for Children and Adolescent, Brazil. He is currently Associate Editor of the Attention Deficit and Hyperactivity Disorder, International Editor of the *Journal of the American Academy Child and Adolescent Psychiatry* and former Co-Editor of the *European Child and Adolescent Psychiatry*.

He is President of the World Federation of ADHD, and was former Vice-President of the International Association of Child and Adolescent Psychiatry and Allied Professions.

Dr. Rohde's research interests include ADHD epidemiology, genetics, pharmacogenetics, neuroimaging, and the effects of pharmacological and psychosocial treatments for ADHD. He has published extensively in peer review international and national journals (more than 250 papers), and has been an author or co-author in over 40 book chapters and editorials. He is editor or organizer of 8 books addressing child and adolescent mental health published in Brazil, UK, Germany and the US.

AWARD WINNERS & FEATURED SPEAKERS



Sunday, January 15, 2017 from 11:00 AM – 12:30 PM
The Biology of ADHD: From Basic Science to Application in the Clinic

Barbara Franke, Prof.
Radboud Universiteit

Barbara Franke is a Professor of Molecular Psychiatry at the Radboud University Medical Center and a Principal Investigator at the Donders Institute for Brain, Cognition and Behaviour in Nijmegen, The Netherlands. As a molecular biologist and geneticist, her research is focused on understanding the genetic contribution to (neurodevelopmental) psychiatric disorders, with a particular focus on ADHD. In addition to gene-finding approaches involving common and rare genetic variation, she uses bioinformatics, neuroimaging genetics, and small animal models to map biological pathways leading from gene to disease. She is the founder of the International Multicenter persistent ADHD Collaboration (IMpACT), a founding member and co-lead of the international ENIGMA Consortium on neuroimaging genetics, and the coordinator of several international consortia funded by the European Union, including the Aggressotype and MiND projects on ADHD comorbidity with aggression and autism. Barbara Franke has co-authored over 330 papers, her current H-factor is 64. She has received several prizes and awards, including Aspasia and Vici awards from the Netherlands Organization for Scientific Research (NWO) and the Radboud Hermesdorf International Prize 2013. For more information about her research and a full CV, please see <http://www.ru.nl/people/donders/franke-b/>.

AWARD WINNERS & FEATURED SPEAKERS



Sunday, January 15, 2017 from 11:00 AM – 12:30 PM
ADHD and the Environment: Scientific Rationale
and the Issue of Causality

Joel Nigg, Ph.D.

Oregon Health & Science University

Dr. Nigg obtained his A.B. at Harvard College, a Masters in Social Work at The University of Michigan, and Ph.D. in clinical Psychology at the University of California at Berkeley. Prior to obtaining his Ph.D. he worked for several years with youth in inner city Detroit, and then for several years as a clinician on an inpatient psychiatry unit. After obtaining his Ph.D. he was on the faculty at Michigan State University for 13 years. He is currently a Professor of Psychiatry and Behavioral Neuroscience and Director of the Division of Psychology at Oregon Health and Science University. He is a licensed psychologist who continues to co-direct an ADHD clinic. His research on ADHD has been supported by the National Institute of Mental Health continuously since 1998 and he was recently awarded a prestigious MERIT award from NIMH. He has published over 170 peer reviewed scientific papers in addition to numerous book chapters, editorials and reviews. His work has been cited over 10000 times. He is most recognized for his work on the neuropsychology of ADHD but he has also contributed in several other areas, most recently on gene and environment interplay.

ACKNOWLEDGEMENTS

Program Committee Members

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

Joseph Biederman, M.D.
Massachusetts General Hospital

Tanya Froehlich, M.D., MS
Cincinnati Children's Hospital
Medical Center

Scott Kollins, Ph.D.
Duke University

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Columbia University Medical
Center

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Cincinnati Children's Hospital
Medical Center

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ADHD Coach Academy

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Journal of Attention Disorders

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Johns Hopkins School of Medicine

ACKNOWLEDGEMENTS

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Icahn School of Medicine at Mount
Sinai

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Margaret Weiss, M.D., Ph.D.
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Children and Women's Health
Centre

MEETING ANNOUNCEMENTS

Meeting Services

Registration Desk Hours:

Friday, January 13 3:00 PM – 7:00 PM

Saturday, January 14 7:00 AM – 6:30 PM

Sunday, January 15 7:30 AM – 4:30 PM

*The registration/meeting information desk is located in the Promenade 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 Independence Meeting Room, Lower Level.

Friday, January 13 1:00 PM – 6:00 PM

Saturday, January 14 7:00 AM – 5:00 PM

Sunday, January 15 7:00 AM – 2:30 PM

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.

APSARD Mobile App- The APSARD mobile app is now available in the app store for iPhones and in Google Play for Androids. Search APSARD2017 and download today! View the latest schedule, attendee list and abstracts!

MEETING ANNOUNCEMENTS

Continuing Education Credits

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/meeting. ***Surveys for continuing education credit must be submitted no later than February 8, 2017.***

Disclosures

Disclosures are available for all APSARD Annual Meeting presenters online at www.APSARD.org/meeting/program. 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

This meeting is jointly sponsored by the American Professional Society of ADHD and Related Disorders and AMEDCO.



Continuing Education Credit Information:

CME Credit Statement:

Amedco designates this live activity for a maximum of 13 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CME Approval Statement:

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 the Amedco and the American Professional Society of ADHD & Related Disorders. Amedco is accredited by the ACCME to provide continuing medical education for physicians.

MEETING ANNOUNCEMENTS

Nursing Accreditation Statement:

Amedco is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Nursing Credit Designation Statement:

This course is co-provided by Amedco and the American Professional Society of ADHD & Related Disorders. Maximum of 13 contact hours.

APA

Psychologists:

This course is co-sponsored by Amedco and Northeastern Society for Group Psychotherapy. Amedco is approved by the American Psychological Association to sponsor continuing education for psychologists. Amedco maintains responsibility for this program and its content. 13 hours.

Professional Counselors in these 41 states can submit APA:

AK, AR, AZ, CA, CO, CT, DC, DE, FL, GA, IA, ID, IL, IN, KS, ME, MO, MN, NC, ND, NH, NE, NJ, NM, NV, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY

MFT's in these 31 states can submit APA:

AK, AR, AZ, CA, CO, CT, DE, FL, IA, ID, IN, KS, ME, MO, NE, NC, NH, NM, NJ, NV, OK, OR, PA, SC, SD, TN, TX, UT, VA, WI, WY

Addiction Professional in these 26 states can submit APA:

AK, AR, CO, CT, DE, GA, IA, IN, KS, LA, MO, MT, NE, NM, NC, ND, NJ, NV, NY (outstate held), OK, OR, SC, UT, WA, WI, WY

ASWB

Social Workers:

Amedco, #1346, is approved as a provider for social work continuing education by the Association of Social Work Boards (ASWB) www.aswb.org, through the Approved Continuing Education (ACE) program. Amedco maintains responsibility for the program. ASWB Approval Period: 06/24/2016– 06/24/2016. Social workers should contact their regulatory board to determine course approval for continuing education credits.

Social workers participating in this course may receive up to 13 clinical continuing education clock hours.

MEETING ANNOUNCEMENTS

Social Workers (continued):

Professional Counselors in these 30 states can submit ASWB:

AK, AR, AZ, CA, CO, CT, DC, FL, GA, IA, ID, IL, IN, KS, ME, MO, ND, NE, NM, NH, NV, OK, PA, TN, TX, UT, VA, WI, WY

MFT's in these 25 states can submit ASWB:

AK, AR, AZ, CA, CO, FL, IA, ID, IN, KS, ME, MO, NC, NE, NH, NM, NV, OK, PA, TN, TX, UT, VA, WI, WY

Addictions Professionals in these 19 states can submit ASWB:

AK, CA, CO, CT, GA, IA, IN, KS, LA, MO, MT, ND, NM, NV, OK, OR, SC, WA, WI, WV, WY

Satisfactory completion

Participants must complete an attendance/evaluation form to receive a certificate of completion/attendance. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available.

All participants who request continuing education credits by February 8, 2017, should expect to receive their statement of credits via email in March.

The Meeting Evaluation Survey will be available at www.APSARD.org/meeting. 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 2017 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:

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Exhibitors

Please visit the exhibitors in the Promenade Foyer during the meeting.

- Arbor Pharmaceuticals
- CAADRA
- Duke Clinical Research Institute
- Genomind
- NEBA Health
- Qbtech
- Rhodes Pharmaceuticals
- Shire Pharmaceuticals
- Tris Pharmaceuticals
- The TOVA Company
- Vaya Pharmaceuticals

NOTES

This image shows a single page 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.

SCHEDULE AT A GLANCE

FRIDAY, JANUARY 13, 2017

3:00 PM – 7:00 PM	Registration Open Promenade Foyer
3:00 PM – 5:00 PM	APSARD Board Meeting (By Invitation) Senate
5:30 PM – 7:00 PM	Welcome and Opening Plenary Session: <i>ADHD and Autistic Spectrum Disorder.</i> <i>What Are the Relationships?</i> Grand Ballroom
7:00 PM – 8:30 PM	Reception and Poster Presentations with Poster Tours East & State Ballroom

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.

FULL SCHEDULE

FRIDAY, JANUARY 13, 2017

3:00 PM – 7:00 PM	Registration Open Promenade Foyer
3:00 PM – 5:00 PM	APSARD Board Meeting (By Invitation) Senate
5:30 PM – 7:00 PM	Welcome and Opening Plenary Session: <i>ADHD and Autistic Spectrum Disorder. What Are the Relationships?</i> Grand Ballroom

Chair: Gagan Joshi, Harvard Medical School, Massachusetts General Hospital

Role of Metabotropic Glutamate Receptors (mGluRs) in the Etiology and Treatment of ADHD and Autism

Hakon Hakonarson, Children's Hospital of Philadelphia and University of Pennsylvania

Attention Deficit Hyperactivity Disorder and Autism Spectrum Disorder: Two Manifestations of One Overarching Disorder?

Jan Buitelaar, Radboud University Medical Center

Overall Abstract: There is frequent comorbidity of Autism Spectrum Disorder (ASD) and Attention-Deficit / Hyperactivity Disorders (ADHD), which are both neuropsychiatric and neurodevelopmental disorders. The high co-occurrence rates suggest that there is overlap of genetic factors, cognitive dysfunctions, and functional and structural brain characteristics. These talks will discuss the evidence for shared factors involved in both ASD and ADHD. One in particular is the role of metabotropic glutamate receptors, which has been noted to play a crucial role in many neurodevelopmental disorders. We will also cover current research, clinical significance, and future directions for research and treatment of ASD and ADHD.

Learning Objectives:

- Appreciate the high rates of Autism and ADHD co-occurrence and their shared genetic factors, cognitive dysfunctions, and functional and structural brain characteristics.
- Gain understanding of the role of metabotropic glutamate receptors in the etiology and treatment of ADHD and Autism.

FULL SCHEDULE

7:00 PM – 8:30 PM

**Reception and Poster Presentations With
Poster Tours**

East & State Ballroom

**See pages 51 through 58 for Friday's poster
listings

SCHEDULE AT A GLANCE

SATURDAY, JANUARY 14, 2017

7:00 AM – 6:00 PM	Registration Open Promenade Foyer
7:00 AM – 8:00 AM	APSARD Travel Fellow Breakfast (By Invitation) South Carolina
7:00 AM – 8:00 AM	<i>Meet the JAD Editors Session</i> Grand Ballroom
7:30 AM – 8:30 AM	Morning Break East & State Ballroom
8:15 AM – 8:30 AM	President's Summary: State of APSARD Grand Ballroom
8:30 AM – 10:00 AM	Plenary Session: <i>New Perspectives on Neurobiology of ADHD</i> Grand Ballroom
10:00 AM – 10:30 AM	Coffee Break East & State Ballroom
10:30 AM – 11:30 AM	Plenary Session: <i>Understanding and Assessing Executive Function vs. Core Symptoms in Adult ADHD</i> Grand Ballroom
11:30 AM – 1:00 PM	Poster Session With Lunch and Poster Tours East & State Ballroom
1:00 PM – 3:00 PM	Symposia Sessions
<i>Are Subsyndromal Manifestations of Disorders Meaningful?</i> Grand Ballroom	<i>ADHD in College Students</i> Chinese Ballroom
3:00 PM – 3:30 PM	Coffee Break East & State Ballroom

SCHEDULE AT A GLANCE

3:30 PM – 5:30 PM

Concurrent Symposia/Workshop Sessions

<i>Current Issues and Mandates in Preschool ADHD</i>	<i>A Mindfulness Intervention for ADHD in Adulthood</i>
Grand Ballroom	Chinese Ballroom

5:30 PM – 6:00 PM

Lifetime Achievement Award Presentation

Grand Ballroom

6:00 PM – 7:00 PM

Reception and Poster Viewing

East & State Ballroom

FULL SCHEDULE

SATURDAY, JANUARY 14, 2017

7:00 AM – 6:00 PM	Registration Open Promenade Foyer
7:00 AM – 8:00 AM	APSARD Travel Fellow Breakfast (By Invitation) South Carolina
7:00 AM – 8:00 AM	<i>Meet the JAD Editors Session</i> Grand Ballroom
7:30 AM – 8:30 AM	Morning Break East & State Ballroom
8:15 AM – 8:30 AM	President's Summary: State of APSARD Grand Ballroom Mark Stein, University of Washington
8:30 AM – 10:00 AM	Plenary Session: <i>New Perspectives on Neurobiology of ADHD</i> Grand Ballroom

Chair: Jeffrey Newcorn, Icahn School of Medicine at Mount Sinai

Neuroimaging of ADHD, Disorder-Specificity and Translation Into Neurotherapy

Katya Rubia, King's College London

Neurodiversity in Adult ADHD

John Gabrieli, Massachusetts Institute of Technology

Overall Abstract: This session will present results of studies using brain imaging to examine the multiplicity of brain regions and neural networks implicated in the pathophysiology of ADHD. It will consider similarities and differences in underlying neurobiology between ADHD and other disorders, and differences in neurobiology as a function of specific neuropsychological deficits, such as working memory. It will also examine the potential role of neurofeedback in attempting to modify regional activation and network function. Of considerable importance is the emerging role of the default mode network, the function of this region in relation to mind-wandering, and the coordinated relationship between default mode and task-positive network activity.

FULL SCHEDULE

Learning Objectives:

- To understand results of studies examining the neurobiology of ADHD, and appreciate the multiplicity of brain regions implicated in the disorder.
- To understand the potential role of the default mode network to the pathophysiology of ADHD.
- To understand similarities and differences in underlying neurobiology between individuals with ADHD who have working memory deficits and those who do not.
- To appreciate the potential emerging role of neurofeedback in modifying brain network activity and thereby produce therapeutic improvement in individuals with ADHD.

10:00 AM – 10:30 AM **Coffee Break**
East & State Ballroom

10:30 AM – 11:30 AM **Plenary Session: *Understanding and Assessing Executive Function vs. Core Symptoms in Adult ADHD***
Grand Ballroom

Chair: Lenard Adler, NYU School of Medicine

Clinical Implications of Core Symptoms of Inattention and Hyperactivity/Impulsivity Vs. Executive Function (EF) and Emotional Control (EC) in Adult ADHD

Lenard Adler, NYU School of Medicine

The World Health Organization Adult ADHD Self- Reporting Screening Scale (ASRS) for DSM-5

Ronald Kessler, Harvard University

Overall Abstract: This session will present recent findings as to the importance of core DSM symptoms of Inattention (IA) and Hyperactivity-Impulsivity (HI) vs. symptoms of Executive Function (EF) and Emotional Control (EC) in Adult ADHD. Data will be presented as to the loading and impact of these core symptoms and co-travelling symptoms of EF and EC. The session will also present data as to the development and validation of dsm-5 version of the Adult ADHD Self-Report Screener (ASRS Screener); psychometrics of this updated version of this screener will also be presented.

FULL SCHEDULE

Learning Objectives:

- To discuss the importance of core symptoms of inattention and hyperactivity-impulsivity vs. the co-travelling symptoms of executive function and emotional control deficits.
- To understand the scoring and symptoms contained in the dsm-5 version of the ASRS Screener.

11:30 AM – 1:00 PM **Poster Session With Lunch and Poster Tours**
East & State Ballroom
**See pages 59 through 67 for Saturday's poster listings

Concurrent Symposia Sessions

1:00 PM – 3:00 PM ***Are Subsyndromal Manifestations of Disorders Meaningful?***
Grand Ballroom

Chair: Joseph Biederman, Massachusetts General Hospital

1:00 PM – 1:10 PM **Introduction**

1:10 PM – 1:30 PM ***Subthreshold Psychosis Symptoms in the Philadelphia Neurodevelopmental Cohort***
Raquel Gur, University of Pennsylvania

1:30 PM – 1:50 PM ***The Consequences of Being Impaired but Undiagnosed***
William Copeland, Duke University

1:50 PM – 2:10 PM ***Similar Familial Underpinnings for Full and Subsyndromal Pediatric Bipolar Disorder: A Familial Risk Analysis***
Stephen Faraone, SUNY Upstate Medical University

2:10 PM – 2:30 PM ***Can Subsyndromal Manifestations of Major Depression Be Identified in Children at Risk?***
Joseph Biederman, Massachusetts General Hospital

2:30 PM – 3:00 PM **Discussion**

FULL SCHEDULE

Overall Abstract: This symposium will focus on ongoing efforts to assess the clinical and scientific relevance of subsyndromal manifestations of psychiatric disorders afflicting the young. Dr. Biederman investigated the utility of subsyndromal scores on the Child Behavior Checklist (CBCL) Anxiety/Depression scale in identifying children at the highest risk for pediatric MDD from among the pool of children of parents with MDD. Subsyndromal scores on the CBCL Anxiety/Depression scale significantly separated the children at high risk for pediatric MDD from those at low risk in a variety of functional areas, including social and academic functioning whereas children at genetic risk without elevated CBCL Anxiety/Depression scale scores were largely indistinguishable from controls. These results suggest that the CBCL Anxiety/Depression scale can help identify children at highest risk for pediatric MDD. Dr. Faraone used familial risk analysis to examine the validity of subthreshold pediatric bipolar-I (BP-I) disorder in child probands with full BP-I disorder, subthreshold BP-I disorder, ADHD, and healthy controls. Relatives of full BP-I and relatives of subthreshold BP-I probands had similarly elevated risk for BP-I disorder that were significantly higher than the rates in relatives of ADHD and relatives of control probands. These findings support the diagnostic continuity between subsyndromal and fully syndromal states of pediatric BP-I disorder. Dr. Copeland's presentation uses data from a prospective, population-based study of 1420 participants assessed with structured interviews up to 6 times in childhood (ages 9 to 16; 6674 observations) for subthreshold psychiatric problems. Participants were then assessed 4 times in young adulthood (ages 19, 21, and 25 and 30; 4556 observations of 1273 subjects) for psychiatric outcomes as well as functional outcomes. At any given childhood observation, 19-21% of the sample displayed significant impairment secondary to psychiatric symptoms but did not meet criteria for a psychiatric disorder. By age 16, 30-35% of children displayed symptomatic impairment while never meeting criteria for a well-specified adult disorder. This group was at increased risk of meeting criteria for an adult psychiatric disorder or displaying a critical outcome in adulthood. These results support the conclusion that the number of children affected by psychiatric symptoms is far greater than those that meet criteria for a psychiatric disorder. Such children are at risk for later psychiatric and functional problems even if they never meet full criteria for a childhood psychiatric disorder. Dr. Gur will present data on efforts at advancing early identification and intervention of subthreshold psychosis and concomitant underlying neurobiological processes. Using data from the Philadelphia Neurodevelopmental Cohort that evaluated ~ 10,000 genotyped youths age 8-21 years ascertained through a pediatric network at Children's Hospital of Philadelphia.. Subthreshold PS was noted in 12.3% of youths, age 11-

FULL SCHEDULE

21, and was associated with other clinical features including depression and anxiety as well as cognitive deficits relative to typically developing (TD) youth, with most pronounced impairments on complex and social cognition domains. Multimodal neuroimaging showed that the PS group had a steeper decline in gray matter associated with development, impaired connectivity and diffusivity and aberrant pattern of fMRI activity during performance of a working memory and emotion recognition tasks: These alterations in brain-behavior measures evident early in the psychosis process can assist in early identification and intervention aimed at impacting developmental trajectories.

Learning Objectives:

- The audience will learn about the clinical and scientific importance of subthreshold diagnoses in pediatric psychiatry.
- The audience will learn about clinical examples of conditions in which a subthreshold diagnosis was specifically assessed.
- The audience will learn about the scientific and therapeutic implications of considering subthreshold diagnoses in practice.

1:00 PM – 3:00 PM	<i>ADHD in College Students</i> Chinese Ballroom
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Chair: Kevin Antshel, Syracuse University

1:00 PM – 1:10 PM	Introduction
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1:10 PM – 1:30 PM	<i>ADHD Stigma and Malingering in College Students</i> Kevin Antshel, Syracuse University
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1:30 PM – 1:50 PM	<i>Longitudinal Outcome of College Students With ADHD</i> Arthur Anastopoulos, University of North Carolina at Greensboro
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1:50 PM – 2:10 PM	<i>Stimulant Diversion Among College Students With ADHD and the Primary Care-Provider Relationship</i> Brooke Molina, University of Pittsburgh
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2:10 PM – 2:30 PM	<i>Accommodations in College Students With ADHD</i> Larry Lewandowski, Syracuse University
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2:30 PM – 3:00 PM	Discussion
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FULL SCHEDULE

Overall Abstract: ADHD is a prevalent neurodevelopmental disorder that persists into adulthood. More than half of children with ADHD will attend a 2- or 4-year university, with prevalence rates of ADHD in college students estimated to be 5%. At least 25% of college students receiving disability services have ADHD. Thus, ADHD exists on college campuses. Despite ADHD existing in greater numbers on college campuses, our knowledge and understanding of ADHD in college students is relatively limited. This symposium brings together four clinical researchers who all have expertise in college students with ADHD. Individual talks will explore (a) understanding the longitudinal trajectory of ADHD in college and how best to intervene, (b) academic accommodations for college students with ADHD and what data and the law say about these accommodations, (c) stimulant medication misuse and diversion in college students with a focus on prevention within the primary care setting and (d) ADHD stigma and malingering in college students.

Learning Objectives:

- Increase participant understanding of how ADHD and its associated features and functional impairments unfold across the first four years of college, and are moderated/mediated by demographics and other variables of clinical interest.
- Understand opportunities for college student stimulant diversion prevention within the primary care setting.
- Understand current controversies in the provision of testing accommodations to college students with ADHD, making reference to relevant research where appropriate.
- Increase knowledge of associations between ADHD stigma and ADHD malingering in college students.

3:00 PM – 3:30 PM

Coffee Break

East & State Ballroom

FULL SCHEDULE

Concurrent Symposia/Workshop Sessions

3:30 PM – 5:30 PM ***Current Issues and Mandates in Preschool ADHD***
Grand Ballroom

Chair: Scott Kollins, Duke University

3:30 PM – 3:40 PM **Introduction**

3:40 PM – 4:05 PM ***An Overview of Preschool ADHD: Developmental, Diagnostic, and Treatment Considerations***
Scott Kollins, Duke University

4:05 PM – 4:30 PM ***Longitudinal Trajectories of Preschool Children at Risk for ADHD: Factors Associated With Variability of Outcomes***
Jeffrey Halperin, Queens College

4:30 PM – 4:55 PM ***Clinical Trials in Preschool ADHD: A Regulatory Perspective***
Graciela Gonzalez and Tiffany Farchione, FDA

4:55 PM – 5:30 PM **Discussion**

Overall Abstract: ADHD is known to be a developmental disorder that emerges early in childhood, though there is controversy over how early the condition can be reliably diagnosed and the best approaches for treatment. This symposium will feature up-to-date information on the validity and reliability of ADHD diagnosis in preschool children, as well as what is known about safety and efficacy of both pharmacological and non-pharmacological treatments. We will also review data regarding how early behavioral and neurocognitive markers can predict outcomes later in life among young children at risk for ADHD. Finally, we will present a regulatory perspective on the importance of gathering data on the safety and efficacy of treatments in young children with ADHD.

FULL SCHEDULE

Learning Objectives:

- Identify the primary treatment modalities with empirical support for managing ADHD in preschool aged children.
- Understand the developmental trajectories of young children at risk for ADHD and how they are related to clinical outcomes.
- Recognize the regulatory environment for approving treatments for preschool children with ADHD.

3:30 PM – 5:30 PM

A Mindfulness Intervention for ADHD in Adulthood

Chinese Ballroom

John Mitchell, Duke University Medical Center

Overall Abstract: Mindfulness-Based Interventions (MBIs) involve the teaching of mindfulness meditation practices to target a variety of outcomes among different medical, psychiatric, and non-clinical populations. MBIs are particularly applicable for individuals with attention-deficit/hyperactivity disorder (ADHD) given that this treatment approach targets mechanisms that are also implicated in ADHD. Treatment outcome studies among adults diagnosed with ADHD demonstrate medium to large effect sizes for core symptoms and characteristic features of the disorder. There are currently few clinician materials to guide practitioners in administering an adapted MBI for adults diagnosed with ADHD. Therefore, the objectives of this workshop are to (a) define MBIs, (b) describe the rationale for applying MBIs to adults with ADHD, (c) establish the evidence-base of MBIs for ADHD, and (d) detail a MBI adapted for adults with ADHD: the Mindful Awareness Practices (MAPs) for ADHD Program. The latter will include a session-by-session description of the MAPs for ADHD Program.

Learning Objectives:

- Define mindfulness-based interventions (MBIs).
- Describe the rationale for applying MBIs to adults with ADHD.
- Establish the evidence-base of MBIs for ADHD in adulthood.
- Detail a MBI adapted for adults with ADHD.

5:30 PM – 6:00 PM

Lifetime Achievement Award Presentation, Russell Barkley, Ph.D.

Grand Ballroom

6:00 PM – 7:00 PM

Poster Viewing and Reception

East & State Ballroom

SCHEDULE AT A GLANCE

SUNDAY, JANUARY 15, 2017

7:30 AM – 3:00 PM	Registration Open Promenade Foyer
7:00 AM – 8:00 AM	International Committee Breakfast and Business Meeting (By Invitation) Virginia
7:00 AM – 8:00 AM	Education and Social Media Committee Meeting (By Invitation) Senate
7:00 AM – 8:00 AM	<i>Meet the Experts</i> Grand Ballroom
7:00 AM – 8:00 AM	<i>Meet the Experts</i> Chinese Ballroom
7:30 AM – 8:30 AM	Morning Break East & State Ballroom
8:15 AM – 9:00 AM	APSARD Business Meeting Grand Ballroom
9:00 AM – 10:30 AM	Plenary Session: <i>Clinical and Epidemiological Studies of ADHD Across the Life Span: Does Age of Onset Matter?</i> Grand Ballroom
10:30 AM – 11:00 AM	Coffee Break East & State Ballroom
11:00 AM – 12:30 PM	Plenary Session: <i>Genetic and Environmental Factors</i> Grand Ballroom
12:30 PM – 2:30 PM	Lunch Session and Poster Viewing East & State Ballroom

Sunday,
January 15, 2017

SCHEDULE AT A GLANCE

12:30 PM – 2:00 PM **Lunchtime Discussion Groups**

<i>Understanding and Measuring Impairment in ADHD</i>	<i>ADHD and Sluggish Cognitive Tempo: What Are the Data and What Are the Relationships?</i>
Grand Ballroom	Chinese Ballroom

12:30 PM – 2:00 PM **Meet the Experts**
Senate

12:30 PM – 2:00 PM **Meet the Experts**
Cabinet

2:30 PM – 4:30 PM **Symposia Sessions**

<i>Stimulant Vs. Nonstimulant Treatment of ADHD and Related Disorders</i>	<i>A Data-Driven Approach to Understanding ADHD in Females Across the Lifespan</i>
Grand Ballroom	Chinese Ballroom

4:30 PM **Meeting Adjourns**

FULL SCHEDULE

SUNDAY, JANUARY 15, 2017

7:00 AM – 8:00 AM	International Committee Breakfast and Business Meeting (By Invitation) Virginia
7:00 AM – 8:00 AM	Education and Social Media Committee Meeting (By Invitation) Senate
7:00 AM – 8:00 AM	<i>Meet the Experts</i> Grand Ballroom
7:00 AM – 8:00 AM	<i>Meet the Experts</i> Chinese Ballroom
7:30 AM – 3:00 PM	Registration Open Promenade Foyer
7:30 AM – 8:30 AM	Morning Break East & State Ballroom
8:15 AM – 9:00 AM	APSARD Business Meeting Grand Ballroom
9:00 AM – 10:30 AM	Plenary Session: <i>Clinical and Epidemiological Studies of ADHD Across the Life Span: Does Age of Onset Matter?</i> Grand Ballroom

Chair: Stephen Faraone, SUNY Upstate Medical University

ADHD From Childhood Through Adulthood: Perspectives From a Population-Based Longitudinal Study

William Barbaresi, HHMI, Children's Hospital – Boston

Sailing in Troubled Waters: New Findings on ADHD Adolescent and Young Adult-Onset Trajectories and Their Childhood Predictors

Luis Rohde, Federal University of Rio Grande do Sul

Overall Abstract: This plenary session will present data to address recent claims that most cases of ADHD in childhood remit and that most cases of ADHD in adulthood are 'adult onset' cases. Several epidemiologic data sets will be presented along with discussion of the role of methodologic artifacts and the clinical implications of the findings.

FULL SCHEDULE

Learning Objectives:

- Understand data about the persistence of ADHD from childhood into adulthood.
- Understand the basis of recent claims that most adult ADHD is 'adult onset' ADHD.
- Understand the methodological issues that weaken claims about adult onset ADHD.
- Understand the relevance of subthreshold youth disorders when evaluating 'adult onset' ADHD.

10:30 AM – 11:00 AM **Coffee Break**
East & State Ballroom

11:00 AM – 12:30 PM **Plenary Session: *Genetic and Environmental Factors***
Grand Ballroom

Chair: Tanya Froehlich, Cincinnati Children's Hospital Medical Center

The Biology of ADHD: From Basic Science to Application in the Clinic
Barbara Franke, Radboud University Medical Center

ADHD and the Environment: Why and How Should We Study ADHD's Environmental and Epigenetic Etiology?
Joel Nigg, Oregon Health & Science University

Overall Abstract: If you want to stay on the cutting edge of understanding genetic and environmental contributions to ADHD, this session is for you. Dr. Barbara Franke will review genetic variants recently implicated in ADHD by genome-wide association and next generation sequencing studies. Next, through her discussion of neuroimaging genetics research, bioinformatics approaches, and animal models, Dr. Franke will show how the statistical definition of a link between genes and ADHD can promote a more biological understanding of the roles played by specific genes. Furthermore, Dr. Joel Nigg will discuss environmental contributions to ADHD etiology, including the importance of using causally and genetically informative designs in environmental studies. Moreover, Dr. Nigg will show how gene by environment interactions and epigenetic effects remain important—perhaps central—possibilities for much ADHD etiology, particularly for common (shared) environments.

FULL SCHEDULE

Learning Objectives:

- Describe the contribution of genome-wide association, next generation sequencing, genetic neuroimaging, bioinformatics, and animal model approaches to understanding the genetic underpinnings of ADHD.
- Describe the use of epigenetic approaches, gene-environment interactions, and causally and genetically informative designs to elucidate the contribution of environmental factors to ADHD etiology.

12:30 PM – 2:30 PM **Lunch Session and Poster Viewing**
East & State Ballroom

12:30 PM – 2:00 PM **Lunch and Discussion Group: Understanding
and Measuring Impairment in ADHD**
Grand Ballroom

Facilitators:

Mark Stein, University of Washington

Margaret Weiss, University of Arkansas Medical Sciences

12:30 PM – 2:00 PM **Lunch and Discussion Group: ADHD and
Sluggish Cognitive Tempo: What Are the Data
and What Are the Relationships?**
Chinese Ballroom

Facilitators:

Keith McBurnett, University of California, San Francisco

Tanya Froehlich, Cincinnati Children's Hospital Medical Center

12:30 PM – 2:00 PM ***Meet the Experts***
Senate

12:30 PM – 2:00 PM ***Meet the Experts***
Cabinet

FULL SCHEDULE

Concurrent Symposia Sessions

2:30 PM – 4:30 PM	<i>Stimulant Vs. Nonstimulant Treatment of ADHD and Related Disorders</i> Grand Ballroom
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Chair: Frances Levin, Columbia University Medical Center

2:30 PM – 2:40 PM	Introduction
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2:40 PM – 3:00 PM	<i>Stimulants or Nonstimulants for ADHD: Comparative Effectiveness, Differential Response and Algorithm Development</i> Jeffrey Newcorn, Icahn School of Medicine at Mount Sinai
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3:00 PM – 3:20 PM	<i>How Do We Best Treat Individuals With ADHD and Substance Use Disorders?</i> Frances Levin, Columbia University Medical Center
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3:20 PM – 3:40 PM	<i>ADHD, Stimulants and Tics: Much Benefit, but How Much Risk?</i> Barbara Coffey, Icahn School of Medicine at Mount Sinai
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3:40 PM – 4:00 PM	<i>Are There Different Effects of Stimulant and Non-Stimulants on Aggression in Patients With ADHD?</i> Steven Pliszka, UT Health Science Center at San Antonio
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4:00 PM – 4:30 PM	Discussion
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Overall Abstract: The large majority of youth with ADHD who are treated with psychostimulants have a significant reduction in symptoms, but a smaller number achieve normalized function. This presentation will review the mechanism of action of the different stimulant and nonstimulant medications for ADHD, and present clinical trials data that have examined comparative efficacy and effectiveness of the different medications. It will also examine data regarding relative efficacy of the different medications when given before or after other treatments, to inform on sequencing of treatments and the development of treatment algorithms.

FULL SCHEDULE

Learning Objectives:

- To understand similarities and differences in mechanism of action of stimulant and non-stimulant medications for ADHD.
- To appreciate differences in comparative effectiveness between stimulant and nonstimulant medications for ADHD.
- To understand the relative impact of prior treatment on efficacy of the different medications.
- To understand the potential impact of comorbid aggression, tic disorders and substance abuse on treatment selection in individuals with ADHD.

2:30 PM – 4:30 PM	<i>A Data-Driven Approach to Understanding ADHD in Females Across the Lifespan</i> Chinese Ballroom
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Chair: Kathleen Nadeau, Chesapeake ADHD Center of Maryland

2:30 PM – 2:40 PM	Introduction
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2:40 PM – 3:00 PM	<i>Executive Dysfunction at Menopause: Behavioral and Imaging Correlates</i> Neill Epperson, University of Pennsylvania
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3:00 PM – 3:20 PM	<i>Eating Pathology Among Adolescent and Emerging Adult Women With ADHD</i> Amori Mikami, University of British Columbia
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3:20 PM – 3:40 PM	<i>Sexual Dimorphism in the Neurobehavioral Development of ADHD</i> Mark Mahone, Kennedy Krieger Institute
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3:40 PM – 4:00 PM	<i>Long Term Outcomes of Girls With ADHD: A Controlled Study</i> Joseph Biederman, Massachusetts General Hospital
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4:00 PM – 4:30 PM	Discussion
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FULL SCHEDULE

Overall Abstract: ADHD exists within a context, be it neurological, maturational, social or hormonal and all of these various contexts have an impact upon the presentation of ADHD in females. This symposium will provide updates on the range of sex differences in ADHD that have been explored with presentations focusing on:

- Sex differences in the unfolding of ADHD symptom patterns related to striking differences in patterns of brain development
- Differences in social impairments in girls with ADHD in contrast to boys
- Hormonal changes in peri- and post-menopausal women that sometimes lead to a worsening of executive function (EF) in women
- Findings from a prospective, longitudinal study of girls with ADHD showing a much greater risk for a wide range of adverse psychiatric outcomes in young adulthood compared to girls without ADHD

Learning Objectives:

- Participants will be able to identify the elevated risk for multiple serious comorbid conditions as girls with ADHD enter young adulthood.
- Participants will be able to explain the differing patterns of neurological development in male and female brains and how these differences affect the presentation of ADHD at different developmental stages.
- Participants will be able to identify how changing hormonal levels in the brains of females can impact executive functioning.
- Participants will be able to explain how social problems in females with ADHD change from childhood, through adolescence and into adulthood.

4:30 PM

Meeting Adjourns

FRIDAY POSTER TOUR

F1. Absence of Alignment of Symptom Response/Remission With Functional Outcomes in Children and Adolescents Following Treatment for ADHD

Margaret Weiss^{*1}, Ann Childress², Greg Mattingly³, Earl Nordbrock⁴, Robert J. Kupper⁴, Akwete Adjei⁴

¹University of Arkansas Medical Sciences, ²Center for Psychiatry and Behavioral Medicine, Inc., ³Washington University School of Medicine

⁴Rhodes Pharmaceuticals L.P.

F8. Clinical Correlates of Working Memory Deficits in Non-Referred Youth With and Without ADHD: A Controlled Study

Ronna Fried^{*1}, Maura Fitzgerald², Sarah Kassabian², Joseph Biederman¹

¹Massachusetts General Hospital & Harvard Medical School,

²Massachusetts General Hospital

F9. Examining the Association Between Attention Deficit Hyperactivity Disorder and Substance Use Disorders: A Familial Risk Analysis

Amy Yule^{*1}, MaryKate Martelon², Stephen Faraone³, Nicholas Carrellas², Timothy Wilens¹, Joseph Biederman¹

¹Harvard Medical School/Massachusetts General Hospital,

²Massachusetts General Hospital, ³SUNY Upstate Medical University & University of Bergen

F10. Abnormal Fear Circuitry in ADHD: A Controlled Magnetic Resonance Imaging Study

Joseph Biederman^{*1}, Andrea Spencer¹, Marie-France Marin¹, Mohammed R. Milad¹, Thomas Spencer¹

¹Massachusetts General Hospital

F13. Nicotine-Induced Epigenetic Modification of Male Germline DNA is Associated With ADHD Phenotypes in the Offspring

Deirdre McCarthy^{*1}, Sarah Lowe², Thomas Morgan³, Joseph Biederman³, Thomas Spencer³, Pradeep Bhidé¹

¹Center for Brain Repair, Florida State University College of Medicine,

²Florida State University, ³Massachusetts General Hospital & Harvard Medical School

FRIDAY POSTER TOUR

F14. Reduced Subcortical Volumes in Preschoolers With ADHD

Keri Rosch*¹, Deana Crocetti², Stewart Mostofsky², Mark Mahone²

¹Kennedy Krieger Institute/Johns Hopkins, ²Kennedy Krieger Institute

F25. Efficacy and Safety of HLD200 in Children With Attention-Deficit/Hyperactivity Disorder: Results From a Pivotal Phase 3 Trial

Steven Pliszka*¹, Valerie Arnold², Andrea Marraffino³, Norberto DeSousa⁴, Bev Incledon⁴, F. Randy Sallee⁴, Timothy Wilens⁵, Jeffrey Newcorn⁶

¹UT Health Science Center at San Antonio, ²CNS Healthcare/University of Tennessee, ³Florida Clinical Research Center, LLC, ⁴Ironshore Pharmaceuticals & Development, Inc., ⁵Harvard Medical School/Massachusetts General Hospital, ⁶Mount Sinai Medical Center

F26. DAT Occupancy Following Dasotraline Administration in Healthy Adult Subjects

Seth Hopkins*¹, Robert Lew¹, Georges El Fakhri², Marc Normandin², Anna Hall², Barbara Storch², Jennifer Wicks², Dustin Wooten², Kira Grogg², Kenneth Koblan¹, Thomas Spencer²

¹Sunovion Pharmaceuticals, Inc., ²Massachusetts General Hospital

F27. Metadoxine Selectively Reverses Tonic and Phasic Gabaergic Transmission Deficits in the FMR1 Mouse Model

Johanna Schumann¹, Jonathan Rubin*¹, Yaron Daniely¹, Amit Modgil², Moss Stephen²

¹Alcobra, Inc., ²Tufts University School of Medicine

POSTERS

Friday, January 13, 2017

7:00 PM – 8:30 PM

Reception and Poster Presentations

F1. Absence of Alignment of Symptom Response/Remission With Functional Outcomes in Children and Adolescents Following Treatment for ADHD

Margaret Weiss^{*1}, Ann Childress², Greg Mattingly³, Earl Nordbrock⁴, Robert J. Kupper⁴, Akwete Adjei⁴

¹University of Arkansas Medical Sciences, ²Center for Psychiatry and Behavioral Medicine, Inc., ³Washington University School of Medicine, Midwest Research Group, ⁴Rhodes Pharmaceuticals L.P.

F2. Sleep Patterns Among Children With ADHD and ASD Participating in a Summer Treatment Program: Preliminary Findings

Erin Underbrink^{*1}, Benjamin Aaronson², Tyler Sasser¹, Annette Estes², Mark Stein¹

¹Seattle Children's Hospital, ²University of Washington

F3. Further Evidence of Morbidity and Dysfunction Associated With Subsyndromal ADHD in Clinically Referred Children

Maura Fitzgerald^{*1}, Joseph Biederman², Anna-Mariya Kirova¹, K. Yvonne Woodworth¹, Stephen Faraone³

¹Massachusetts General Hospital, ²Massachusetts General Hospital & Harvard Medical School, ³SUNY Upstate Medical University

F4. A Meta Analysis of ADHD and Increased Risk for Suicide

William Summers¹, Daniel Wendler¹, Tim Neary^{*1}

¹Northwest ADHD Treatment Center

F5. ADHD and Temperament

Toshinobu Takeda^{*1}, Yui Tsuji²

¹Ryukoku University, ²Health Sciences University of Hokkaido

POSTERS

F6. Clinically Analogous Dysregulation Behaviours in a Robotic Systems-Control Model of ADHD and Bipolar Disorder

Isaac Szpindel*¹

¹APSARD

F7. Practice Patterns of Primary Care Providers and Older ADHD Patients

Kerry Meyer*¹, Patricia Read-Williams¹, Tadd Hsie¹, Jennifer Gibbs², Moriah Stern³

¹University of Washington, ²Baylor University, ³UW Neighborhood Clinic

F8. Clinical Correlates of Working Memory Deficits in Non-Referred Youth With and Without ADHD: A Controlled Study

Ronna Fried*¹, Maura Fitzgerald², Sarah Kassabian², Joseph Biederman¹

¹Massachusetts General Hospital & Harvard Medical School,

²Massachusetts General Hospital

F9. Examining the Association Between Attention Deficit Hyperactivity Disorder and Substance Use Disorders: A Familial Risk Analysis

Amy Yule*¹, MaryKate Martelon², Stephen Faraone³, Nicholas Carrellas⁴, Timothy Wilens¹, Joseph Biederman¹

¹Harvard Medical School/Massachusetts General Hospital,

²Massachusetts General Hospital, ³SUNY Upstate Medical University & University of Bergen, ⁴Massachusetts General Hospital

F10. Abnormal Fear Circuitry in ADHD: A Controlled Magnetic Resonance Imaging Study

Joseph Biederman*¹, Andrea Spencer¹, Marie-France Marin¹, Mohammed R. Milad¹, Thomas Spencer¹

¹Massachusetts General Hospital

F11. Impaired Frontal-Limbic White Matter Maturation in Children at Risk for Major Depression

Joseph Biederman*¹, Yuwen Hung², Zeynep Saygin², Dina Hirshfeld-Becker¹, Mai Uchida¹, John Gabrieli², Susan Whitfield-Gabrieli²

¹Massachusetts General Hospital, ²Massachusetts Institute of Technology

POSTERS

F12. Nicotine-Induced Epigenetic Modification of Male Germline DNA is Associated With ADHD Phenotypes in the Offspring

Deirdre McCarthy^{*1}, Sarah Lowe², Thomas Morgan³, Joseph Biederman³, Thomas J. Spencer³, Pradeep Bhide¹

¹Center for Brain Repair, Florida State University College of Medicine,

²Florida State University, ³Massachusetts General Hospital & Harvard Medical School

F13. Reduced Subcortical Volumes in Preschoolers With ADHD

Keri Rosch^{*1}, Deana Crocetti², Stewart Mostofsky², Mark Mahone²

¹Kennedy Krieger Institute/Johns Hopkins, ²Kennedy Krieger Institute

F14. Intrinsic Functional Connectivity of Approach and Avoidance Circuitry in ADHD

Keri Rosch^{*1}, Mary Beth Nebel², Stewart Mostofsky²

¹Kennedy Krieger Institute/Johns Hopkins, ²Kennedy Krieger Institute

F15. Abnormal Flow Patterns for Attention Deficit/Hyperactivity Disorder (ADHD)

Jonathan Posner², Saniya Kibria^{*1}

¹New York - Presbyterian Hospital, ²New York State Psychiatric Institute

F16. Long Term Outcomes of Young Adults With 22q11DS and Comorbid ADHD

Lea Taylor^{*1}, Yealim Chung¹, Kayla Wagner¹, Avery Albert¹, Kevin Antshel¹

¹Syracuse University

F17. Factors Associated With Parental Evidence-Based Treatment-Seeking for Childhood ADHD

Lea Taylor^{*1}, Samantha Mozden¹, Avery Albert¹, Kayla Wagner¹, Kevin Antshel¹

¹Syracuse University

POSTERS

F18. An Open-Label Trial of N-Acetylcysteine in the Treatment of Pediatric Bipolar Spectrum Disorders: An Interim Analysis

Rebecca Wolenski*¹, Maura Fitzgerald¹, Joseph Biederman¹, Stephen Faraone², Jacqueline Davis¹, Janet Wozniak³

¹Massachusetts General Hospital, ²SUNY Upstate Medical University,

³Massachusetts General Hospital & Harvard Medical School

F19. Algorithm for Adult Attention Deficit Hyperactivity Disorder Management From the Psychopharmacology Algorithm Project at the Harvard South Shore Program.

Bushra Awidi*¹, David Osser²

¹VA Boston Healthcare System/Harvard Medical School, ²VA Boston Healthcare System

F20. Are Stimulants Useful in the Management of Mild Traumatic Brain Injury?

Mary Iaccarino*¹, Lisa Philpotts², Ross Zafonte³, Joseph Biederman¹

¹Harvard Medical School, Massachusetts General Hospital, ²Treadwell

Virtual Library, Massachusetts General Hospital, ³Harvard Medical School, Spaulding Rehabilitation Hospital

F21. The Role of Hispanic Parents' Negative Perceptions Relating to ADHD Treatment Outcomes

Julia Belfer², Lorena Wasersztein*¹

¹University of Miami/Jackson Memorial Hospital, ²Nova Southeastern University

F22. Preliminary Outcomes From an Innovative Community-Based Behavioral Health (BH) Program Serving Families Insured Through a Managed Medicaid Plan in Central Texas

Lindsey Warren Davis*¹, Mari-Ann Alexander¹, Caron Farrell², Katrina Rodies³

¹Dell Children's Comprehensive Care Center, ²Seton Mind Institute, ³Austin Lakes Hospital

POSTERS

F23. Impact on the Family Unit of Early Morning Functional Impairments in Stimulant-Treated Children and Adolescents With Attention-Deficit/Hyperactivity Disorder

Russell Schachar^{*1}, Russell Barkley², Stephen Faraone³

¹University of Toronto, ²Medical University of South Carolina, ³SUNY Upstate Medical University

F24. Short & Long-Term Impact of a Nutritional Approach on ADHD Management: A Real World Study

Eran Ivanir^{*1}, Yael Richter¹, Gali Artzi¹, Carter Tate Holbrook², Robert Chudnow³, Amanda Gray³

¹Vaya Pharma, ²Children's Health Services, ³Texas Child Neurology

F25. Efficacy and Safety of HLD200 in Children With Attention-Deficit/Hyperactivity Disorder: Results From a Pivotal Phase 3 Trial

Steven Pliszka^{*1}, Valerie Arnold², Andrea Marraffino³, Norberto DeSousa⁴, Bev Incledon⁴, F. Randy Sallee⁴, Timothy Wilens⁵, Jeffrey Newcorn⁶

¹UT Health Science Center at San Antonio, ²CNS Healthcare/University of Tennessee, ³Florida Clinical Research Center, LLC, ⁴Ironshore Pharmaceuticals & Development, Inc., ⁵Harvard Medical School/Massachusetts General Hospital, ⁶Mount Sinai Medical Center

F26. DAT Occupancy Following Dasotraline Administration in Healthy Adult Subjects

Seth Hopkins^{*1}, Robert Lew¹, Georges El Fakhri², Marc Normandin², Anna Hall², Barbara Storch², Jennifer Wicks², Dustin Wooten², Kira Grogg², Kenneth Koblan¹, Thomas Spencer²

¹Sunovion Pharmaceuticals, Inc., ²Massachusetts General Hospital

F27. Metadoxine Selectively Reverses Tonic and Phasic GABAergic Transmission Deficits in the FMR1 Mouse Model

Johanna Schumann¹, Jonathan Rubin^{*1}, Yaron Daniely¹, Amit Modgil², Moss Stephen²

¹Alcobra, Inc., ²Tufts University School of Medicine

POSTERS

F28. Open Board

F29. Dasotraline Enters the Brain More Slowly Than Methylphenidate in Rhesus Monkeys

Robert Lew^{*1}, Cristian Constantinescu², Vincent Carroll², Olivier Barret², Kenneth Koblan¹, Seth Hopkins¹

¹Sunovion Pharmaceuticals, Inc., ²Molecular NeuroImaging, A division of InviCRO

SATURDAY POSTER TOUR

S1. Relationship Between the WRAADDs Symptom Rating of Inattention in Adults With ADHD and Performance in CDR Cognitive Tests in a Clinical Trial Population

Seth Hopkins^{*1}, Robert Goldman¹, Antony Loebel¹, Kenneth Koblan¹
¹Sunovion Pharmaceuticals, Inc.

S4. Early Developmental Risk Factors for ADHD Symptoms in Young Children

Julia Schechter^{*1}, Naomi Davis¹, Bernard Fuemmeler², Susan Murphy¹, Cathrine Hoyo³, Scott Kollins¹
¹Duke University Medical Center, ²Virginia Commonwealth University, ³North Carolina State University

S5. Trait Anhedonia: A Risk Factor for Undetected Attention Deficit Hyperactivity Disorder and Suicide in Adult Depressed Patients

Tia Sternat^{*1}, Kathryn Fotinos¹, Alexa Fine¹, Cathy Cameron¹, Irvin Epstein¹, Martin Katzman¹
¹START Clinic for Mood and Anxiety Disorders

S16. Treating Mothers First: Acceptability and Engagement in Pharmacological Treatment and Behavioral Parent Training for Mothers With ADHD

Erin Schoenfelder^{*1}, Andrea Chronis-Tuscano², Jennifer Strickland³, Elizabeth Bliss³, Daniel Almirall⁴, Mark Stein¹
¹University of Washington, ²University of Maryland, ³Seattle Children's Research Institute, ⁴University of Michigan

S17. Medication Adherence in Pediatric and Young Adult Patients Prescribed ADHD Stimulants

Mancia Ko^{*1}, Thomas Smith¹
¹Ingenuity Health, A Service of Ameritox, Ltd.

S18. Establishing Clinical Benefit of HLD200, a Novel Delayed-Release and Extended-Release Formulation of Methylphenidate, Using a Model-Based Approach

Roberto Gomeni^{*1}, Stephen Faraone², Thomas Spencer³, Bev Incledon⁴
¹PharmacoMetrica, ²SUNY Upstate Medical University, ³Massachusetts General Hospital, ⁴Ironshore Pharmaceuticals & Development, Inc.

SATURDAY POSTER TOUR

S19. Daily Average Consumption (DACON) Among Commercially-Insured Adults With Attention-Deficit Hyperactivity Disorder (ADHD) Who Received Monotherapy in the US

Zhou Zhou², Zheng-Yi Zhou², Sneha Kelkar², Shang Li², Jipan Xie^{*2}, Regina Grebla¹

¹Formerly of Shire, ²Analysis Group, Inc.

S20. The Efficacy and Safety of Amphetamine Extended-Release Oral Suspension (Amph Eros) in Children With ADHD

Ann Childress^{*1}, Heidi W. Belden², Sally A. Berry²

¹Center for Psychiatry and Behavioral Medicine, Inc., ²Tris Pharma, Inc.

POSTERS

Saturday, January 14, 2017

11:30 AM – 1:00 PM

Lunch with Poster Session

S1. Relationship Between the WRAADDs Symptom Rating of Inattention in Adults With ADHD and Performance in CDR Cognitive Tests in a Clinical Trial Population

Seth Hopkins^{*1}, Robert Goldman¹, Antony Loebel¹, Kenneth Koblan¹

¹Sunovion Pharmaceuticals, Inc.

S2. The Concurrent Validity of the Barkley Functional Impairment Scale in Mothers With ADHD

Tyler Sasser^{*1}, Mark Stein²

¹Seattle Children's Hospital, ²University of Washington

S3. How Informative Are Self Reports of Adults with ADHD for Monitoring Treatment in the Clinical Setting?: A Pilot Report Examining the Correspondence Between Clinician and Patient Assessments

Maura Fitzgerald^{*1}, Joseph Biederman², Thomas J. Spencer², Lenard Adler³, Jessica Abrams¹, K. Yvonne Woodworth¹, Stephen Faraone⁴

¹Massachusetts General Hospital, ²Massachusetts General Hospital & Harvard Medical School, ³NYU School of Medicine, ⁴SUNY Upstate Medical University

S4. Early Developmental Risk Factors for ADHD Symptoms in Young Children

Julia Schechter^{*1}, Naomi Davis¹, Bernard Fuemmeler², Susan Murphy¹, Cathrine Hoyo³, Scott Kollins¹

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Tia Sernat^{*1}, Kathryn Fotinos¹, Alexa Fine¹, Cathy Cameron¹, Irvin Epstein¹, Martin Katzman¹

¹START Clinic for Mood and Anxiety Disorders

POSTERS

S6. Treatment Resistant Depression: A Depressive Phenotype of Attention Deficit Hyperactivity Disorder?

Tia Sternat*¹, Alexa Fine¹, Kathryn Fotinos¹, Munira Mohamed¹, Irvin Epstein¹, Cathy Cameron¹, Martin Katzman¹

¹START Clinic for Mood and Anxiety Disorders

S7. The Relationship Between Cognitive Distortions and ADHD After Accounting for Depression, Anxiety, and Personality Pathology

Amelia Serine*¹, Brad Rosenfield², Robert DiTomasso³

¹Center for Brief Therapy, Philadelphia College of Osteopathic Medicine,

²ABCT, ³Philadelphia College of Osteopathic Medicine

S8. Persistence of DSM-5 ADHD Symptoms From Childhood to Adulthood Using Clinic Referred and PCP Office Based Samples

Lenard Adler*¹, Michael J. Silwerstein¹, Samuel Alperin², Saima Mili¹, Terry L. Leon¹, Oliver Pacifico¹, Yonatan Hochstein¹, Glenn S. Hirsch¹, Stephen V. Faraone³, Ronald C. Kessler⁴

¹NYU School of Medicine, ²Hofstra Northwell School of Medicine, ³SUNY Upstate Medical University, ⁴Harvard University

S9. Executive Function Deficits in Pediatric Obsessive-Compulsive Disorder and Attention-Deficit Hyperactivity Disorder: A Candidate Endophenotype for OCD?

Aamna Kabani*¹, Audrey Chang¹, Jeeva Jagabandhu¹, Priyadurga Kodi¹, Marco Grados¹

¹Johns Hopkins University School of Medicine

S10. Self Perceptions of Individuals With ADHD and Learning Disabilities and Their Post-Secondary Pathways

Avery Albert*¹, Regina Conti², Macy Warren², Lea Taylor¹, Kayla Wagner¹, Kevin Antshel¹

¹Syracuse University, ²Colgate University

POSTERS

S11. Inattention and Hyperactivity-Impulsivity: Their Detrimental Effect on Romantic Relationship Maintenance

Kayla Wagner^{*1}, Laura VanderDrift¹, Amy Olszewski¹, Lea Taylor¹, Avery Albert¹, Kevin Antshel¹

¹Syracuse University

S12. Actigraphically-Measured Sleep Disturbances and Impaired Executive Functioning in a Community Sample of Young Children

Jessica Lunsford-Avery^{*1}, Julia Schechter¹, Naomi Davis¹, John Mitchell¹, Bernard Fuemmeler², Scott Kollins¹

¹Duke University Medical Center, ²Virginia Commonwealth University

S13. Collateral Reporters Use Relationship Strength and Patient Age to Gauge Mental Health Risks

Joel Young^{*1}

¹The Rochester Center for Behavioral Medicine

S14. Is Paternal Smoking at Conception a Risk for ADHD? A Controlled Study in Youth With and Without ADHD

Joseph Biederman^{*1}, Maura Fitzgerald¹, Thomas Spencer¹, Pradeep Bhide², Deirdre McCarthy³, K. Yvonne Woodworth¹, Alexandra Saunders¹, Stephen Faraone⁴

¹Massachusetts General Hospital, ²Florida State University College of Medicine, ³Florida State University, ⁴SUNY Upstate Medical University & University of Bergen

S15. Atomoxetine-Related Change in Sluggish Cognitive Tempo is Largely Independent of Change in Attention-Deficit/Hyperactivity Disorder Inattentive Symptoms

Keith McBurnett^{*1}, David Clemow², David Williams³, Miguel Villodas⁴, Linda Wietecha², Russell Barkley⁵

¹University of California, San Francisco, ²Lilly USA, LLC, ³inVentive Health Clinical, ⁴Florida International University, ⁵Medical University of South Carolina

POSTERS

S16. Treating Mothers First: Acceptability and Engagement in Pharmacological Treatment and Behavioral Parent Training for Mothers With ADHD

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¹Formerly of Shire, ²Analysis Group, Inc.

S20. The Efficacy and Safety of Amphetamine Extended-Release Oral Suspension (Amph Eros) in Children With ADHD

Ann Childress^{*1}, Heidi W. Belden², Sally A. Berry²

¹Center for Psychiatry and Behavioral Medicine, Inc., ²Tris Pharma, Inc.

POSTERS

S21. Pooled Safety and Tolerability Data of Metadoxine Extended Release (MDX) From Three 6 Week Placebo Controlled Clinical Studies Pooled Safety and Tolerability Data of Metadoxine Extended Release (MDX) From Three 6 Week Placebo Controlled Clinical Studies

Eran Harary¹, Jonathan Rubin^{*1}, Natanya Slomowitz¹, Yaron Daniely¹, Lidia Gabis², Iris Manor³, Richard Weisler⁴

¹Alcobra, Inc., ²The Weinberg Child Development Center, ³Geha MHC,

⁴Duke University, UNC Chapel Hill, and Private Practice

S22. MEASURE: A Phase 3 Placebo-Controlled Study of Metadoxine Extended Release in Adults With Attention Deficit Hyperactivity Disorder

Jonathan Rubin^{*1}, Eran Harary¹, Natanya Slomowitz¹, Yaron Daniely¹, Lenard Adler², Jeffrey Newcorn³

¹Alcobra, Inc., ²NYU School of Medicine, ³Mount Sinai Medical Center

S23. Dasotraline in Children With Attention Deficit Hyperactivity Disorder: Results of a Phase 2/3 Randomized, Double-Blind, Placebo-Controlled Study

Robert Goldman^{*1}, Lenard Adler², Thomas Spencer³, Robert Findling⁴, Seth Hopkins¹, Kenneth Koblan¹, Kaushik Sarma¹, Xiaohai Wan¹, Antony Loebel¹

¹Sunovion Pharmaceuticals, Inc., ²New York University Langone Medical Center, ³Massachusetts General Hospital, ⁴Kennedy Krieger Institute/ Johns Hopkins University

S24. Pharmacokinetics of a Novel Amphetamine Extended-Release Oral Suspension in Children With Attention-Deficit/Hyperactivity Disorder

Carolyn Sikes^{*1}, Russ McMahan¹, Jeffrey Stark², Dorothy Engelking¹

¹Neos Therapeutics, ²Worldwide Clinical Trials

POSTERS

S25. Proof-Of-Concept Study Results of an Interactive Digital Treatment for Pediatric ADHD and Follow-Up Registration Study Design

Andrew Cutler^{*1}, W. Edward Martucci², Jeffrey D. Bower², Scott Kellogg², Stephen Faraone³, Joanne L. Northcutt⁴, Naomi Davis⁵, Scott H. Kollins⁵
¹Meridien Research, ²Akili Interactive, ³SUNY Upstate Medical University, ⁴Alkermes, ⁵Duke University Medical Center

S26. Pharmacokinetics and Relative Bioavailability of an Extended-Release Chewable Tablet of Methylphenidate When Chewed Versus Swallowed Whole: A Pilot Study in Healthy Subjects

Richat Abbas^{*1}, Ann Childress², Praneeta Nagraj¹, Richard Rolke¹, Sally A. Berry³, Donna Palumbo¹
¹Pfizer, Inc., ²Center for Psychiatry and Behavioral Medicine, Inc., ³Tris Pharma, Inc.

S27. Dose Proportionality and Effect of Food on the Pharmacokinetics of HLD200, a Delayed-Release and Extended-Release Methylphenidate Formulation, in Healthy Adults

Tao Liu^{*1}, Jogarao Gobburu¹, F. Randy Sallee², Angus McLean², Bev Incledon²
¹Center for Translational Medicine, School of Pharmacy, University of Maryland Baltimore, ²Ironshore Pharmaceuticals & Development, Inc.

S28. Clinical Response and Symptomatic Remission With MPH-MLR (Methylphenidate Extended-Release) in Children and Adolescents With ADHD

Greg Mattingly^{*1}, Ann Childress², Earl Nordbrock³, Akwete Adjei³, Robert J. Kupper³, Margaret Weiss⁴
¹St. Charles Psychiatric Associates, ²Center for Psychiatry and Behavioral Medicine, Inc., ³Rhodes Pharmaceuticals L.P., ⁴University of Arkansas Medical Sciences

S29. Single-Dose Pharmacokinetics of Amphetamine Extended-Release Oral Suspension (AMPH EROS) Compared With Immediate-Release Mixed Amphetamine Salts

Heidi W. Belden¹, Sally A. Berry^{*1}
¹Tris Pharma, Inc.

POSTERS

S30. Efficacy and Safety of Modified-Release Methylphenidate in Adults With Attention-Deficit/Hyperactivity Disorder in Routine Clinical Care: Results From the Idea Study

Markus Gleitz*¹, Michael Rösler², Wolfgang Retz³

¹MEDICE Arzneimittel Pütter GmbH, ²Saarland University Hospital, Institute for Forensic Psychology and Psychiatry, ³University Medicine of the Johannes Gutenberg-University

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.

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