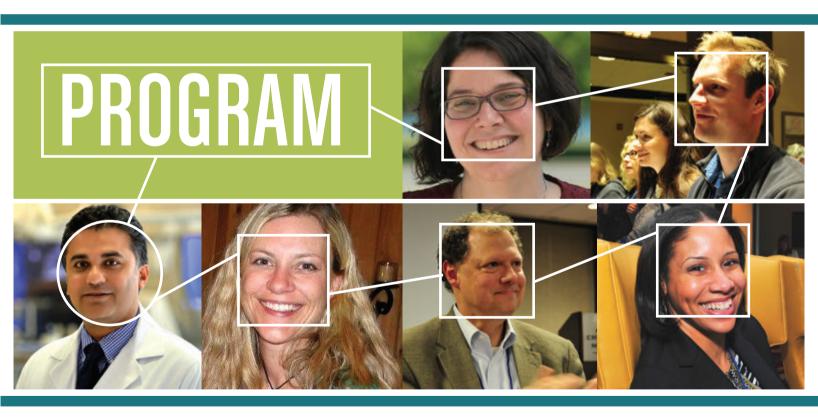
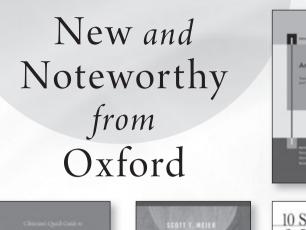
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#### BADGES

All conference attendees must be registered. Badges are required for admission to all sessions, meals, and receptions. Please wear your badge during the conference, and remember to remove it outside the hotel.

#### **SPONSORS**

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**ADAA MEMBERS:** Have you updated your online practice profile? Ask us if you need help.

# WELCOME FROM THE CONFERENCE CO-CHAIRS



On behalf of the Annual Conference Committee, we are delighted to welcome you to this year's conference. We are honored to be the co-chairs of the Anxiety and Depression Conference 2015. ADAA has played an important role in our career development, and we are pleased to be here celebrating ADAA's 35th anniversary.

The conference theme **"Anxiety and Depression: Translating Research, Innovating Practice"** highlights ADAA's commitment to integrating the best that each area has to offer. We are very excited that Helen Mayberg, MD, a leading pioneer in neural imaging and deep brain stimulation approaches to depression, will deliver the keynote address. David Barlow, PhD, Founder and Director Emeritus of the Center for Anxiety and Related Disorders, will present the Jerilyn Ross Lecture.

There are many not-to-miss sessions. On Friday we have two featured sessions: the I8th annual Scientific Research Symposium with an expert panel led by Diego Pizzagalli, PhD, addressing the important topic "Psychobiology of the Intersection and Divergence of Depression and Anxiety" and a plenary lecture by George Koob, PhD, Director of the National Institute on Alcohol Abuse and Alcoholism (NIAAA). New this year is a Clinical Practice Symposium, highlighting a complex case with a standardized patient and several clinical experts discussing how to treat.

With the I5O-plus sessions to choose from, there is definitely something for everyone. But to get the most out of this meeting, we highly recommend that you make the time to connect and network during breakfast, coffee breaks, and poster sessions. Come back to the Hyatt for our Saturday night dance party and dance the night away.

It takes so many people to put together a top quality conference, so we want to thank all of the speakers, poster presenters, committee members, and ADAA staff who have made this a world-class conference.

Please take a minute to say hello during the meeting. We hope you all enjoy the meeting. Best,

Kerry Ressler, MD, PhD, and Tanja Jovanovic, PhD Emory University

#### 2015 ANNUAL CONFERENCE PLANNING COMMITTEE

Kerry Ressler, MD, PhD – *Co-chair* 

Tanja Jovanovic, PhD — *Co-chair* 

2016 Incoming Chair Jordan Smoller, MD

Luana Marques, PhD — *Conference Coordinator* 

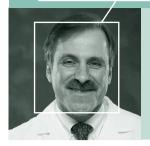
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Jennifer Richards — ADAA Staff Liaison

Alies Muskin — ADAA Staff Liaison

# **WELCOME FROM THE PRESIDENT**



Dear Colleagues,

On behalf of the Board of Directors, I want to add my welcome to the conference. You have chosen to attend a terrific meeting that brings together smart, dedicated, and innovative clinicians and researchers focusing on anxiety disorders and depression. We hope you will take advantage of the many opportunities to engage with colleagues in between sessions, at a poster, or over a cup of coffee. This meeting is special because of the efforts of many individuals. A special thank you goes to Kerry Ressler and Tanja Jovanovic, the conference co-chairs, and the members of the conference committee. This is a labor of love, and the members of the committee work behind the scenes all year to pull this together.

I have been a member since I99I. So it is especially meaningful to me to be here to celebrate ADAA's 35th anniversary. What made me stay involved for nearly 25 years? Being part of ADAA has enriched my professional career and given me opportunities to connect with and learn from my colleagues and friends — researchers at the cutting edge of science and dedicated clinicians providing thoughtful and compassionate care — all in the service of doing our utmost to help our patients affected by these distressing and often disabling conditions. It has also given me a voice in a community that advocates for education, research, and care.

The biggest benefit of attending a conference are the people. I encourage you to take some time to meet members of the Board of Directors, committees, and special interest groups. These volunteers contribute generously to our community and make ADAA a dynamic and engaging organization. They can help connect you with those who have mutual interests and show you how to get the most out of your membership throughout the year.

Enjoy the conference,

Mark Pallach

Mark Pollack, MD ADAA President Rush University Medical Center

#### **2015 BOARD OF DIRECTORS**

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Donny Osmond – Honorary Member

# **MEMBER RECOGNITION AWARDS**



#### JERILYN ROSS CLINICIAN ADVOCATE AWARD

This award honors the memory and life work of Jerilyn Ross, co-founder of ADAA and its president from 1985–2010. Jerilyn was an energetic, outspoken advocate for anxiety disorders. She was a pioneer, speaking out in the 1970s about her own phobia and panic when the term "panic disorder" was yet to be coined. Her passion to teach clinicians about treatment, educate the public, and engage researchers sparked an exciting partnership that changed many lives. The Jerilyn Ross Clinician Advocate Award acknowledges individuals who exemplify clinical excellence and advocacy.



**David Barlow, PhD,** receives the Jerilyn Ross Clinician Advocate Award this year. David joined ADAA in 1989, and he served on the Board of Directors and the Scientific Council in the 1990s. He is the founder and director emeritus of the Center for Anxiety and Related Disorders and a professor of psychology and psychiatry at Boston University.

His clinical research focuses on understanding the nature of anxiety and depression and developing new treatments for emotional disorders. He has published hundreds of articles and chapters and numerous books in the area of the nature and treatment of emotional disorders. As a pioneer and leader in the field for many years, David honors Jerilyn's legacy.

#### **MEMBERS OF DISTINCTION**

ADAA recognizes individuals who have been members for ten years or longer who advance the organization's mission through significant service and commitment. These members strengthen ADAA. We are pleased to recognize these two recipients.



A renowned expert on mood and anxiety disorders, Daniel S. Pine, MD, joined ADAA in 1996, after having received an early young investigator award. He chaired the Scientific Council in 2012-13, the conference in 2010, and the Scientific Research Symposium in 2005. Danny is also an editor of the upcoming ADAA publication Anxiety Disorders Primer (Oxford University Press, 2015). Today he works as the Chief of the Section on Development and Affective Neuroscience in the National Institute of Mental Health (NIMH) Intramural Research Program.



#### Kimberly Morrow, LCSW,

is the current chair of the ADAA Recruitment and Retention Committee and the past chair of the Award Committee. She is dedicated to helping people who suffer with anxiety, and she is passionate about teaching professionals how to treat anxiety disorders successfully. Kimberly and two colleagues developed a video for ADAA to train master's level graduate students on that topic, and the video is visible on our website. A member since 2000, Kimberly received an ADAA clinician outreach award in 2012.

# **2015 AWARDS PROGRAM**

#### **CAREER DEVELOPMENT TRAVEL**

#### **AWARD WINNERS**

Since 1998 ADAA has supported the next generation of clinicians and researchers with this award. The travel awards are given to encourage early career professionals who have a research interest in anxiety disorders and depression. Award winners present their research at the annual conference, and they are paired with a mentor to learn about ADAA and its membership. Through unique partnerships, winners also have an opportunity to present their research at either the ACNP or ABCT annual meetings.

#### Tali Ball, MA

University of California, San Diego

**Charles Brandt, MA** University of Houston

**Christie Burton, PhD** Hospital for Sick Children

**Jiook Cha, PhD** New York State Psychiatric Institute, Columbia University

Lindsey B. Hopkins DeBoer, PhD San Francisco VA Medical Center

Isaac Galatzer-Levy, PhD NYU School of Medicine

**Dylan Gee, MA** University of California, Los Angeles

#### Marie-France Marin, PhD

Massachusetts General Hospital, Harvard Medical School

Brady Nelson, PhD Stony Brook University

Jennifer Park, PhD Massachusetts General Hospital

**Rebecca Sripada, PhD** University of Michigan

**Christian Webb, PhD** McLean Hospital, Harvard Medical School ADAA and the Andrew Kukes Foundation for Social Anxiety partner to support two early career professionals focusing on social anxiety disorder.

#### Jennifer Dahne, MS

University of Maryland, College Park

Carrie Potter, MA Temple University

#### **DONALD F. KLEIN EARLY CAREER**

#### **INVESTIGATOR AWARD**

This award is given for the best original research paper on neurobiology, psychopharmacology, psychosocial treatments, or experimental psychopathology of anxiety disorders and depression. It is named for Donald F. Klein, MD, who revolutionized psychiatric thinking and received an ADAA Lifetime Achievement Award. The winner will present the winning paper at the annual conference, and it will be published in Depression and Anxiety, the official ADAA journal. The award is supported by Wiley-Blackwell, the publisher of Depression and Anxiety.

#### Phillip Johnson, PhD

Indiana University School of Medicine

Honorable Mention Randy Auerbach, PhD McLean Hospital, Harvard Medical School

#### **CLINICIAN TRAINEE AWARD**

First given in 2012, this award recognizes clinician trainees who have excelled in their performance in an internship or clinical training setting. Winners attend the annual conference, are paired with a senior clinician mentor, and have the opportunity to become more involved with the organization.

**Emily Bilek, MS** University of Miami

Johan Cohen, MA Temple University

**Eric Golden, MD** University of Arkansas for Medical Sciences

Kristen Lamp, PhD James A. Haley Veterans' Hospital

#### CAREER DEVELOPMENT LEADERSHIP PROGRAM

#### SECOND ANNUAL PROGRAM

Through a competitive selection process this initiative brings together early career clinicians and researchers from multiple disciplines to provide an intensive mentoring and professional development opportunity.

An interactive learning experience, the program challenges thinking and encourages creative discourse about anxiety disorders, OCD, PTSD, and depression among a diverse community of professionals. This highly participatory program features outstanding leaders in the field, who will initiate stimulating discourse to shape ideas, collaboration, and crosscutting discussions that engage clinicians and researchers in new ways of thinking about the future.

**Roee Admon, PhD** McLean Hospital, Harvard Medical School

Raül Andero Galí, PhD Emory University

**Christina Boisseau, PhD** Brown University

**Michelle Bovin, PhD** VA Boston Healthcare System

**T.H. Eric Bui, MD, PhD** Massachusetts General Hospital

**Stacia Casillo, PsyD** Manhattan Psychiatric Associates, in affiliation with The Ross Center for Anxiety and Related Disorders

**Jiook Cha, PhD** New York State Psychiatric Institute, Columbia University

**Elise Clerkin, PhD** Miami University of Ohio

Rosie Curiel, PsyD University of Miami

Kristen Ellard, PhD Massachusetts General Hospital

Angela Fang, PhD Massachusetts General Hospital, Harvard Medical School

**Clare Gaskins, PhD** Children's Hospital of New York Presbyterian

**Dylan Gee, MA** University of California, Los Angeles Felicia Gould, PhD University of Miami

**Belinda Graham, PhD** University of Washington Center for Anxiety and Traumatic Stress

Jessica Graham, PhD National Center for PTSD

**Brian Hesler, MD** Rush University Medical Center

**Daniel Jimenez, PhD** University of Miami

Sarah Kertz, PhD Southern Illinois University

**Kathryn Kriegshauser, PhD** Kansas City Center for Anxiety Treatment, P.A.

Amy Lehrner, PhD James J. Peters VA Medical Center

**Krystal Lewis, PhD** University of Illinois at Chicago

**Joanna Lim, MD** Medstar Georgetown University Hospital

**Sabrina Lisboa, PhD** University of São Paulo/The Ohio State University

Maria Lopez-Patton, PhD University of Miami

Megan Mroczkowski, MD Children's Hospital of New York

Mary-Frances O'Connor, PhD University of Arizona Julieanne Pojas, PsyD Anxiety Treatment Center of Greater Chicago

**Rebecca Sachs, PhD** Midtown Center for CBT and Fay J. Lindner Center for Autism

Phillip Seibell, MD Rogers Behavioral Health-Tampa Bay

Andrea Sheckler, MS Stairways Behavioral Health

**Robyn Shepardson, PhD** VA Center for Integrated Healthcare

**Rebecca Sripada, PhD** University of Michigan

Avy Stock, PsyD The Ross Center for Anxiety and Related Disorders

**Chad Sylvester, MD, PhD** Washington University School of Medicine

Michael VanElzakker, MA Tufts University

Christian Webb, PhD McLean Hospital, Harvard Medical School

Michael Wheaton, PhD Albert Einstein College of Medicine

Alexis Whitton, PhD McLean Hospital, Harvard Medical School

**Gislaine Zilli Réus, PhD** University of Texas Health Science Center at Houston

# MEETINGS, SPECIAL INTEREST GROUPS, AND SPECIAL EVENTS

#### **MEETINGS**

#### FRIDAY

Scientific Council Meeting — Invitation only 7:00 am – 8:15 am Riverfront South/Central (Lobby Level)

#### Professional Webinar Committee 9:30 am - 10:30 am

Tequesta (4th Floor)

Depression and Anxiety Editorial Board Meeting — Invitation only I2:00 pm – I:30 pm Japengo (Lobby Level)

#### **Recruitment and Retention Committee 12:30 pm – 1:30 pm** *Tequesta (4th Floor)*

Public Education Committee 12:30 pm – 1:30 pm Granada (4th Floor)

#### SATURDAY

Young Adult Task Force 3:00 pm – 4:30 pm Japengo (Lobby Level)

Annual Conference Committee 4:30 pm – 6:00 pm Granada (4th Floor)

#### **SPECIAL INTEREST GROUPS (SIGs)**

#### FRIDAY Child and Adolescent Anxiety Disorders 12:00 pm – 1:30 pm Brickell South Emotion Regulation Difficulties in Children and Adolescents: What the Heck Do I Do About It? A special interest group for clinicians and researchers to discuss, debate, and

address issues relevant to the understanding and treatment of childhood anxiety.

## Multicultural Advances Reception — Invitation only 5:00 pm – 6:00 pm

Check registration for location. A status update and activities that facilitate peer networking and professional development.

#### SATURDAY

#### Lunch for Early Career Professionals and Students

All registered students, trainees, postdoctoral fellows, residents, and invited guests. (You must present your ticket.)

#### I:00 pm - 2:00 pm

Riverfront South (Lobby Level)

Students and early career professionals interested in the clinical treatment and research of anxiety and depression have a platform to discuss specifically relevant issues. *Sponsored by Rogers Memorial Hospital* 

#### **Multicultural Advances**

**I:00 pm - 2:00 pm** *Flamingo (4th Floor)* A strategic planning session of 2015–2016 SIG programming

#### **PTSD Social Hour**

**6:00 pm – 7:00 pm** *Check registration for location.* Focusing on all stages of career mentorship and dissemination and discussion of research and clinical practice.

#### SUNDAY

#### Genetics and Neuroscience 7:30 am – 8:30 am

Tuttle South

Researchers who are broadly involved in the biological science of anxiety and depressive disorders, including clinical and basic neuroscience and genetics.

#### **SPECIAL EVENTS**

#### THURSDAY

Welcome Reception — Open to all attendees 6:30 pm – 7:30 pm Riverwalk/Outdoor Terrace (Terrace Level)

#### FRIDAY

First-Time Attendees Breakfast 7:30 am-8:00 am Flamingo (4th Floor)

Lunch for Award Winners and Mentors — Invitation only I2:00 pm – I:30 pm Flamingo (4th Floor)

#### Film Screening: "Let There Be Light" 12:00 pm – 1:15 pm

Orchid C

Screening of acclaimed recently restored and longsuppressed documentary depicting actual PTSD treatment of WWII veterans. "Let There Be Light" (I946, 58 min.) was directed by John Huston and narrated by Walter Huston.

Introduction: **Robert Ackerman, MSW,** Anxiety Disorder Treatment in Brooklyn

#### Group Consultation — Treatment-Resistant Anxiety and Depression in Adults 12:00 pm – 1:15 pm

Orchid A/B

A consultation session on treatment-resistant anxiety and depression in adults. This is a live demonstration of online group consultations that ADAA will launch in the spring.

**Sally Winston, PsyD,** Anxiety & Stress Disorders Institute of Maryland

#### SATURDAY

Panel: Career Decisions and Transitions for Women With Families I:00 pm - 2:00 pm Tuttle North/Center

**Chair: Jill Ehrenreich May, PhD**, University of Miami Muniya S. Khanna, PhD, Children and Adult's Center for OCD and Anxiety; Lisa W. Coyne, PhD, McLean Hospital/Harvard Medical School; Alicia Meuret, PhD, Southern Methodist University; Risa B. Weisberg, PhD, VA Boston Heatthcare System

#### Group Consultation — Treatment-Resistant Pediatric Anxiety I:00 pm – 2:00 pm

Orchid A/B

A consultation session on treatment-resistant pediatric anxiety. This is a live demonstration of online group consultations that ADAA will launch in the spring.

David M. Jacobi, PhD, Rogers Memorial Hospital

#### Annual Conference Town Hall Meeting 4:00 pm – 4:30 pm

Regency Ballroom Prefunction-Terrace Level Meet Luana Marques, ADAA conference program coordinator, and Jordan Smoller, 2016 program chair, to discover how to get involved with the conference and to tell us what you hope to see next year.

#### Dance Party — All attendees invited 9:00 pm – II:30 pm Riverwalk/Outdoor Terrace

DJ and cash bar

You are invited to our special Saturday Night Dance Party. We'll be ready to get our dance moves on, so please join us with your dancing shoes on. Dance the night away with your ADAA colleagues under the Miami night sky.

Hosted by the conference co-chairs Tanja Jovanovic and Kerry Ressler and the Early Career Special Interest Group

#### STAY CONNECTED TO ADAA



#ADAA2015



ADAA Conference



Anxiety and Depression Association of America

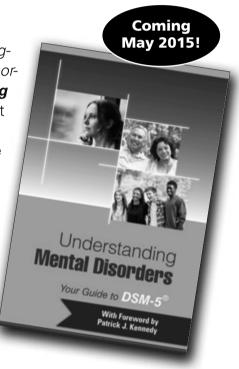
# **Understanding Mental Disorders** *Your Guide to DSM-5®*

American Psychiatric Association

## A vital resource for anyone who has been touched by mental illness

Based on the latest, fifth edition of the *Diagnostic and Statistical Manual of Mental Disorders* —known as DSM-5<sup>®</sup>—**Understanding Mental Disorders** provides valuable insight on what to expect from an illness and its treatment—and will help readers recognize symptoms, know when to seek help, and get the right care.

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**G**This is a simple, user-friendly guide that is clear and informative. The format makes it easy to look up information about specific disorders and the vignettes make this a valuable resource for clinicians, patients and their families. **JJ**—*Alies Muskin, Executive Director, Anxiety and Depression Association of America* 

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*New!* ADAA now offers monthly webinars for CE credit. ADAA is approved by the American Psychological Association to sponsor continuing education (CE) credits for psychologists, which are granted on a I credit per contract basis. Format: A live one-hour audiovisual presentation, including a brief Q&A session.

#### ADAA members: \$25 (free for no CE credit) Nonmembers: \$49 (\$25 for no CE credit)

#### Evidence-Based Treatment of Behavioral Insomnia of Childhood: From A to Zzzz

April 30, 2015 12:00 pm – 1:00 pm ET Candice Alfano, PhD

Trial-Based Cognitive Therapy, a Novel Approach to Changing Core Beliefs in CBT May 13, 2015 12:00 pm – 1:00 pm ET Irismar Reis de Oliveira, MD, PhD

#### **Treatment of Adults With Bipolar Disorder**

June 10, 2015 12:00 pm – 1:00 pm ET Andrew A. Nierenberg, MD

## Emotion Regulation Difficulties in Children and Adolescents: What the Heck Do I Do About It?

September 16, 2015 12:00 pm – 1:00 pm ET Lynne Siqueland, PhD, and Stephanie Eken, MD

#### Four Keys to Making ERP Effective for OCD

September 30, 2015 12:00 pm – 1:00 pm ET Bradley Riemann, PhD

#### **ADAA Network: Member Listserv**

All ADAA members receive an email invitation to join the ADAA Network member-only listserv. Here's how to take advantage of it:

I. How do I sign up? When you receive the invitation, just click reply and send. No need to write a message, but you must reply within three days.

## **2. How do l start a discussion?** You'll get a welcome email once you sign up that includes the email

#### **3. How do I see current**

address.

**discussions?** The welcome email includes the link to the ADAANetwork public page. Use this to read current discussions by going to ADAANetwork Archives. Then click on "Threads."

4. How will I be notified of new messages? You will be notified daily

if a new message or responses have been posted. If nothing is posted, you will not get an email.. **No invitation?** Email membership at membership@adaa.org

# **ONLINE GROUP CONSULTATION**

#### **NEW!**

ADAA Group Consultation is a new live web-based continuing education program. It offers clinicians from all disciplines an exclusive opportunity to further their clinical training in anxiety, depression, and related disorders through a series of three one-hour discussions about challenging cases led by renowned clinical experts.

#### **Participants**

Limited to six per group. Each participant will be expected to present a case in 20 minutes for discussion with the group and the expert.

#### **Continuing Education**

ADAA has received approval from the American Psychological Association to sponsor continuing education credits for psychologists. CE credits for psychologists are granted on a I credit per contact basis.

#### Pricing

Members \$125 Nonmembers \$195

#### Registration

Contact Mary Gies: mgies@adaa.org or 240-485-1018

#### **UPCOMING TOPICS**

#### TREATMENT-RESISTANT PEDIATRIC ANXIETY

April 29: I2 pm EST May 2I: 7 pm EST June II: I2 pm EST **Lynne Sigueland, PhD** 

#### EXPOSURE THERAPY FOR OCD IN ADULTS & CHILDREN

May 4: I2 pm EST May 28: 7 pm EST June I5: I2 pm EST **Bradley Riemann, PhD** 

#### TREATMENT-

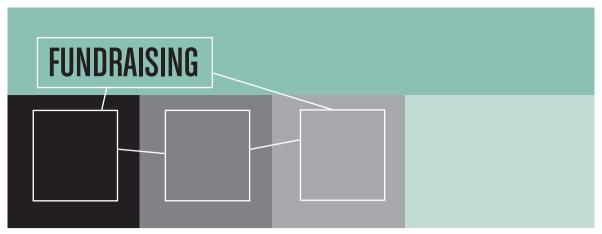
RESISTANT DEPRESSION Fall 2015 Paul Holtzheimer, MD

#### TWITTER IOI

Join the ADAA Twitter conversation. Connect with mental health consumers looking for services and other ADAA members. A tweet is any text up to I40 characters, and it can include photos, videos, and links.

Open a Twitter account at https://twitter.com/ and start tweeting in three simple steps.

- I. When you find an interesting article or have something to share, just tweet about it.
- 2. Include **#ADAA (#ADAA2015 about the conference)** so your tweet is part of the ADAA dialogue.
- 3. **Congratulate yourself:** You are using social media to expand your practice reach and connect with other like-minded professionals.



ADAA gratefully acknowledges all those listed below who have made donations in the past year. All proceeds support two major areas of ADAA:

- Awards Program to cultivate the next generation of leaders
- Public education and outreach efforts, including our college campus campaign, which reach millions around the world, telling them they are not alone, these disorders are real, and treatment is available.
- There are many ways to contribute to ADAA. Please visit **http://www.adaa.org/taking-action/ways-give** to learn how.

Cindy Aaronson Jessica Abel Robert Abele Robert Ackerman Ashley Acqui Mat Agrest Anne Marie Albano Debbie Albert Mahdi Aldaiani Candice Alfano Nadere Aliabadi Jason Amos Margot Andersen Judd Anderson Anonymous (2) Suzan Arasheben Carole Arnold **Kiel Arrington** Jennifer Atkins Turner Ashley Atkinson Anna Atzori Ian Avres Torfeh Azarkolah Matthew Azzarella Shirley Babior Lisa Bania John Barcus Tracy Barilla Jennifer Barr Dan Barron Jonathon Barron Marvanne Barry Lori Basher Michele Basista Sharon Beck Chantelle Beda Jacob Behal Ann Bellu Joel & Abby Belson

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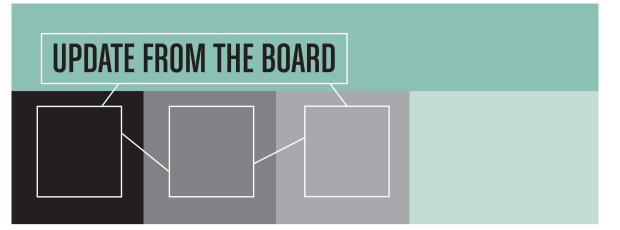
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#### **EMBRACE THE FUTURE WITH ADAA**

This year ADAA celebrates its 35th anniversary. ADAA was the first organization to bring attention and focus to education, training, and research about anxiety disorders. We started the conversation by advancing and disseminating research; implementing new, evidenced-based treatments; and educating the public that these disorders are real, serious, and treatable. For 35 years ADAA has been offering help and hope to individuals and families and providing support to those who practice and conduct research. Today ADAA is the only organization that gives voice to our community of patients and professionals with diverse backgrounds and expertise in practice and research who focus on anxiety disorders and depression.

Over the years we have launched campaigns to highlight and educate about different disorders. With the new federally supported BRAIN Initiative, we may have the greatest opportunity to advance the field. Given the prevalence and morbid impact of the anxiety disorders, depression, OCD, and PTSD and the prediction that by 2020 depression will be the most burdensome illness worldwide, the need for ADAA has never been greater.

ADAA will make a difference—by changing the conversation to one that focuses attention on early diagnosis, treatment, and prevention. To this end, ADAA continues its longstanding tradition and core value that education is power. We continue to be a first-line resource for those struggling with anxiety and depressive disorders. To make it easier for patients to find professionals, ADAA redesigned the online Find a Therapist Directory to allow for broader descriptions, photos, and listing of disorders treated and interventions offered. Website visitors in 2014 nearly doubled compared to 2013, with 9,340,948 pageviews vs. 5,050,066 the previous year. You can join ADAA's growing presence on social media by liking our Facebook page and following us on Twitter. With the help of the members of the Public Education Committee; ADAA offered I2 free wellreceived webinars to the public; posted numerous articles to Huffington Post; and responded to media requests from print, online, and production sources. Additionally, ADAA members were featured in some of the most popular posts on Care for Your Mind, an online blog for those affected by the mental health care system.

ADAA expands its scope by providing education and training to all clinicians. The Professional Education Webinar Committee organized more than a dozen webinars on a wide array of topics, and this year we have expanded our offerings. We were approved by the American Board of Psychiatry and Neurology (ABPN) to provide Maintenance of Certification and Self-Assessment credits for Board-certified psychiatrists. This spring we will begin offering two new online continuing education programs: CE credits for live online webinars and group consultation series. Additional resources that will be available in 2015 include practice guidelines that summarize evidence-based pharmacotherapy and psychotherapy for treating each disorder and reviews of mobile apps. Looking to the future, ADAA will expand its education efforts to focus on training for psychiatric nurses and nurse practitioners and offering CNE credits.

ADAA leads the evolving conversation about research. Our history has focused on integrating basic and clinical cross-disciplinary research. We will take this further by fostering discussions on a broad array of disciplines that encourage incorporating patients' perspectives on research as well. In

# **UPDATE FROM THE BOARD**

addition, ADAA has partnered with two new kinds of research networks. ResearchMatch, funded by NIH, has developed an anxiety disorder-patient portal to facilitate research efforts. And we are a stakeholder participant in a PCORI-funded project to create a patient-powered research mood network.

ADAA's commitment to young professionals and emerging leaders continues. Our Career Development Leadership Program, now in its second year, involves basic and clinical researchers and clinicians with diverse backgrounds in an intensive mentoring and leadership development experience. Identifying emerging professionals and developing a cadre of young leaders will seed the next generation of leaders. ADAA continues to give travel and clinician trainee awards in recognition of early career achievementsall with the goal of fostering the next generation of clinicians and scientists who will make important contributions to the care of our patients. To bring all students, trainees, postdoctoral fellows, and residents together with senior leaders and the Early Career Professional Special Interest Group, ADAA will host a luncheon on Saturday—another example of our commitment to connecting people across generations.

Let's talk seriously about anxiety disorders, OCD, PTSD, and depression as real, serious, and treatable illnesses to eliminate the stigma that prevents those in need from getting care. We know that these disorders are serious, that they impact not only the individual, but families, children, other loved ones, colleagues, and community. Together we can give hope and help to all with these disorders.

You are an important part of ADAA. Won't you join us to move ADAA forward to **"40 in 2020"? Our vision is to grow an organization where clinicians and researchers from diverse backgrounds—as well as patients—build partnerships that inform, enrich, and innovate efforts**. We are working toward a future with a wide array of accessible treatments and innovative work that lead to the prevention and cure of these distressing and disabling disorders.

#### THIS IS OUR FUTURE. HOW WILL YOU CONTRIBUTE?

Join ADAA in recognizing members who were pioneers and have remained committed to furthering the mission of ADAA since its beginning in the 1980s.

> Robert Ackerman Shirley Babior David Barlow Jim Ballenger Lynne Freeman Abby Fyer Richard Heimberg Paula Levine Matig Mavisskalian Jerry Rosenbaum Marty Seif Tom Uhde Reid Wilson Sally Winston

Pledge your support for the future of ADAA. Post your contribution to the #ADAAis35 board on the Terrace Level.



#### **CALL FOR PAPERS**

**Anxiety and Depression: Integrating Research, Practice and Community** 

#### NEW!

EARLY DEADLINES

Master Clinician Sessions: June 30, 2015 Symposia, Workshops, Roundtables: August 12, 2015 New Research Poster Presentations: December 1, 2015

See samples and instructions for submitting an abstract at **www.adaa.org/abstracts.** Check our website in May for more information.

March 3I – April 3, 2016 Philadelphia Marriott Philadelphia, Pennsylvania

Jordan Smoller, MD – Conference Chair Karen Cassiday, PhD – ADAA President 2016



# **Our Focus is** Recovery

Recovery can take place when people receive professional psychiatric care, participate in meaningful daily activity, develop mutually supportive relationships, and engage in their own treatment program.



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## Treatment. Growth. Recovery.

## Learn More About Abnormal Respiratory Physiology and Panic Disorder

Saturday, April 11th

11:30am -- 1:00pm

#### Chair

David F. Tolin, Ph.D. Institute of Living, Hartford, CT, USA.

#### A Literature Review of Abnormal Respiratory Physiology and Breathing Retraining in Panic Disorder

David F. Tolin, Ph.D. Institute of Living, Hartford, CT, USA.

#### A Multi-Center Trial of the Canary (Freespira) Breathing System for Patients with Panic Disorder

Patrick B. McGrath, Ph.D. Alexian Brothers Behavioral Health Hospital, Hoffman Estates, IL, USA.

#### The Canary (Freespira) in the Field: Pilot Findings and Clinical Observations

Carl Robbins, MS, MEd, LCPC. The Anxiety & Stress Disorders Inst. of MD, Baltimore, MD, USA.

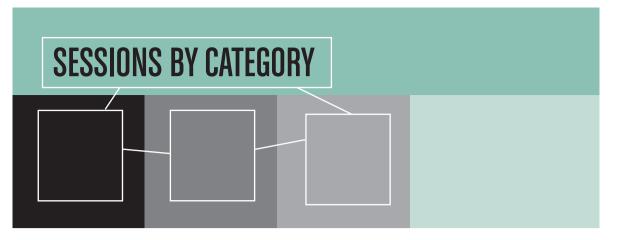
#### Discussant

Stefan G. Hofmann, Ph.D. Boston University, Boston, MA, USA.

#### Discussant

Karen Lynn Cassiday, Ph.D. Anxiety Treatment Center of Greater Chicago, Northbrook, IL, USA.

MK-3354 Mar 2015



#### **ANXIETY AND DEPRESSION**

**MCOII**-Cognitive-Behavioral Therapy for Perfectionism (*Thu. 3:00 PM - 5:00 PM, Brickell North/Center*)

**Keynote Address: 003**–What Has DBS Taught Us About the Neurocircuitry of Depression? (*Thu. 5:15 PM - 6:30 PM, Riverfront South/Central*)

**305–**Smartphone Applications in the Treatment of Anxiety and Depression: Important Considerations for Development and Testing (*Fri. 8:00 AM - 9:00 AM, Hibiscus A*)

**343**–Culture, Biology, and Context: Does It Matter for Practice? (*Fri. 8:00 AM - 9:30 AM, Gardenia A/B*)

**204**–Effective Level of Care Transition With DBT as the Theoretical Framework *(Fri. 8:00 AM - 10:00 AM, Tuttle North/Center)* 

**006–**Plenary Lecture: The Intersection of Depression, Anxiety, and Addiction (*Fri. 8:30 AM - 9:00 AM, Riverfront South/Central*)

**Scientific Research Symposium: 004**–Psychobiology of the Intersection and Divergence of Depression and Anxiety (*Fri. 9:00 AM - 12:00 PM, Riverfront South/Central*)

**226**–Is Your Patient Treatment Resistant or Is It You? What to Do When Your Patient Doesn't Respond to Treatment Specific Protocols for Anxiety and Related Disorders

(Fri. 10:30 AM - 12:00 PM, Brickell South)

**123**-How to Navigate Screen Time: iPads, Cell Phones, Computers — Oh My! (*Fri. 10:30 AM - 12:00 PM, Orchid C*)

**179–**Embracing Uncertainty or at Least Tolerating It: Talking to Kids and Teens About Not Knowing *(Fri. 10:30 AM - 12:00 PM, Tuttle South)* 

**I69**–Medication and Behavioral Strategies for Treatment of Psychiatric Comorbidities in Young Adults With Depression *(Fri. IO:30 AM - I2:00 PM, Brickell North/Center)*  **184**–Barriers Beyond the Clutter: Comorbid Issues Complicating Hoarding Disorder Interventions *(Fri. 10:30 AM - 12:00 PM, Tuttle North/Center)* 

**313**–The Intersection of Age, Culture, and Mental Health: Clinical Implications for the Treatment of Depression and Anxiety in the Elderly (*Fri. I:30 PM - 3:30 PM, Gardenia A/B*)

**008**-ADAA Practice Symposium: Addressing Treatment Resistance: When Good Treatment Is Not Enough (*Fri. I:30 PM - 3:30 PM, Riverfront South-Lobby Level*)

**306**–National Clinical Research Registries: A Critical Look Into the Opportunities, Challenges, and Potential for Advancing Anxiety and Depression Research

(Fri. 4:00 PM - 5:00 PM, Orchid D)

**351–**Mood, Anxiety, and Suicide: Biological and Clinical Correlates *(Fri. 4:00 PM - 6:00 PM, Hibiscus B)* 

**I56**–A Transdiagnostic Treatment Protocol for All Emotional Disorders (*Fri. 4:00 PM - 6:00 PM, Orchid A/B*)

**330**–Anxiety and Depression Prevention (*Fri. 4:00 PM - 6:00 PM, Hibiscus A*)

**II6-**Incorporating the Family System Into Individual Treatment

(Fri. 5:00 PM - 6:00 PM, Brickell South)

**328–**Effects of Early Life Stress on Cognitive and Emotional Development, From Mouse to Man *(Sat. 9:30 AM - II:00 AM, Gardenia A/B)* 

**359**–Ethnoracial Disparities in Anxiety and Anxiety-Related Mental Health Conditions Research and Practice

(Sat. 9:30 AM - II:00 AM, Tuttle South)

**367**–Late-Life Anxiety and Depressive Disorders: Enhancing Our Understanding of Their Prevalence and Comorbidities, as Well as Factors Related to Help-Seeking, Diagnosis, and Treatment. (*Sat. II:30 AM - I:00 PM, Tuttle South*) **125**-Anxiety and Depression Rounds (Sat. 2:00 PM - 4:00 PM, Hibiscus A)

**183–**Postpartum Parenting: Managing Depression, Anxiety, and Intrusive Thoughts as a (New) Parent (*Sat. 4:30 PM - 6:00 PM, Flamingo-4th Fl*)

**II5–**Special Considerations in Treating Anxiety and Depression in College-Age Young Adults Across a Continuum of Care (Sun. 8:30 AM - 9:30 AM, Orchid A/B)

**I33**–Beyond Anxiety: Extending the Clinical Applications of the Unified Protocol for Transdiagnostic Treatment of Emotional Disorders (Sun. 8:30 AM - IO:00 AM, Hibiscus A)

#### **ANXIETY DISORDERS**

**346**–Heterogeneity in Posttraumatic Stress Responses: Translational Evidence and New Directions (*Thu. I:O0 PM - 2:30 PM, Tuttle South*)

**233–**Group Consultation — Treatment-Resistant Anxiety and Depression in Adults (*Fri. 12:15 PM - 1:15 PM, Orchid A/B*)

**208**–Pushing the Envelope on Exposure Therapy for Anxiety Disorders (*Fri. I:30 PM - 3:30 PM, Orchid A/B*)

**368**–(Don Klein Award Winner) Orexin I and 2 Receptor Involvement in CO2-Induced Panic-Associated Behaviors and Autonomic Responses (*Fri. 3:00 PM - 3:30 PM, Brickell South*)

**357**-Biomarkers of Anxiety and Fear Processes Across Development (*Fri. 4:00 PM - 6:00 PM, Gardenia A/B*)

**I02–**Translating Clinical Trial Research to Direct Service Delivery: A View From Both Sides of the Aisle (*Fri. 5:00 PM - 6:00 PM, Orchid D*)

Jerilyn Ross Lecture: 005 – Should We Be Treating Neuroticism Instead of Anxiety and Depression? (Sat. 8:15 AM - 9:15 AM, Riverfront South-Lobby Level)

**307**-Augmenting Psychotherapies for Anxiety Disorders With Cognitive Enhancers: Past, Present, and Future

(Sat. 9:30 AM - II:00 AM, Tequesta-4th Fl)

**33I–**Disgust in the Anxiety Disorders: Current Status (*Sat. 9:30 AM - II:00 AM, Hibiscus A*)

# **SESSIONS BY CATEGORY**

**I3I–**Discrimination, Anxiety, and Stress: A Black and Hispanic Perspective (*Sat. II:30 AM - I:00 PM, Brickell South*)

**234–**Group Consultation — Treatment-Resistant Pediatric Anxiety (*Sat. I:O0 PM - 2:00 PM, Orchid A/B*)

**I39**-Comorbid Anxiety in Major Mood Disorders (*Sat. 2:00 PM - 4:00 PM, Brickell Center*)

**I72-**Theory-Driven Parent-Based Treatment for Childhood Anxiety: The SPACE Program (*Sat. 4:30 PM - 6:00 PM, Tuttle South*)

**227–**Targeting Areas of the Brain for Change: Techniques for Assessing Sources of Anxiety in the Brain (*Sat. 4:30 PM - 6:00 PM, Tequesta-4th FI*)

**212–**Procrastination, Anxiety and What to Do About It (*Sat. 4:30 PM - 6:00 PM, Brickell Center*)

**30I–**What Will RDoC Studies of Negative Valence Systems Tell Us About Anxiety and Depression? (Sun. 8:30 AM - 10:30 AM, Tuttle South)

**362**-Moving Beyond Threat Responses to Unambiguous Cues of Certain Danger for Studies Investigating Fear-Related Abnormalities in Clinical Anxiety (*Sun. 8:30 AM - 10:30 AM, Brickell South*)

**12I**-Clinical Strategies for Enhancing Motivation in Anxious Children and Adults (*Sun. 9:30 AM - 10:30 AM, Orchid A/B*)

**318**–Mediators and Moderators of Anxiety Treatment and Prevention Programs (Sun. II:00 AM - I:00 PM, Orchid D)

#### **AUTISM SPECTRUM DISORDERS**

**MCO12**–Anxiety and Depression in Children and Adolescents With Autism Spectrum Disorder (*Thu. 3:00 PM - 5:00 PM, Tuttle North/Center*)

**202–**The Presentation and Treatment of OCD in Autism Spectrum Disorder (*Sat. II:30 AM – I:00 PM, Hibiscus B*)

**I30**-The Role of ASDs in Treatment Co-Occurring Conditions: Complicating Comorbidities (Sun. 8:30 AM - 10:30 AM, Tuttle North)

#### **BIPOLAR DISORDER**

**209**–New Developments in Cognitive Therapy for Social Anxiety Disorder: Improving Efficacy, Increasing Access, and Treating People With Bipolar Disorder Comorbid With Social Anxiety Disorder (*Fri. 4:00 PM - 6:00 PM, Tuttle North/Center*)

**223–**Enhancing Treatment Adherence for Comorbid Bipolar Disorder and Substance Abuse: An Individual Therapy Model (*Sat. 9:30 AM - II:00 AM, Orchid A/B*)

**122**–Navigating Treatment of Co-Occurring Anxiety and Bipolar Disorder — Patient and Provider Perspectives (*Sat. 2:00 PM - 3:00 PM, Brickell South*)

#### **CAREER DEVELOPMENT AND PRACTICE ISSUES**

**OOI**–PCORI and ADAA: Promoting Patient-Centered Research for Anxiety and Depressive Disorders (*Thu. I2:30 PM - 2:30 PM, Brickell South*)

**I68**-Navigating the Internship Match Process (*Thu. I:30 PM - 2:30 PM, Orchid D*)

**I40**-Mobile Mental Health Apps: What Clinicians Need to Know (Thu. 3:00 PM - 5:00 PM, Orchid B)

**366**-Developing Single-Case Designs: Testing Hypotheses and Piloting Procedures (Thu. 3:00 PM - 5:00 PM, Orchid D)

**002**–NIMH Clinical Trial Presentation (Thu. 3:00 PM - 5:00 PM, Brickell South)

**I76**–Transdisciplinary Education in Cognitive-Behavioral Therapies: Strategies for Training Psychiatry Residents (Fri. 8:00 AM - 10:00 AM, Orchid D)

**23I**–Workshops That Wow: The Magic Behind a Great Presentation (Fri. 8:00 AM - 10:00 AM, Hibiscus B)

**III**-Taking Care of Business: A Real-World Discussion About Owning and Operating a CBT Clinical Practice (Fri. 4:00 PM - 5:00 PM, Brickell South)

**IOI**–Massed Exposure and Intensive Treatment Modalities for Anxious Youth: Expert Panel of Clinical Researchers Discusses Merits and Barriers to Best Practice (Sat. 9:30 AM - II:00 AM, Jasmine) **I59**-Practice Within Your Practice: A Model for Supporting Compassion Satisfaction by Effecting the Experience of Doing Psychotherapy (Sat. 9:30 AM - II:00 AM, Flamingo-4th Fl)

**338**–Lessons Learned and Collaborations Formed From the Career Development Leadership Program: Examining Multilevel Influences on Mental Health Care (Sat. II:30 AM - I:00 PM, Gardenia A/B)

**II9**-Career Decisions and Transitions for Women With Families

(Sat. I:00 PM - 2:00 PM, Tuttle North/Center)

**304**–Early Career Research: Strategies for Getting Funded (Sat. 2:00 PM - 3:00 PM, Tuttle South)

#### **CHILDREN AND ADOLESCENTS**

**MC002–**Cognitive-Behavior Therapy for Children and Adolescents With Obsessive-Compulsive Disorder

(Thu. IO:00 AM - I2:00 PM, Tuttle North/Center)

**MC006**–Interpersonal Psychotherapy for Depressed Adolescents: An Introduction to Principles and Techniques (*Thu. 12:30 PM - 2:30 PM, Tuttle North/Center*)

**MC007**–Fear and Flexibility: Acceptance and Commitment Therapy for OCD-Spectrum Disorders in Children and Adolescents (*Thu. 12:30 PM - 2:30 PM, Hibiscus B*)

**310**–Service Utilization Among Youths With Internalizing Disorders and Comorbid Conditions (*Thu. I:O0 PM - 2:30 PM, Orchid C*)

**336**–Novel Strategies for Enhancing CBT Outcomes for Children With Anxiety and Related Disorders (*Thu. 3:00 PM - 5:00 PM, Orchid C*)

**214**–Intensive CBT for Adolescent School Avoidance (*Fri. 8:00 AM - 10:00 AM, Orchid C*)

**I90–**A Multimodal Approach: Intensive Group Treatment for Pediatric Anxiety Disorders *(Fri. 10:30 AM - 12:00 PM, Orchid A/B)* 

**225**–Metaphorically Speaking: Educating Children and Teens About Anxiety Disorders and Their Treatment (*Fri. I:30 PM - 3:00 PM, Brickell North/Center*) **348**–Error Monitoring Brain Activity in Child and Adolescent Anxiety (*Fri. I:30 PM - 3:30 PM, Hibiscus A*)

**107**–Interventions With Commercially Sexually Exploited Adolescents (Fri. 4:00 PM - 5:00 PM, Orchid C)

**108**-Your Toughest Teen Cases: Treating Anxious Teens Who Act Out (*Fri. 4:00 PM - 5:00 PM, Brickell North/Center*)

**I20–**Treatment Considerations for Anxiety and Depression in Children With Epilepsy: Learning Problems, Social Skills, and Medication (*Fri. 5:00 PM - 6:00 PM, Orchid C*)

**189–**An Approach to Helping Families of Treatment Refusers With Obsessive-Compulsive-Related Symptoms (*Sat. 9:30 AM - II:00 AM, Orchid C/D*)

**215**–Cognitive Rigidity: An Important Element in the Treatment of Childhood Psychiatric Disorders (*Sat. II:30 AM - I:00 PM, Tuttle North/Center*)

**342–**Contributions of Sleep to Anxious/Affective Risk and Psychopathology in Children and Adolescents (*Sat. II:30 AM - I:00 PM, Flamingo-4th Fl*)

**34I**–Understanding Family Factors in Child and Adolescent Anxiety Disorders: Associations With Symptoms and Recent Developments in Treatment (*Sat. 2:00 PM - 4:00 PM, Gardenia A/B*)

**358**–What Can the Functioning of Boston-Area Families Following the 2013 Marathon Bombing Teach Us About the Impact of Terrorism on Youth? (*Sat. 2:00 PM - 4:00 PM, Jasmine*)

**339–**New Developments in CBT for Pediatric Obsessive-Compulsive Disorder (*Sat. 4:30 PM - 6:00 PM, Hibiscus B*)

**188**–Family Accommodation in Children and Adolescents With Anxiety and Depressive Disorders (Sun. II:00 AM - 12:30 PM, Tuttle South)

**224–**The Unified Protocol for the Treatment of Emotional Disorders: Advanced Principles and Case-Based Discussion for Adults, Adolescents, and Children (*Sun. II:00 AM - 12:30 PM, Hibiscus A*)

# **SESSIONS BY CATEGORY**

#### **COMPLICATED GRIEF**

**350**–Optimizing Treatment of Complicated Grief: Results From a Multisite Randomized Controlled Trial (*Fri. 4:00 PM - 6:00 PM, Riverfront South-Lobby Level*)

**356**–Examining Associated Constructs to Improve the Characterization of Complicated Grief (*Sat. 9:30 AM - II:00 AM, Hibiscus B*)

**220**–Introduction to Complicated Grief Treatment: An Evidence-Based Approach (*Sun. 9:30 AM - 12:30 PM, Hibiscus B*)

#### DEPRESSION

**MC00I**–Integrating Evidence-Based Insomnia and Fatigue Strategies Into Depression Treatment (*Thu. 10:00 AM - 12:00 PM, Hibiscus B*)

**I35**-New Approaches to Men's Depression and Suicide Prevention

(Fri. 8:00 AM - 10:00 AM, Jasmine)

**127**–Interpersonal Psychotherapy: An Update (Sat. 9:30 AM - II:00 AM, Tuttle North/Center)

**I49**-Multimodal Intensive Treatment for Individuals With Treatment-Refractory Depression and Co-Occurring Anxiety Disorders (*Sat. 9:30 AM - II:00 AM, Brickell South*)

**315**–Cognitive Training and Transcranial Direct Current Stimulation: New Neurocognitive Approaches to the Treatment of Depression (*Sat. 2:00 PM - 4:00 PM, Hibiscus B*)

#### ETHICS

**173**–Ethics in Practice: The Importance of Informed Consent (Sun. 8:30 AM - 10:30 AM, Tuttle Center)

**230**–Navigating Legal and Ethical Dilemmas in the Treatment of Anxiety Disorders (Sun. II:00 AM - I2:30 PM, Tuttle Center)

#### **GENERALIZED ANXIETY DISORDER**

**218**–Targeting Intolerance of Uncertainty in Generalized Anxiety Disorder: Comparing and Contrasting the Use of Cognitive vs. Behavioral Approaches

(Fri. 8:00 AM - 10:00 AM, Orchid A/B)

**207**-Values Clarification and Action in Acceptance-Based Behavioral Therapy: Helping Anxious Clients Reclaim Their Lives (Sun. 8:30 AM - 10:30 AM, Orchid D)

#### **HEALTH ANXIETY**

**217**–Psychological Approaches to Digestive Disorders Including Irritable Bowel Syndrome and Inflammatory Bowel Diseases (*Fri. I:30 PM - 3:30 PM, Orchid C*)

#### MINDFULNESS

MCOIO-An Introduction to Compassion-Focused Therapy for Anxiety and Depression (*Thu. 3:00 PM - 5:00 PM, Hibiscus B*)
363-Yoga for Mental Health: New Research on Feasibility, Mechanisms, and Outcomes (*Fri. IO:30 AM - 12:00 PM, Jasmine*)

**222**–Mindfulness Over Matter: Integrating Mindfulness Into the Treatment of Adolescent Depression (*Sat. II:30 AM - I:00 PM, Jasmine*)

**332**–Recent Applications of Mindfulness and Emotion Regulation in the Conceptualization and Treatment of Anxiety Disorders (*Sat. 4:30 PM - 6:00 PM, Hibiscus A*)

#### **NEUROIMAGING**

**308**–Mechanisms of Altered Interoceptive Awareness in Anxiety and Depression (*Sat. 2:00 PM - 4:00 PM, Tequesta-4th Fl*)

**312–**Mechanisms of Ketamine Across Mood and Anxiety Disorders (*Sat. 2:00 PM - 4:00 PM, Tuttle North/Center*) **316**–Examining Reward Dysfunction as a Risk for Depression Onset, Maintenance, and Relapse From Adolescence to Adulthood (*Sat. 4:30 PM - 6:00 PM, Jasmine*)

**317**–Recent Developments in Research on the Neural Circuitry of PTSD (Sun. 8:30 AM - 10:00 AM, Orchid C)

**337**–Extreme Anxiety Reflects Aberrant Functional Connectivity in Prefrontal-Amygdalar Networks (*Sun. II:00 AM - 12:30 PM, Orchid C*)

#### **OBSESSIVE-COMPULSIVE DISORDER**

**Preconference Workshop**-Changing the Anxious Mind — Rapidly (*Thu.* 9:00 AM - 4:30 PM, Jasmine)

**MC003**–Comprehensive Cognitive-Behavior Therapy for Obsessive-Compulsive Disorder to Maximize Gains (*Thu. IO:00 AM - I2:00 PM, Hibiscus A*)

**MC007**–Fear & Flexibility: Acceptance and Commitment Therapy for OCD-Spectrum Disorders in Children and Adolescents (*Thu. 12:30 pm – 2:30 pm, Hibiscus B*)

**128**–How to Conceptualize and Treat Comorbid PTSD and OCD (Fri. 10:30 AM - 12:00 PM, Orchid D)

**203**–Comorbidity of OCD and Eating Disorders and Its Implication to Treatment *(Fri. 10:30 AM - 12:00 PM, Gardenia A/B)* 

**124–**State-of-the-Art Therapeutics for Repetitive Behavioral Disorders (*Fri. I:30 PM - 3:00 PM, Tuttle North/Center*)

**344**–Glutamatergic Dysfunction in OCD: The Current State of the Evidence From Genetics and Neuroimaging (*Fri. I:30 PM - 3:30 PM, Jasmine*)

**353**–A Penny for Your Thoughts, a Dollar for Your Thoughts About Thoughts: Metacognition in the Treatment of Severe OCD (*Sat. II:30 AM – I:00 PM, Hibiscus A*)

**187**–When Boundaries Blur: Treating OCD Within the Family System (*Sat. 4:30 PM - 6:00 PM, Orchid C/D*)

**I60**-Clinical Applications of Mindfulness-Enhanced Cognitive-Behavioral Therapy for OCD (Sun. II:00 AM - I2:30 PM, Tuttle North)

**355**-Compulsivity as a New Transdiagnostic Research Domain for the RDoC (Sponsored by the International College of Obsessive Compulsive Spectrum Disorders (ICOCS))

(Sun. II:00 AM - I:00 PM, Orchid A/B)

#### **PANIC DISORDER**

**IO6–**Taking the Fear Out of Panic: Innovations in CBT for Panic Disorder (*Fri. 5:00 PM - 6:00 PM, Brickell North/Center*)

**I32–**Abnormal Respiratory Physiology and Breathing Retraining Treatments in Panic Disorder (*Sat. II:30 AM - I:00 PM, Tequesta-4th FI*)

#### PHARMACOTHERAPY

**MC005–**Management of Treatment-Refractory Depression: The Art and the Science (*Thu. 12:30 PM - 2:30 PM, Hibiscus A*)

**MC009**–Pharmacotherapy for Anxiety in Children and Adolescents (*Thu. 3:00 PM - 5:00 PM, Hibiscus A*)

**303**–Is Psychotropic Medical Washout Necessary for Clinical Neuroscientific Research? (*Fri. 5:00 PM - 6:00 PM, Tuttle South*)

**I4I**-Treatment-Resistant Depression, Treatment-Resistant Anxiety Disorder: What Should Guide What I Do Next?

(Sat. II:30 AM - I:00 PM, Orchid C/D)

**103**–Decreasing or Discontinuing Medications in Adult and Pediatric OCD: An Expert Roundtable Discussion (*Sat. 3:00 PM - 4:00 PM, Tuttle South*)

#### PHOBIAS

**193**–Afraid of What Might Come Up? Treating Fear of Vomiting (Emetophobia) Using a Cognitive-Behavioral Approach

(Sat. 4:30 PM - 6:00 PM, Orchid A/B)

# **SESSIONS BY CATEGORY**

#### PSYCHOTHERAPY (ACT, CBT, DBT, ETC.)

**MC004**–Applications of Dialectical Behavior Therapy to the Treatment of Trauma-Related Problems (*Thu. I0:00 AM - I2:00 PM, Brickell North/Center*)

**MC008**–Cognitive-Behavior Therapy for Personality Disorders (*Thu. 12:30 PM - 2:30 PM, Brickell North/Center*)

**232–**Trial-Based Cognitive Therapy: A Novel Approach to Changing Core Beliefs in CBT (*Fri. 8:00 AM - 10:00 AM, Brickell North/Center*)

**I53**-Acceptance-Based CBT for Tinnitus Distress (*Fri. 8:00 AM - 10:00 AM, Tuttle South*)

#### PTSD AND TRAUMA

**322**–Genetics of PTSD: An Update (*Thu. 3:00 PM - 5:00 PM, Tuttle South*)

**360**–Assessing Predictive Risk Factors of Posttraumatic Stress Disorder in Patients With Attention-Deficit/Hyperactivity Disorder (*Fri. 8:00 AM - 10:00 AM, Brickell South*)

**335**–Inside the "Black Box" of Treatment for PTSD: Processes and Pathways of Symptom Change (*Fri. 10:30 AM - 12:00 PM, Hibiscus A*)

**333**–Translating Research Findings to the Clinic and Community: An Examination of Risk and Protective Factors of Quality of Life and Functioning Among Recent Veterans in Diverse Contexts (*Fri. 1:30 PM – 3:30 PM, Orchid D*)

**300**–Feasibility and Implementation of Emergency Department Mental Health Studies (*Fri. 4:00 PM - 5:00 PM, Tuttle South*)

**349–**Addressing the Needs of Combat Veterans With Co-occurring Head Injury and Mental Health Symptoms: Clinical Trial Outcomes for Individuals With TBI and Psychological Distress (Fri. 4:00 PM - 6:00 PM, Jasmine)

**309**–Improving Exposure-Based Treatments for PTSD (*Sat. 9:30 AM - II:00 AM, Brickell North*)

**319**–Informing Empirically Validated Treatments for PTSD: We Know What Treatments Are Most Effective, But Where Do We Go From Here? (*Sat. II:30 AM - I:00 PM, Brickell North*) **210–**Effective Processing in Prolonged Exposure Therapy for PTSD (*Sat. 2:00 PM - 4:00 PM, Flamingo-4th Fl*)

**3II-**Factors Affecting Treatment Outcome: Risk, Resilience, and Retention (*Sat. 4:30 PM - 6:00 PM, Gardenia A/B*)

**I36-**Application of an Internet-Based CBT Treatment for PTSD in Hard-to-Reach Populations (*Sat. 4:30 PM - 6:00 PM, Tuttle North/Center*)

**329**–PTSD: Predicting its Development From Prospective Studies and Creating Early Interventions for Its Prevention (*Sat. 4:30 PM - 6:00 PM, Brickell North*)

**I80–**An Overview of Structured Approach Therapy for PTSD: A Behavioral Couple-Based PTSD Intervention for Returning Veterans and Their Partners (Sun. II:00 AM - I2:30 PM, Brickell North)

**326–**Biomarkers of PTSD: Current Status and Future Directions (*Sun. II:OO AM - I:OO PM, Brickell South*) Selective Mutism

**I55**-Selective Mutism: Who Put the "C" in the CBT? (*Fri. I:30 PM - 3:00 PM, Brickell South*)

**I34–**Successful School-Based Collaboration in the Treatment of Selective Mutism (*Sat. 9:30 AM - II:00 AM, Brickell Center*)

**177–**Cognitive-Behavioral Therapy for Insomnia (CBT-I) (*Sat. 2:00 PM - 4:00 PM, Orchid C/D*)

#### SOCIAL ANXIETY DISORDER

**334**–Recent Advances in Understanding Social Anxiety: A Focus on Neural Correlates, Cognitive Risk Factors, and Phenomenology (*Fri. I:30 PM - 3:30 PM, Tuttle South*)

**I57**–Compassion-Focused Therapy for Shyness and Social Anxiety Disorder: Compassionate Social Fitness (*Sat. II:30 AM - I:00 PM, Brickell Center*)

#### SUICIDE AND SUICIDAL IDEATION

**347**–Suicide Risk When the Chief Complaint Is Not Depression

(Fri. I:30 PM - 3:30 PM, Hibiscus B)

**II2–**Suicide: Opportunity for Psychological Hospice vs. Legal Risk Management Model of Care (*Sat. 2:00 PM - 3:00 PM, Orchid A/B*)

**IOO**–Mental Health of Law Enforcement Officers: Current Strategies and Issues in Prevention and Intervention.

(Sat. 3:00 PM - 4:00 PM, Brickell South)

**II7**–Is Your Patient Seriously Suicidal? When to Hospitalize Suicidal, Violent, or Impulsive Patients (*Sat. 3:00 PM - 4:00 PM, Orchid A/B*)

**I95**–Behavioral Chains: Assessment, Intervention, and Change. Learn How to Get Unstuck With Clients and Enhance Movement in Treatment (*Sat. 4:30 PM - 6:00 PM, Brickell South*)

**340**–Updates in Understanding Body Dysmorphic Disorder: Treatment Advances and Research on Co-occurring Suicidality (Sun. 8:30 AM - 10:30 AM, Brickell North)

#### TRICHOTILLOMANIA AND TIC DISORDERS

**I42**–Behavioral Treatment of Tics in Individuals With Anxiety (*Sat. II:30 AM - I:00 PM, Orchid A/B*)

**327**–Trichotillomania and Other Body Focused Repetitive Behaviors: New Understanding, Better Treatment (*Sat. 2:00 PM - 4:00 PM, Brickell North* 

# THURSDAY, APRIL 9

## 8:00 AM - 6:00 PM Registration

(Upper Promenade, Terrace Level)

#### 9:00 AM – 4:30 PM Preconference Workshop

#### (additional fee required)

**Changing the Anxious Mind — Rapidly** (Jasmine) **Reid Wilson, PhD,** Anxiety Disorders Treatment Center

## 10:00 AM - 12:00 PM

MCOOI-Integrating Evidence-Based Insomnia and Fatigue Strategies Into Depression Treatment (*Hibiscus B*) Colleen E. Carney, PhD, Ryerson University

#### MC002-Cognitive-Behavior Therapy for Children and Adolescents With Obsessive-Compulsive Disorder (Tuttle North/Center) Eric A. Storch, PhD, University of South Florida & Rogers Memorial Hospital

MC003-Comprehensive Cognitive-Behavior Therapy for Obsessive-Compulsive Disorder to Maximize Gains (*Hibiscus A*) Lata K. McGinn, PhD, Yeshiva University

#### MCOO4–Applications of Dialectical Behavior Therapy to the Treatment of Trauma-Related Problems (Brickell North/Center) Amy W. Wagner, PhD, Portland VA Medical Center

## 12:30 PM – 2:30 PM

OOI-PCORI and ADAA: Promoting Patient-Centered Research for Anxiety and Depressive Disorders (Brickell South) Annie M. Bollini, PhD, PCORI

#### MC008-Cognitive-Behavior Therapy for

Personality Disorders (Brickell North/Center) Judith S. Beck, PhD, Beck Institute for Cognitive Behavior Therapy

#### \*MC005–Management of Treatment-Refractory Depression: The Art and the Science (*Hibiscus A*)

Charles B. Nemeroff, MD, PhD, University of Miami W. Edward Craighead, PhD, Emory University

\*Maintenance of Certification (MOC) Self-Assessment Credits for Psychiatrists

MC006-Interpersonal Psychotherapy for Depressed Adolescents: An Introduction to Principles and Techniques (Tuttle North/Center) Laura Mufson, PhD, Columbia University and New York State Psychiatric Institute

MCOO7–Fear & Flexibility: Acceptance and Commitment Therapy for OCD-Spectrum Disorders in Children and Adolescents (*Hibiscus B*)

Lisa W. Coyne, PhD, Harvard Medical School/McLean Hospital

# 1:00 PM – 2:30 PM

#### 3IO–Service Utilization Among Youths With Internalizing Disorders and Comorbid Conditions (Orchid C)

**Chair: Ashley M. Smith, MS,** University of Miami Long-Term Predictors of Service Utilization in the Prevention of Depression (POD) Study

Minh-Chau T. Do, BA, University of California, San Diego

Factors That Influence Mental Health Service Use Amongst Latino and African American Youth With Internalizing Symptoms

#### Amanda Wagstaff, MA,

Patterns of Mental Health Service Utilization Among Youth With Depression in the Community

#### Ashley M. Smith, MS, University of Miami Predictive Validity of Clinician-Rated Risk of Suicide: A Single Clinician-Rated Screening Item Predicts Subsequent Crises

#### Leticia Duvivier, MS, University of Miami

Discussant: Jill Ehrenreich May, PhD,

University of Miami

#### 346–Heterogeneity in Posttraumatic Stress Responses: Translational Evidence and New Directions (Tuttle South)

Chair: Seth David Norrholm, PhD, Emory University School of Medicine

Empirical Characterization of Heterogeneous Posttraumatic Stress Responses Is Necessary to Improve the Science of Posttraumatic Stress

**Isaac Galatzer-Levy, PhD,** NYU School of Medicine, Department of Psychiatry

Heterogeneity in a Mouse Model of PTSD: Fear Extinction and FKBP5 Modulation in Response to Dexamethasone Suppression

Raul Andero Gali, PhD, Emory University School of Medicine

Identifying Extinction Learning Trajectories and Their Association With Psychiatric Symptoms in a Sample of Active Duty Marines

**Dean T. Acheson, PhD,** University of California, San Diego

Conditioned Fear Extinction Trajectories in Traumatized Combat Veteran and Civilian Populations

Seth David Norrholm, PhD, Emory University School of Medicine

#### 1:30 PM – 2:30 PM 168–Navigating the Internship Match Process (Orchid D)

Simon A. Rego, PsyD, Montefiore Medical Center; Jeff Baker, PhD, Association of Psychology Postdoctoral & Internship Centers (APPIC); Michelle Blackmore, PhD, Montefiore Medical Center; Dahlia Mukherjee, MA, University of Pennsylvania

## 2:30 PM – 3:00 PM Networking Break

## 3:00 PM - 5:00 PM

**OO2–NIMH Clinical Trials** (Brickell South) **Chair: Holly Ann Garriock, PhD,** National Institute of Mental Health

Susan Borja, PhD, Michael J. Kozak, PhD, and Matthew Rudorfer, MD, National Institute of Mental Health

#### \*MC009–Pharmacotherapy for Anxiety in Children and Adolescents (*Hibiscus A*) Daniel Pine, MD, National Institute of Mental Health

\*Maintenance of Certification (MOC) Self-Assessment Credits for Psychiatrists

#### MCOIO-An Introduction to Compassion-Focused Therapy for Anxiety and Depression An Introduction to Compassion Focused Therapy for Anxiety and Depression (*Hibiscus B*)

Dennis Tirch, PhD, The Center for Mindfulness and CBT

MCOII-Cognitive Behavioral Therapy for Perfectionism (Brickell North/Center) Martin M. Antony, PhD, Ryerson University

#### MCOI2–Anxiety and Depression in Children and Adolescents With Autism Spectrum Disorder (Tuttle North/Center)

Susan W. White, PhD, Virginia Tech

#### I4O–Mobile Mental Health Apps: What Clinicians Need to Know (Orchid B)

**Chair: Michael Van Ameringen, MD,** McMaster University, St. Joseph's Healthcare Hamilton *Mental Health Apps: Where to Start?* 

Michael Van Ameringen, MD, McMaster University Apps: Safety, Privacy, and Ethical Issues

Simon A. Rego, PsyD, Montefiore Medical Center Practical Applications of mhealth Apps Michelle A. Blackmore, PhD, Montefiore Medical

Center

# **THURSDAY, APRIL 9**

#### 3:00 PM – 5:00 PM, CONTINUED

322-Genetics of PTSD: An Update (Tuttle South)

**Chairs: Jordan Smoller, MD,** Massachusetts General Hospital and Murray B. Stein, MD, MPH, University of California, San Diego

Identifying PTSD Risk Loci via GWAS

Joel Gelernter, MD, Yale School of Medicine Genetic Markers of PTSD Identified in Human Postmortem, Preclinical, and Epidemiological Studies: Preliminary Findings From the STRONG STAR PTSD Consortium

**Douglas Williamson, PhD,** University of Texas Health Science Center

Extending Genome-Wide Association Studies (GWAS) to Identify Risk Factors for PTSD in Combat-Exposed Marines

Caroline Nievergelt, PhD, University of California, San Diego

Genome-Wide Association Study of PTSD in the Army Study to Assess Risk and Resilience in Service Members (Army STARRS)

**Chia-Yen Chen, PhD,** Massachusetts General Hospital GWAS of Posttraumatic Stress Disorder: First Report of the Psychiatric Genomics Consortium – PTSD Group

**Laramie Duncan, PhD,** Massachusetts General Hospital Discussant: **Karestan Koenen, PhD,** Columbia University

#### 336–Novel Strategies for Enhancing CBT Outcomes for Children With Anxiety and Related Disorders (Orchid C)

Chair: Jeremy W. Pettit, PhD, Florida International University

Helping Those Who Don't Want Your Help – Parent-Based Treatment for Treatment-Refusing Youth With Anxiety Disorders

Eli R. Lebowitz, PhD, Yale University Enhancing Child Anxiety CBT Outcomes: What Type of Parent Involvement for Whom?

Yasmin Rey, PhD<sup>1</sup>, Carla E. Marin, PhD<sup>2</sup>, Ileana Hernandez, PhD<sup>1</sup>, Wendy K. Silverman, PhD<sup>2</sup>, Jeremy W. Pettit, PhD<sup>1</sup>, 'Florida International University, <sup>2</sup>Yale University

Technology as a Tool for the Treatment of Social Anxiety Disorder and Selective Mutism

**Deborah C. Beidel, PhDI,** Josh Spitalnick, PhD<sup>2</sup>, Nina W. Sarver, PhD<sup>3</sup>, Brian Bunnel, MS<sup>1</sup>, Katelyn Procci, PhD<sup>1</sup>, <sup>1</sup>University of Central Florida, <sup>2</sup>Citrine Technologies, Inc., <sup>3</sup>University of Mississippi Medical School

Preliminary Findings of a Randomized Controlled Trial of Attention Bias Modification for Child Anxiety CBT Nonresponders **Michele Bechor, BA**<sup>1</sup>, Jeremy W. Pettit, PhDI, Wendy K. Silverman, PhD<sup>2</sup>, Daniel S. Pine, MD<sup>3</sup>, Yasmin Rey, PhDI, Yair Bar-Haim, PhD<sup>4</sup>, Michael W. Vasey, PhD<sup>5</sup>, IFlorida International University, <sup>2</sup>Yale University, <sup>3</sup>National Institute of Mental Health, <sup>4</sup>Tel Aviv University, <sup>5</sup>Ohio State University

A Preliminary Study of D-Cycloserine Augmentation of Cognitive-Behavioral Therapy in Pediatric Obsessive-Compulsive Disorder

**Eric A. Storch, PhDI**, Tanya K. Murphy, MD<sup>2</sup>, Wayne K. Goodman, MD<sup>3</sup>, Gary R. Geffken, PhD4, Adam B. Lewin, PhD<sup>2</sup>, Aude Henin, PhD<sup>5</sup>, Jamie A. Micco, PhD<sup>5</sup>, Susan Sprich, PhD5, Sabine Wilhelm, PhD<sup>5</sup>, Michael Bengtson, MD<sup>2</sup>, Daniel A. Geller, MD<sup>6</sup>, <sup>1</sup>University of South Florida, <sup>2</sup>University of South Florida, <sup>3</sup>Mt. Sinai Hospital, <sup>4</sup>University of Florida, <sup>5</sup>Massachusetts General Hospital/Harvard Medical School, <sup>6</sup>Massachusetts General Hospital

Discussant: Wendy K. Silverman, PhD, Yale University

#### **366–Developing Single-Case Designs: Testing Hypotheses and Piloting Procedures** (Orchid D) **Dean McKay, PhD,** Fordham University

5:15 PM – 6:30 PM Opening Session and Keynote Address (Riverfront South/Central-Lobby Level)

#### Welcome

Mark Pollack, MD, ADAA President Rush University Medical Center

Kerry Ressler, MD, PhD, and Tanja Jovanovic, PhD Conference Co-Chairs Emory University

# Keynote: What Has DBS Taught Us About the Neurocircuitry of Depression?

Helen S. Mayberg, MD, Emory School of Medicine

#### **Awards Presentation**

Career Development Travel Awards Clinician Trainee Awards Donald F. Klein Early Career Investigator Award Member Recognition Awards

#### 6:30 PM – 7:30 PM Welcome Reception

Riverwalk/Outdoor Terrace (near Registration) (Open to all registrants)

# FRIDAY, APRIL 10

7:00 AM – 8:00 AM Continental Breakfast (Promenade Terrace Level)

7:00 AM – 8:15 AM Scientific Council Meeting (invitation only) (Riverfront South/Central – Lobby Level)

7:30 AM – 8:00 AM First-Time Attendee Breakfast (Flamingo-4th Floor)

7:30 AM – 5:30 PM Registration (Upper Promenade-Terrace Level)

7:30 AM – 5:00 PM Exhibits Open (Promenade-Terrace Level)

## 8:00 AM - 9:00 AM

#### 305–Smartphone Applications in the Treatment of Anxiety and Depression: Important Considerations for Development and Testing (*Hibiscus A*)

Chair: Nathaniel Van Kirk, PhD, McLean Hospital/Harvard Medical School; Kathleen Grubbs, PhD, Central Arkansas Veterans Healthcare System; Ellen Teng, PhD, Michael E. DeBakey VA Medical Center

#### 8:00 AM – 9:30 AM 343-Culture, Biology, and Context: Does It Matter for Practice? (Gardenia A/B)

Chair: Karen G. Martinez, MD, University of Puerto Rico

Trauma, Stress, and the Community in a Low-Income, Urban Population

**Dorthie Cross, PhD,** Emory University Ethnic Differences in Physiological Responses to Fear Conditioned Stimuli

Karen G. Martinez, MD, University of Puerto Rico Acculturative Stress Impacts Maternal Depressive Symptoms and Maternal Cortisol in Mexican-American Women During Pregnancy

**Kimberly D'Anna-Hernandez, PhD,** California State University, San Marcos

Psychological and Sociodemographic Correlates of Sleep Deficiency in Adults With Coronary Heart Disease

**Carmela Alcantara, PhD,** Columbia University Medical Center

## 8:00 AM - 10:00 AM

# 23I–Workshops That Wow: The Magic Behind a Great Presentation (*Hibiscus B*)

**Kimberly J. Morrow, LCSW**, Living Well With Anxiety **Ken Goodman, LCSW**, Quiet Mind Solutions

#### 232–Trial-Based Cognitive Therapy: A Novel Approach to Changing Core Beliefs in CBT (Brickell North/Center)

Irlsmar Rels de Oliveira, MD, Federal University of Bahia

#### **I35–New Approaches to Men's Depression** and Suicide Prevention (*Jasmine*)

**Chair: John Ogrodniczuk, PhD,** University of British Columbia

An Online Depression and Suicide Resource for Men

John Ogrodniczuk, PhD, University of British Columbia

- Evaluating and Extending Urban Indigenous Men's DUDES Club Program
- Paul Gross, MD, University of British Columbia Promoting Mental Health and Preventing and Treating Depression in Older Men: Development of a Toolkit for Disseminating Men's Sheds
- **Corey Mackenzie, PhD,** University of Manitoba Adapting the Veterans Transition Program (VTP) to Other Subgroups of Men Who Experience Depression and/or Suicidal Ideation

David Kuhl, MD, PhD, Providence Health Care Man-Up Against Suicide: A Photovoice Study Genevieve Creighton, PhD, University of British Columbia

#### I53–Acceptance-Based CBT for Tinnitus Distress (Tuttle South)

Bruce Hubbard, PhD, Cognitive Health Group

#### 176–Transdisciplinary Education in Cognitive-Behavioral Therapies: Strategies for Training Psychiatry Residents (Orchid D)

**Barbara W. Kamholz, PhD**, VA Boston HCS/Boston University School of Medicine; **Gabrielle Liverant**, **PhD**, Suffolk University; **Cindy J. Aaronson**, **PhD**, Icahn School of Medicine at Mount Sinai; **Justin Hill, PhD**, VA Boston HCS/Boston University School of Medicine

#### 204–Effective Level of Care Transition With DBT as the Theoretical Framework (Tuttle North/Center)

Angela M. Stebbins, PsyD, and Lara Schuster, LCSW, Insight Behavioral Health Systems

# FRIDAY, APRIL 10

#### 8:00 AM - 10:00 AM, CONTINUED

## 2I4–Intensive CBT for Adolescent School Avoidance (Orchid C)

Jamie Micco, PhD, and Jennifer M. Park, PhD, Massachusetts General Hospital/Harvard Medical School

#### 218–Targeting Intolerance of Uncertainty in Generalized Anxiety Disorder: Comparing and Contrasting the Use of Cognitive vs. Behavioral Approaches (Orchid A/B)

MeLisa Robichaud, PhD, Vancouver CBT Centre and David M. Jacobi, PhD, Rogers Memorial Hospital

#### 360–Assessing Predictive Risk Factors of Posttraumatic Stress Disorder in Patients With Attention-Deficit/Hyperactivity Disorder (Brickell South)

**Chair: Martin A. Katzman, MD,** START Clinic for Mood and Anxiety Disorders

Difficulties in the Clinical Diagnosis of Comorbid Attention Deficit Hyperactivity Disorder and Posttraumatic Stress Disorder

Irvin Epstein, MD, START Clinic for Mood and Anxiety Disorders

Understanding the Neurobiology of Attention Deficit Hyperactivity Disorder and Comorbid Posttraumatic Stress Disorder

Martin A. Katzman, MD, START Clinic for Mood and Anxiety Disorders

Pharmacotherapeutic Management of Attention Deficit Hyperactivity Disorder and Comorbid Posttraumatic Stress Disorder

Larry J. Klassen, MD, Eden Mental Health Centre

# FRIDAY, 8:30 AM - 9:00 AM

Special Invited Plenary Lecture (Riverfront South/Central—Lobby Level)

The Intersection of Depression, Anxiety, and Addiction

**George Koob, PhD,** National Institute on Alcohol Abuse and Alcoholism

#### 9:00 AM – 12:00 PM 18th Annual Scientific Research Symposium

**Psychobiology of the Intersection and Divergence of Depression and Anxiety** (*Riverfront South/Central—Lobby Level*)

Chair: Diego A. Pizzagalli, PhD, Harvard Medical School

Kappa-Opioid Receptors in the Study and Treatment of Psychiatric Illness William Carlezon, PhD, McLean Hospital/Harvard Medical School

Studying Kappa-Opioid Antagonism as a Potential Therapy for Anhedonia in Patients With Mood and Anxiety Spectrum Disorders Andrew Krystal, MD, Duke University School of

Medicine

Development and Expression of Fear Memories During Adolescence Francis Lee, MD, PhD, Weill Medical College

Translational Research on Fear and Learning in Adolescent Anxiety Disorders Daniel Pine, MD, National Institute of Mental Health

Targeting Elevations in Threat Sensitivity and Deficits in Reward Sensitivity in Therapy for Depression and Anxiety Michelle Craske, PhD<sup>1</sup>, Alicia Meuret, PhD<sup>2</sup>, Thomas Ritz, DPhil<sup>2</sup>, <sup>1</sup>University of California, Los Angeles, <sup>2</sup>Southern Methodist University

Prevention of Depression: Anxiety as a Moderator, Mediator, and Outcome? Judy Garber, PhD, Vanderbilt University (Supported in part by an educational grant from Janssen Research & Development, LLC)

# 9:30 AM – 10:30 AM

Professional Webinar Committee Tequesta (4th Floor)

10:00 AM - 10:30 AM Networking Break (Promen

Networking Break (Promenade—Terrace Level)

#### **10:30 AM – 12:00 PM** 123-How to Navigate Screen Time: iPads, Cell Phones, Computers – Oh My! (*Orchid C*)

Chair: Rebecca Sachs, PhD, Midtown CBT; Audrey Baumeister, PhD, NeuroBehavioral Institute; Laura Braider, PhD, Behavioral Health College Partnership/OCD Center

#### **128–How to Conceptualize and Treat** Comorbid PTSD and OCD (Orchid D)

**Chairs: Christal L. Badour, PhD,** Medical University of South Carolina

#### **32 « ANXIETY AND DEPRESSION CONFERENCE**

10:30 PM – 12:00 PM, CONTINUED

- **Thomas G. Adams, PhD,** Yale School of Medicine Obsessive-Compulsive Beliefs Mediate Relations Between Posttraumatic Cognitions and Obsessive-Compulsive Symptoms
- Rachel Ojserkis, MA, Fordham University Toward a Model of Trauma-Induced Obsessive-Compulsive Symptoms
- Dean McKay, PhD, Fordham University Subtypes of Posttraumatic OCD: A Case Series Christal L. Badour, PhD, Medical University of South Carolina

Treating Comorbid PTSD and OCD

Thomas Adams, PhD, Yale School of Medicine Discussant: Sabine Wilhelm, PhD, Massachusetts General Hospital/Harvard

#### I69-Medication and Behavioral Strategies for Treatment of Psychiatric Comorbidities in Young Adults With Depression (Brickell North/Center)

Jerry L. Halverson, MD, Rogers Memorial Hospital; Harsh K. Trivedi, MD, Vanderbilt Behavioral Health; Bradley Christopher Riemann, PhD, Rogers Memorial Hospital

#### 179–Embracing Uncertainty or at Least Tolerating It: Talking to Kids and Teens About Not Knowing (*Tuttle South*)

Lynne Siqueland, PhD, Deborah Roth Ledley, PhD, and Muniya S. Khanna, PhD, Children's and Adult Center for OCD and Anxiety

184-Barriers Beyond the Clutter: Comorbid Issues Complicating Hoarding Disorder Interventions (Tuttle North/Center) Elspeth Bell, PhD

#### 190–A Multimodal Approach: Intensive Group Treatment for Pediatric Anxiety Disorders (Orchid A/B)

Shelley Avny, PhD, Amanda Mintzer, PsyD, and Rachel Busman, PsyD, Child Mind Institute

#### 203–Comorbidity of OCD and Eating Disorders and Its Implication to Treatment (Gardenia A/B)

Eda Gorbis, PhD, Westwood Institute of Anxiety Disorders

226–Is Your Patient Treatment-Resistant or Is It You? What to Do When Your Patient Doesn't Respond to Treatment Specific Protocols for Anxiety and Related Disorders (Brickell South) Andrea G. Batton, LGPC, CBT Solutions of Baltimore, and Jonathan Hershfield, MFT

#### 335–Inside the "Black Box" of Treatment for PTSD: Processes and Pathways of Symptom Change (*Hibiscus A*)

Chair: Andrew A. Cooper, PhD, Case Western Reserve University

Early Response as a Predictor of Treatment Outcome in PTSD

Natalia Garcia, BA, University of Washington Idiographic Trajectories of Change During Prolonged Exposure and Sertraline Treatment for PTSD

**Elizabeth H. Marks, MS,** University of Washington Belief and Symptom Change in Prolonged Exposure Versus Sertraline for PTSD

Andrew A. Cooper, PhD, Case Western Reserve University

The Benefits of Between-Session Homework in Prolonged Exposure for PTSD

Belinda Graham, DClinPsy, University of Washington Discussant: Denise Sloan, PhD, National Center for PTSD

#### 363–Yoga for Mental Health: New Research on Feasibility, Mechanisms, and Outcomes (Jasmine)

Chairs: Lindsey B. Hopkins DeBoer, PhD, San Francisco VA Medical Center, and Johnna L. Medina, MA, University of Texas at Austin

Yoga for Cortisol Stress Reactivity and Maladaptive Eating Behavior

Lindsey B. Hopkins DeBoer, PhD, San Francisco VA Medical Center

Heated Hatha Yoga Enhances Mindfulness Among Women Low in Distress Tolerance

Johnna L. Medina, MA, University of Texas at Austin Heated Yoga for the Treatment of Depressive Symptoms

Maren B. Nyer, PhD, Massachusetts General Hospital/Harvard Medical School

Yoga for Generalized Anxiety Disorder Stefan G. Hofmann, PhD, Boston University Discussant: Ernestine Jennings, PhD, Brown Medical School

## 12:00 PM – 1:30 PM

Lunch on Your Own: Grab a sandwich or salad on the Promenade Level and attend one of the meetings or programs listed below.

## 12:00 PM – 1:15 PM

**Film Screening: "Let There Be Light"** (Orchid C) Screening of acclaimed recently restored and longsuppressed documentary depicting actual PTSD treatment of WWII veterans."Let There Be Light" (1946, 58 min.) was directed by John Huston and narrated by Walter Huston.



#### 12:00 PM - 1:15 PM, CONTINUED

## Child and Adolescent SIG Meeting and

Presentation (Brickell South)

Emotion Regulation Difficulties in Children and Adolescents: What the Heck Do I Do About It? Presenters: Lynne Siqueland, PhD, Chair; Stephanie Eken, MD, FAACP; Kathariya Mokrue, PhD; and Liza Bonin, PhD

#### 233–Group Consultation: Treatment-Resistant Anxiety and Depression in Adults (Orchid A/B)

**Chair: Sally Winston, PsyD,** Anxiety and Stress Disorders Institute of Maryland

Group consultation is a live demonstration of the online group consultations that ADAA will launch in the spring. Group Consultation offers participants an exclusive opportunity to further their clinical training in anxiety, depression, and related disorders through meaningful discussions about cases led by renowned clinical experts.

Depression and Anxiety Editorial Board Meeting (by invitation) (Japengo-Lobby Level)

Awardee and Mentor Lunch (by invitation) (Flamingo-4th Floor)

#### 12:30 PM - 1:30 PM

Recruitment and Retention Committee (Tequesta-4th Floor)

Public Education Committee (Granada-4th Floor)

#### 1:30 PM - 3:00 PM

155-Selective Mutism: Who Put the "C" in the CBT? (Brickell South) Steven Kurtz, PhD, Kurtz Psychology Consulting PC

#### 225-Metaphorically Speaking: Educating Children and Teens About Anxiety

**Disorders and Their Treatment** (Brickell North/Center) Jonathan Dalton, PhD, Center for Anxiety and

Behavioral Change

#### 1:30 PM – 3:30 PM Clinical Practice Symposium

Addressing Treatment Resistance: When Good Treatment Is Not Enough (Riverfront South-Lobby Level)

**Chair: Cindy Aaronson, PhD,** MSW, Mount Sinai School of Medicine

Expert clinicians discuss treating a very complex case of a patient with anxiety and depression. They will present their perspectives on treatment, applying the best psychosocial and pharmacotherapy approaches. The audience will have time for questions and discussion.

Panelists: Jeremy Coplan, MD, SUNY-Downstate; C. Alec Pollard, PhD, St. Louis Behavioral Medicine Institute; Reid Wilson, PhD, Anxiety Disorders Treatment Center; Michelle Craske, PhD, University of California, Los Angeles

#### I24-State-of-the-Art Therapeutics for Repetitive Behavioral Disorders (Tuttle North/Center)

**Chair: Phillip J. Seibell, MD,** Rogers Memorial Hospital

Emerging Treatments for Repetitive Behaviors in Autism Spectrum Disorders

**Eric Hollander, MD,** Albert Einstein College of Medicine

Update on Treatment for Body Dysmorphic Disorder

Katharine Phillips, MD, Brown University Repetitive Transcranial Magnetic Stimulation (rTMS) for Obsessive-Compulsive Disorder (OCD) and Tourette's Syndrome

Antonio Mantovani, MD, City University of New York-Sophie Davis School of Biomedical Education The Treatment of OCD and Related Disorders: Similarities and Differences

**Steven Poskar, MD,** Spectrum Neuroscience and Treatment Institute

Discussant: **Phillip J. Seibell, MD,** Rogers Memorial Hospital

#### 208-Pushing the Envelope on Exposure

Therapy for Anxiety Disorders (Orchid A/B) Michael J. Telch, PhD, The University of Texas at Austin

#### 34 « ANXIETY AND DEPRESSION CONFERENCE

1:30 PM – 3:30 PM, CONTINUED

#### 2I7–Psychological Approaches to Digestive Disorders Including Irritable Bowel Syndrome and Inflammatory Bowel Diseases (Orchid C)

Melissa G. Hunt, PhD, University of Pennsylvania

#### 3I3-The Intersection of Age, Culture, and Mental Health: Clinical Implications for the Treatment of Depression and Anxiety in the Elderly (Gardenia A/B)

Chairs: Daniel Jimenez, PhD, and Sara Czaja, PhD, University of Miami Miller School of Medicine

Health Promotion in the Prevention of Anxiety and Depression in Racial/Ethnic Minority Elderly

Daniel Jimenez, PhD, University of Miami Miller School of Medicine

*Psychological Distress and Family Caregiving* **Sara Czaja, PhD,** University of Miami Miller School of Medicine

New Methods for Assessing Between Early Alzheimer's Disease From Major Depression and Anxiety in the Elderly

**David Loewenstein, PhD,** University of Miami Miller School of Medicine

Challenges in the Diagnosis and Management of Geriatric Depression and Anxiety

**Elizabeth Crocco, MD,** University of Miami Miller School of Medicine

Discussant: **Philip Harvey, PhD,** University of Miami Miller School of Medicine

#### 333–Translating Research Findings to the Clinic and Community: An Examination of Risk and Protective Factors of Quality of Life and Functioning Among Recent Veterans in Diverse Contexts (Orchid D)

**Chair: Sarah Krill Williston, MA,** University of Massachusetts, Boston

Chair: T.H. Eric Bui, MD, PhD, Massachusetts General Hospital/Harvard Medical School

Longitudinal Association of Functional Impairment and Suicidality in OEF/OIF Veterans

Jonathan Green, PhD, Boston VA Healthcare System Complicated Grief and Quality of Life Among Treatment Seeking OEF/OIF/OND Veterans

T.H. Eric Bui, MD, PhD, Massachusetts General Hospital/Harvard Medical School

Predictors of Well-Being Among Recently Returning Student Veterans: Examining the Roles of Emotion Regulation Skills and Post-Deployment Social Support

Sarah Krill Williston, MA, University of Massachusetts, Boston

Resilience, Depression and Posttraumatic Stress Among Iraq/Afghanistan War Veterans

**Sandra Morissette, PhD,** Timothy R. Elliott, PhD, Texas A&M University Discussant: **Naomi Simon, MD,** Massachusetts General Hospital/Harvard Medical School.

#### 334-Recent Advances in Understanding Social Anxiety: A Focus on Neural Correlates, Cognitive Risk Factors, and Phenomenology (Tuttle South)

**Chair: Kiara Timpano, PhD,** University of Miami Factor Mixture Modeling of Social Anxiety Disorder: Preliminary Evidence for Normative, Moderate, and Severe Classes

Nicholas Allan, MS, Florida State University Attentional Control and Thought Suppression Independently Predict Immediate and 24-hour Delayed Post-Event Processing

Demet Çek, MS<sup>I</sup>, Noelle A. Mendez, BA<sup>2</sup>, Kiara Timpano, PhD<sup>2</sup>, <sup>I</sup>University of Miami, <sup>2</sup>University of Miami

Social Anxiety and Substance Use Vulnerability in College Students: The Moderating Role of Post-Event Processing

**Carrie Potter, MS,** Temple University Neural Changes Associated With Attention Bias Modification

Jennifer Britton, PhD, University of Miami Discussant: Richard Heimberg, PhD, Temple University

#### 344–Glutamatergic Dysfunction in OCD: The Current State of the Evidence From Genetics and Neuroimaging (Jasmine)

Chairs: Brian P. Brennan, MD, and Scott L. Rauch,

**MD,** McLean Hospital/Harvard Medical School, An Examination of Rostral Anterior Cingulate Cortex Function and Neurochemistry in Obsessive-Compulsive Disorder

Brian P. Brennan, MD, McLean Hospital/Harvard Medical School

In Search of Glutamatergic Abnormalities in Adults With OCD

H. Blair Simpson, MD, Columbia University Glutamatergic Influences in the Genetics of Obsessive-Compulsive Disorder

**Evelyn Stewart, MD,** University of British Columbia Brain Structural and Chemical Abnormalities in the SAPAP3 Knockout Mouse Model of OCD

Marc Kaufman, PhD, McLean Hospital/Harvard Medical School

A Multimodal Imaging Genetics Study of Glutamate System Genes and the Anterior Cingulate Cortex in Pediatric OCD

Paul Arnold, MD, Hospital for Sick Children

Discussant: Scott L. Rauch, MD, McLean

Hospital/Harvard Medical School

#### 1:30 PM - 3:30 PM, CONTINUED

#### 347-Suicide Risk When the Chief

**Complaint Is Not Depression** (*Hibiscus B*) **Chairs: Jill M. Harkavy-Friedman, PhD**, American Foundation for Suicide Prevention, and **Charles B**. **Nemeroff, MD, PhD**, University of Miami School of Medicine

Understanding Suicide Risk: What We Have Learned So Far

Charles B. Nemeroff, MD, PhD, University of Miami School of Medicine

Alcohol Dependence and Its Comorbidity With Depression, Anxiety, and Risk

Barbara J. Mason, PhD, The Scripps Research Institute

Alcohol Use to Facilitate a Suicide Attempt: An Event-Based Examination

**Courtney L. Bagge, MD,** University of Mississippi Medical Center

Surviving Cancer but Succumbing to Suicide: What Explains the Long-Term Risk?

**Christopher Recklitis, PhD, MPH,** Dana-Farber Cancer Institute & Harvard Medical School

Patient and Clinician Experience of Suicide Trigger State and Risk for Imminent Suicide Igor Galynker, MD, Icahn School of Medicine at Mount Sinai

#### 348–Error Monitoring Brain Activity in Child and Adolescent Anxiety (*Hibiscus A*)

Chairs: Kate Fitzgerald, MD, University of Michigan, and Jason Moser, PhD, Michigan State University

Increased Error-Related Brain Activity in Pediatric Obsessive-Compulsive Disorder

**Gregory L. Hanna, MD,** University of Michigan Error-Related Negativity: An Index for Anxiety in Children at High Familial Risk?

Kate Fitzgerald, MD, University of Michigan Associations Between Non-Task Behavior and Error Monitoring in Children Undergoing ERP Testing

Jennie Grammer, PhD, University of California, Los Angeles

The ERN in Social Contexts as a Neural Marker for Social Anxiety

**Tyson Barker, MA,** University of Maryland Associations Between Anxiety Subtypes and Error-Monitoring Brain Activity in Young Children

Jason Moser, PhD, Michigan State University Discussant: Daniel Pine, MD, National Institute of Mental Health

### 3:00 PM - 3:30 PM

Donald F. Klein Award Presentation 368–Orexin I and 2 Receptor Involvement in CO2 Induced Panic-Associated Behaviors and Autonomic Responses (Brickell South) Phillip L. Johnson, PhD, Indiana School of Medicine

3:30 PM – 4:00 PM Networking Break

#### 4:00 PM – 5:00 PM IO7–Interventions With Commercially Sexually Exploited Adolescents (Orchid C)

Chair: Jon A. Shaw, MD, Miller School of Medicine Ricardo A. Rubiales, LCSW, Kristi House Claudia A. Ranaldo, PsyD, Jackson Mental Health

#### 108-Your Toughest Teen Cases: Treating Anxious Teens Who Act Out (Brickell North/Center)

Jenny C. Yip, PsyD, Renewed Freedom Center for Rapid Anxiety Relief, and Michelle Witkin, PhD

#### III-Taking Care of Business: A Real-World Discussion About Owning and Operating a CBT Clinical Practice (Brickell South)

Chair: Thröstur Björgvinsson, PhD, Houston OCD Program

**R. Trent Codd, III, PhD,** Cognitive-Behavioral Therapy Center of Western North Carolina **Lisa A. Napolitano, PhD,** CBT/DBT Associates

#### 300– Ignite Symposium: Feasibility and Implementation of Emergency Department Mental Health Studies (*Tuttle South*)

Chairs: Vasiliki Michopoulos, PhD, Emory University, and Alex O. Rothbaum, BS, Case Western Reserve University

The Feasibility Concerns of a Mental Health ED Study

Alex O. Rothbaum, BS, Case Western Reserve University

Optimizing Follow-up and Retaining Participants: Lessons from Studying PTSD Prospectively in the Emergency Department

Thomas Crow, MA, Emory University Conducting ED Research Within Miami's Predominantly Hispanic Population: Challenges and Achievements

#### **36 « ANXIETY AND DEPRESSION CONFERENCE**

4:00 PM – 5:00 PM, CONTINUED

Felicia Gould, PhD, University of Miami Prospective Determination of Biomarkers for PTSD

Vasiliki Michopoulos, PhD, Emory University Genetic Approaches to Predicting Risk in a Mental Health ED Study

Kerry J. Ressler, MD, Emory University Neuroimaging Predictors of Long-term PTSD After Emergency Department Trauma

Jennifer Stevens, PhD, Emory University Implementing an Early Intervention for the Prevention of PTSD in Emergency Department Patients

Barbara O. Rothbaum, PhD, Emory University Assessment of Skin Conductance Responses in the Emergency Department

Tanja Jovanovic, PhD, Emory University Structuring Supervision for Research Assessors Working With Trauma Survivors in an Emergency Department

Loren Post, PhD, Emory University How to Anticipate and Address Participant Needs That May Arise in Emergency Department (ED) Research

Jessica O. Maples, PhD, University of Georgia and Emory University

#### 306–National Clinical Research Registries: A Critical Look Into the Opportunities, Challenges, and Potential for Advancing Anxiety and Depression Research (Orchid D)

**Chairs: Charles Taylor, PhD**, University of California and **Andrew A. Nierenberg, MD**, Massachusetts General Hospital

**Charles Taylor, PhD**, University of California, San Diego; **Andrew A. Nierenberg, MD**, Massachusetts General Hospital; **Allen Doederlein, BA**, Depression and Bipolar Support Alliance; **Michelle Craske, PhD**, University of California, Los Angeles

### 4:00 PM - 6:00 PM

#### 156–A Transdiagnostic Treatment Protocol for All Emotional Disorders (Orchid A/B)

#### Transdiagnostic Protocol for Emotional Disorders: Mind and Emotions

Patricia E. Zurita Ona, PsyD, and Matthew McKay, PhD, East Bay Behavior Therapy Center

209-New Developments in Cognitive Therapy for Social Anxiety Disorder: Improving Efficacy, Increasing Access, and Treating People With Bipolar Disorder Comorbid With Social Anxiety Disorder (Tuttle North/Center) Barbara Pavlova, PhD, Dalhousie University, and

Emma Warnock-Parkes, PsyD, University of Oxford and King's College London

### **330–Anxiety and Depression Prevention** (*Hibiscus A*)

Chair: Karliin Kindt, MSc

"Coping Cat" as a School-Based Group Program for Anxiety Prevention in Children With Subclinical Fear Levels

**Rowella Kuijpers, MSc,** Ambulantiorium ASCW Depression Prevention Programs for Adolescence: A Comparison Between Universal, Selective, and Indicated Prevention

Karlijn Kindt, MSc, Behavioural Science Institute School-Based Depression and Anxiety Prevention in Adolescent Girls With Parents With a Mental Illness

Sanne Rasing, MSc, GGZ Oost Brabant Resiliency Program and Empowering a Multisectoral Pathway Towards Healthy Youth (rEmpathy) Project

**Peter Silverstone, MS,** University of Alberta Discussant: **Steven Brunwasser, PhD,** Vanderbilt University

#### 349–Addressing the Needs of Combat Veterans With Co-occurring Head Injury and Mental Health Symptoms: Clinical Trial Outcomes for Individuals With TBI and Psychological Distress (Jasmine)

**Chair: Jessica Bomyea, PhD,** University of California, San Diego

Traumatic Brain Injury (TBI) and Treatment Response in Prolonged Exposure for PTSD

**Rebecca Sripada, PhD,** University of Michigan TBI and Treatment Response in a Randomized Trial of Acceptance and Commitment Therapy: Changes in Mental Health and Post-Concussive Symptoms in a Sample of Combat Veterans

Jessica Bomyea, PhD, Ariel Lang, PhD, University of California, San Diego

Treatment of Veterans With Comorbid PTSD and TBI Using a Hybrid Approach

**Laura Crocker, PhD,** Veterans Affairs San Diego Healthcare System

Discussant: Grant Iverson, PhD, Harvard Medical School

#### 350–Optimizing Treatment of Complicated Grief: Results From a Multisite Randomized Controlled Trial (Riverfront South-Lobby Level)

**Chairs: M. Katherine Shear, MD,** Columbia University, and **Naomi Simon, MD,** Massachusetts General Hospital/Harvard Medical School

Development and Preliminary Psychometric Properties for a Structured Clinical Interview for Complicated Grief

T.H. Eric Bui, MD, PhD, Massachusetts General Hospital

Is There a Role for Pharmacotherapy in the Treatment of Complicated Grief? Available Data and Results of a Randomized Controlled Trial of Citalopram

#### 4:00 PM - 6:00 PM, CONTINUED

Naomi Simon, MD, Massachusetts General Hospital/Harvard Medical School

Psychotherapy for Complicated Grief: An Evidence-Based Approach

**M. Katherine Shear, MD,** Columbia University Discussant: **Mark Pollack, MD,** Rush University Medical Center

#### 35I-Mood, Anxiety and Suicide: Biological

and Clinical Correlates (Hibiscus B) Chair: Ghanshyam Pandey, PhD, University of Illinois at Chicago

Altered Gene Expression of Proinflammatory Cytokines and Their Receptors in the Lymphocytes of Patients With Mood Disorders

**Ghanshyam Pandey, PhD,** University of Illinois at Chicago

Role of Vascular Endothelial Growth Factor (VEGF) in Neurogenesis and Depression

**Angelos Halaris, MD,** Loyola University Medical Center

The Serotonergic Deficit in Suicide Is Not Due to Less Serotonin Synthesis in the Brainstem

Victoria Arango, PhD, Columbia University A Preliminary Study of the Efficacy and Biology of Swedish Massage vs. Light Touch Mark Rapaport, MD, Emory Healthcare System

#### 357–Biomarkers of Anxiety and Fear Processes Across Development (Gardenia A/B)

Chair: Kristin A. Buss, PhD, The Pennsylvania State University

Recalling Extinguished Fear During a Novel Conditioning Paradigm: Autonomic and Hemodynamic Markers

Kalina Michalska, PhD, National Institute of Mental Health

*Biomarkers of Dysregulated Fear Processes* **Kristin A. Buss, PhD,** The Pennsylvania State University

Attention to Threat and Neural Activation as Markers of Risk, Symptom Levels, or Both in Children at Temperamental Risk for Anxiety

Koraly A. Perez-Edgar, PhD, The Pennsylvania State University

Increased ERN Predicts the Onset of Anxiety Disorders in Children

Alexandria Meyer, BS, Stony Brook University Discussant: Daniel Pine, MD, National Institute of Mental Health

#### 5:00 PM – 6:00 PM 102-Translating Clinical Trial Research to Direct Service Delivery: A View From Both

Sides of the Aisle (Orchid D) Chairs: Dean McKay, PhD, Fordham University, and Jonathan Hoffman, PhD, NeuroBehavioral Institute Lisa Coyne, PhD, Suffolk University; Anne-Marie Albano, PhD, Columbia University; Neal Sideman,

#### IO6-Taking the Fear Out of Panic: Innovations in CBT for Panic Disorder (Brickell North/Center)

Paniccure.com

Debra A. Kissen, PhD, Light on Anxiety Treatment Center of Chicago, and Bari Goldman Cohen, PhD; Reid Wilson, PhD, Anxiety Disorders Treatment Center

#### II6–Incorporating the Family System Into Individual Treatment (Brickell South)

Lindsey Murray, MA, Ashley Smith, PhD, and Katie Kriegshauser, PhD, Kansas City Center for Anxiety Treatment, P.A.

#### I2O-Treatment Considerations for Anxiety and Depression in Children With Epilepsy: Learning Problems, Social Skills, and Medication (Orchid C)

Chair: Jana E. Jones, PhD, University of Wisconsin Alanna Kessler-Jones, PhD, University of Wisconsin School of Medicine and Public Health; Rochelle Caplan, MD, University of California, Los Angeles; Jana E. Jones, PhD, University of Wisconsin

#### 303–Is Psychotropic Medical Washout Necessary for Clinical Neuroscientific Research? (Tuttle South)

Chair: Sanjay Mathew, MD, Michael E. DeBakey VA Medical Center

Chadi G. Abdallah, MD, Yale University Medical Center/VA National Center for PTSD Alan Swann, MD, Michael E. DeBakey VA Medical Center; Kyle Lapidus, MD, PhD, SUNY Stony Brook; Ramiro Salas, PhD, Baylor College of Medicine

#### 5:00 PM - 6:00 PM

Multicultural Advances Special Interest Group Reception (Check Registration for location)

# **POSTER SESSION I** 6:00 PM - 7:30 PM

### CAREER DEVELOPMENT TRAVEL AWARD WINNERS (#86–99)

#### 86. Neural Substrates of Fear Extinction Predict Exposure Success

**Tali M. Ball, MA**<sup>1</sup>, Martin P. Paulus, MD<sup>2</sup>, Murray B. Stein, MD<sup>1</sup>

<sup>1</sup>University of California, San Diego, <sup>2</sup>Laureate Institute for Brain Research

#### 87. Main and Interactive Effects of Smoking Rate and Anxiety Sensitivity in Relation to Cognitive-Based Smoking Processes

*Charles P. Brandt, MAI,* Jafar Bakhshaie, MDI, Lorra Garey, BA<sup>I</sup>, Norman B. Schmidt, PhD<sup>2</sup>, Michael J. Zvolensky, PhD<sup>3</sup> <sup>1</sup>University of Houston, <sup>2</sup>Florida State University, <sup>3</sup>University of Houston/MD Anderson Cancer Center

#### 88. Identification of a Genome-Wide Variant Associated With a Quantitative Obsessive-Compulsive Trait in a Community-Based Sample of Children and Adolescents

*Christie L. Burton, PhD, Jennifer Crosbie, PhD, Lauren Erdman, MS, Annie Dupuis, PhD, Laura S. Park, MS, Vanessa Sinopoli, BS, Lisa Strug, PhD, Andrew Paterson, MD, Russell Schachar, MD, Paul Arnold, MD, PhD, The Hospital for Sick Children* 

#### 89. Altered Hippocampal Function and Structure in Generalized Anxiety Disorder: Relationship With Major Depression Disorder Comorbidity

Jiook Cha, PhDI, Tsafrir Greenberg, PhD<sup>2</sup>, Jonathan Posner, MD<sup>I</sup>, Lillianne Mujica-Parodi, PhD<sup>2</sup> IColumbia University/New York State Psychiatric Institute, <sup>2</sup>Stony Brook University

#### 90. Childhood Symptoms of Social Phobia Prospectively Predict Alcohol Use

Jennifer Dahne, MS<sup>1</sup>, Anne N. Banducci, MS<sup>1</sup>, Gretchen Kurdziel, BA<sup>2</sup>, Laura MacPherson, PhD<sup>1</sup> <sup>1</sup>University of Maryland, <sup>2</sup>University of Tennessee

#### **9I. Effects of a Hatha Yoga Intervention on Anxiety and Depressive Symptoms in Women**

Lindsey B. Hopkins DeBoer, PhD<sup>1</sup>, Johnna L. Medina, MA<sup>2</sup>, Jasper A. J. Smits, PhD<sup>2</sup> 'San Francisco VA Medical Center, <sup>2</sup>The University of Texas at Austin

92. The Identification of Causal and Predictive Pathways to Posttraumatic Stress Trajectories Through Machine Learning: Childhood Trauma

# Modulates Peritraumatic Endocrine and Cognitive Responses to Trauma

Isaac R. Galatzer-Levy, PhD New York University School of Medicine

#### 93. Maternal Buffering of Amygdala-Prefrontal Circuitry in Childhood but Not Adolescence

Dylan G. Gee, MA, Laurel Gabard-Durnam, MA, Eva Telzer, PhD, Kathryn Humphreys, PhD, Bonnie Goff, MA, Mor Shapiro, BA, Jessica Flannery, BA, Daniel Lumian, MA, Dominic Fareri, PhD, Christina Caldera, BA, Nim Tottenham, PhD University of California, Los Angeles

#### 94. Neuroimaging and Psychophysiological Responses in Fear Extinction Recall: Do Anxiety Disorders Differ From Posttraumatic Stress Disorder?

Marie-France Marin, PhD<sup>I</sup>, Huijin Song, PhD<sup>I</sup>, Natasha B. Lasko, PhD<sup>I</sup>, Aaron J. Landau, BS<sup>2</sup>, Blake L. Rosenbaum, BA<sup>2</sup>, Rachel G. Zsido, BS<sup>2</sup>, Peter L. Rosencrans, BA<sup>2</sup>, Shreya C. Divatia, BS<sup>3</sup>, Edward F. Pace-Schott, PhD<sup>I</sup>, William (Scott) D. Kilgore, PhD<sup>3</sup>, Scott P. Orr, PhD<sup>I</sup>, Roger K. Pitman, MD<sup>I</sup>, Naomi M. Simon, MD<sup>I</sup>, Mohammed R. Milad, PhD<sup>I</sup> <sup>I</sup>Massachusetts General Hospital, Harvard Medical School, <sup>2</sup>Massachusetts General Hospital, <sup>3</sup>McLean Hospital

# 95. Anxiety Sensitivity and Unpredictable Threat: A Startle and Event-Related Potential Investigation

**Brady Nelson, PhD',** Greg Proudfit, PhD', Allie Hodges, BA<sup>2</sup>, Stew Shankman, PhD<sup>2</sup> 'Stony Brook University, <sup>2</sup>University of Illinois at Chicago

#### 96. Executive Functioning Deficits Associated With Hoarding Behaviors in Childhood-Onset OCD

Jennifer M. Park, PhD<sup>1</sup>, Allison Cooperman, BA<sup>1</sup>, Jack F. Samuels, PhD<sup>2</sup>, Gerald Nestadt, MD<sup>2</sup>, Daniel A. Geller, MD<sup>3</sup>

<sup>1</sup>Massachusetts General Hospital, <sup>2</sup>Johns Hopkins University School of Medicine, <sup>3</sup>Massachusetts General Hospital/Harvard Medical School

#### 97. BAS Fun Seeking Increases Risk for Alcohol Use Disorders Among Individuals With Social Anxiety Disorder

*Carrie M. Potter, MA, M, Taylor Dryman, BA, Richard G. Heimberg, PhD Temple University* 

#### 98. Between-Session and Within-Session Habituation in Prolonged Exposure Therapy for Posttraumatic Stress Disorder: A Hierarchical Linear Modeling Approach

**Rebecca K. Sripada, PhD**<sup>'</sup>, Sheila A.M. Rauch, PhD<sup>2</sup> <sup>'</sup>VA Serious Mental Illness Treatment Resource and Evaluation Center, <sup>2</sup>University of Michigan

#### 99. EEG Source Localization Reveals Dissociable Neural Correlates of Three Promising Endophenotypes of Depression: Evidence From the Multisite EMBARC Study

Christian A. Webb, PhD<sup>I</sup>, Daniel Dillon, PhD<sup>I</sup>, Franziska Goer, BS<sup>I</sup>, Madhukar Trivedi, MD<sup>2</sup>, Maurizio Fava, MD<sup>3</sup>, Patrick McGrath, MD<sup>4</sup>, Myrna Weissman, PhD<sup>4</sup>, Myrna Weissman, PhD<sup>4</sup>, Ramin Parsey, MD, PhD<sup>5</sup>, Phil Adams, PhD<sup>4</sup>, Sarah Weyandt, PhD<sup>2</sup>, Patricia Deldin, PhD<sup>6</sup>, Craig Tenke, PhD<sup>4</sup>, Gerard Bruder, PhD<sup>4</sup>, Diego A. Pizzagalli, PhD<sup>I</sup> 'Harvard Medical School & McLean Hospital, <sup>2</sup>UT Southwestern Medical Center, <sup>3</sup>Massachusetts General Hospital, <sup>4</sup>Columbia Psychiatry, <sup>5</sup>Stony Brook University School of Medicine, <sup>6</sup>University of Michigan

#### **Anxiety and Depression**

#### 2. Mental Health Professionals' Attitudes Towards the Use of Mobile Applications (Apps) in Clinical Practice

*Keren Grosman Kaplan, MD,* William Simpson, BS, Beth Patterson, RN, Jasmine Turna, BS, Michael Van Ameringen, MD, FRCPC McMaster University

#### **3.** Behavioural Responses to Uncertainty: The Relationship Between Intolerance of Uncertainty and Performance on Three Decision-Making Tasks

Sophie Duranceau, MA, R. Nicholas Carleton, PhD, Marissa Zerff, MA, Joshua Gonzales, BA, Sandeep Mishra, PhD University of Regina

#### Oniversity of Regina

#### 5. Anxious Phenotypes Plus Environmental Stressors Are Related to Brain DNA Damage and Changes in NMDA Receptor Subunits and Glutamate Uptake

*Gislaine Zilli Réus, PhD*<sup>1</sup>, Helena Mendes Abelaira, MS<sup>2</sup>, Monique Michels, MS<sup>2</sup>, Anelise S Carlessi<sup>2</sup>, Beatriz Iladi Matias<sup>2</sup>, Daniela D. Leffa, PhD<sup>1</sup>, Vitor de C. Gomes<sup>3</sup>, Vanessa M. Andrade, PhD<sup>2</sup>, Felipe Dal-Pizzol, PhD<sup>4</sup>, Jesus Landeira-Fernadez, PhD<sup>5</sup>, João Quevedo, PhD<sup>1</sup>The University of Texas Health Science Center at Houston, <sup>2</sup>University of Southern Santa Catarina, <sup>3</sup>Universidade Federal de São João del Rei, <sup>4</sup>Universidade Federal de São João del Rei, <sup>5</sup>Pontifical Catholic University of Rio de Janeiro

#### 6. Pupillary and Eye-Tracking Indices of Attention Bias Predict the Development of Depressive Symptoms in Anxious Youth

*Kevin M. Tang,* Rebecca B. Price, PhD, Kristy B. Allen, PhD, Greg J. Siegle, PhD, Neal D. Ryan, MD, Jennifer S. Silk, PhD, University of Pittsburgh

#### 7. Psychometric Validation of a Transdiagnostic Measure of Behavioral Avoidance for Adolescents

**Sarah M. Kennedy, BA,** Alexandra Matas, Other, Jill Ehrenreich May, PhD. University of Miami

### 8. The Effect of Concussion History and Gender on Symptoms of Depression and Anxiety

**Trevor Barker, MS**, Stephen Russo, PhD, Gaytri Patel-Barker, MS, Gordon Broderick, PhD, Travis J.A. Craddock, PhD Nova Southeastern University

9. Brooding Rumination Mediates the Link Between Attentional Control and Symptoms of Anxiety and Depression in Youth

**Rebekah Mennies, BS**<sup>1</sup>, Lindsey B. Stone, PhD<sup>1</sup>, Stephanie Davis, PhD<sup>2</sup>, Neal D. Ryan, MD<sup>1</sup>, Jennifer S. Silk, PhD<sup>1</sup> <sup>1</sup>University of Pittsburgh, <sup>2</sup>Brown University

#### IO. Impaired Mood Recovery Presents Transdiagnostically

*Kimberly T. Stevens, MA,* Kristin A. Wiggs, MA, Sarah J. Kertz, PhD Southern Illinois University

#### II. Social Perception of the Homeless Is Associated With Emotion Regulation Strategies

**Michael C. Blecher**<sup>1</sup>, Claire Hoogendoorn, MA<sup>2</sup>, Lasana T. Harris, PhD<sup>3</sup>, Zijin Wu, BA<sup>4</sup>, Laura C. Reigada, PhD<sup>1</sup>

<sup>1</sup>Brooklyn College of the City University of New York, <sup>2</sup>The Graduate Center of the City University of New York, <sup>3</sup>Leiden University, <sup>4</sup>New York University

# POSTER SESSION | 6:00 PM - 7:30 PM

### **12.** Perceptions of Evidence-Based Interventions for Depression and Anxiety Among Young Adults

**Cassandra Krug,** Morganne A. Kraines, BA, Tony T. Wells, PhD Oklahoma State University

# **I3.** Predictors of Internalizing Disorders: Exploring the Role of Parents on Anxiety and Depression

Kathleen I. Diaz, BA, Jill Ehrenreich May, PhD University of Miami

#### I4. The Influence of Adult Attachment on Symptom Severity in Psychiatric Patients With Depression and/or Anxiety

*G. Camelia Adams, MD, FRCPC,* Cara Spence, PhD, Lloyd Balbuena, PhD, Lachlan McWilliams, PhD University of Saskatchewan

#### 15. Emotional and Behavioral Problems in Parents of Treatment-Seeking Asian Youth With Mood and Anxiety Disorders

*Sharon C. Sung, PhD*<sup>1</sup>, Zi Jun Wong, BS<sup>2</sup>, Yan Lin Tan, BS<sup>2</sup>, Leong Yeok Jang, MS<sup>2</sup>, Clare H. M. Kwan, MS<sup>2</sup>, Siew Foong Choong<sup>2</sup>, Chee Hon Chin<sup>2</sup>, Say How Ong<sup>2</sup>, Daniel S. S. Fung<sup>2</sup>.

<sup>1</sup>Duke-NUS Graduate Medical School, <sup>2</sup>Institute of Mental Health, Singapore

#### I6. Family Coping as a Mediator of the Impact of Stress on Depression Among Low-Income Latinos

**Bridget A. Makol, BS,** Jessica Guadalupe Perez-Chavez, BA, Antonio Polo, PhD DePaul University

#### **I7. Anxiety Proneness Is Linked to Increased Insula Activity Through Perceived Control**

**Ruben P. Alvarez, PhDI,** Namik Kirlic, MA<sup>2</sup>, Masaya Misaki, PhD<sup>I</sup>, Jerzy Bodurka, PhD<sup>I</sup>, Wayne C. Drevets, MD3

<sup>1</sup>Laureate Institute for Brain Research, <sup>2</sup>The University of Tulsa, <sup>3</sup>Research and Development, Janssen Pharmaceuticals

#### **18. New Antidepressant Use in Older Adults: A Population-Based Study on the Patterns of Usage From 1997 to 2013**

*Christine Leong, PharmDI,* Murray W. Enns, MD<sup>I</sup>, Jitender Sareen, MD<sup>I</sup>, Silvia Alessi-Severini, PhD<sup>I</sup>, Heather J. Prior, MS<sup>2</sup>, Dan Chateau, PhD<sup>2</sup> 'University of Manitoba, <sup>2</sup>Manitoba Centre for Health Policy

#### **19. Transdiagnostic Mediation: The Association Between Attentional Control, Rumination, and Clinical Symptomatology**

*Kean J. Hsu, PhDI,* Courtney Beard, PhD<sup>I</sup>, Lara Rifkin, BA<sup>2</sup>, Thröstur Björgvinsson, PhD, ABBP<sup>I</sup> <sup>I</sup>McLean Hospital/Harvard Medical School, <sup>2</sup>McLean Hospital

#### 2I. Psychometric Properties of the Anxiety Sensitivity Index-3 in a Complex, Heterogeneous Treatment Sample

Lara Rifkin, BA, Kean Hsu, PhD, Weilynn Chang, BA, Dana Borkum, BA, Lauren Garner, Thröstur Björgvinson, PhD, ABPP McLean Hospital

#### 22. The Role of Mediators in the Relationship Between Alexithymia and Anxiety and Depression Symptom Severity: Examining Experiential Avoidance and Emotion Regulation

*Weilynn C. Chang, BS,* Kean J. Hsu, PhD, Dana Borkum, BA, Lara Rifkin, BS, Thröstur Björgvinsson, PhD, ABPP

Behavioral Health Partial Clinical Research Program, McLean Hospital/Harvard Medical School

#### 23. Transactional Effects of Depression in Transdiagnostic Group Cognitive-Behavioral Therapy for Anxiety

*Alexander Talkovsky, MAI, Peter Norton, PhD*<sup>2</sup> <sup>1</sup>University of Houston, <sup>2</sup>Monash University

#### 24. A Longitudinal Examination of Educational Attainment and Mental Disorders: Findings From a Nationally Representative Sample

Julie Erickson, MA, Renée El-Gabalawy, MA, Daniel Palitsky, MD, Corey S. Mackenzie, PhD, Jitender Sareen, MD, FRCPC University of Manitoba

## 25. Considering Clinical Phenomena in Mechanical Turk Research

**Demet Çek, MS,** Kimberly A. Arditte, MS, Ashley M. Shaw, MS, Kiara R. Timpano, PhD University of Miami

#### **26. HPA-Axis Responsivity in Monozygotic Twins Discordant for Major Depressive Disorder** *Audrey E. Anderson, BS*

Virginia Commonwealth University

#### 27. Increased Brain Activation to Fearful Face in Patients With Anxiety Disorder: An Event-Related Potential Study

**Sunkyung Yoon, MA',** Miseon Shim, MA', Hyang Sook Kim, PhD<sup>2</sup>, Young Myo Jae, PhD<sup>3</sup>, Sang Woo Hahn, PhD<sup>4</sup>, Seung A Lee, MAI, Seung-Hwan Lee, PhD<sup>5</sup>

<sup>1</sup>Clinical Emotion and Cognition Research Laboratory, Goyang, <sup>2</sup>Sogang University, Seoul, <sup>3</sup>Bongseng Memorial Hospital, Busan, <sup>4</sup>Soonchunhyang University, Seoul, <sup>5</sup>Inje University, Ilsan-Paik Hospital, Goyang

#### 4. Mindful Treatment of Anxiety Disorders: Examining the Interrelationship Between Mindfulness, Distress Tolerance, and Intolerance of Uncertainty

Marissa R. Zerff, MA, **Sophie Duranceau, MA**, R. Nicholas Carleton, PhD University of Reaina

#### **Anxiety Disorders**

#### **28.** Variance of Electrocortical Activity in Emotion Regulation Research Using Neutral Stimuli With and Without Faces

Laura Fonseca, Emmanuel Garcia, MA<sup>2</sup>, Jean M. Quintero, BA<sup>I</sup>, Douglas S. Mennin, PhD<sup>2</sup> 'Hunter College, City University of New York, <sup>2</sup>The Graduate Center, City University of New York

#### **29. Clinical Utility of DBT for Anxiety Disorders:** The Role of Skill Acquisition in Treatment Response

Dana B. Borkum, BS, Kean Hsu, PhD, Lara Rifkin, BA, Weilynn Chang, BS, Christian Webb, PhD, Thröstur Björgvinsson, PhD, ABPP McLean Hospital

#### 30. Baseline Social and Emotional Functioning Predicting Alliance and How Alliance Mediates Outcome in Clinically Anxious Youth Following Cognitive-Behavioral Therapy

*Monica R. Whitehead, MS,* Anna M. Jones, MS, Cynthia Suveg, PhD University of Georgia

#### **3I.** Relationship Between Children's Perception of Their Parents' Stress and Attribution Style on Their Anxious Levels: Does It Vary Between Girls and Boys?

Maisha M. Syeda, MS, Jac JA Andews, PhD University of Calgary

## **32. Startle Reactivity in Juvenile Twins: Genetic and Intrapersonal Predictors**

Jeanne Savage, BA, Shannon Hahn, BS, Dever M. Carney, BA, Roxann Roberson-Nay, PhD, John M. Hettema, MD, PhD Virginia Commonwealth University

## **33. Sleep in Anxious Children: Links to Emotional and Social Functioning**

**Anna M. Jones, BS,** Molly F. Davis, MS, Monica Whitehead, MS, Cynthia Suveg, PhD University of Georgia

# **34. Evaluation of an Anxiety Prevention and Resilience Program With Female Youth Living in an Orphanage**

Julia Gallegos, PhD<sup>1</sup>, Norma Ruvalcaba, PhD<sup>2</sup>, Audra Langley, PhD<sup>3</sup>, Diana Villegas, PhD<sup>4</sup> <sup>1</sup>University of Monterrey, <sup>2</sup>University of Guadalajara, <sup>3</sup>University of California Los Angeles, <sup>4</sup>University Iberoamericana

#### **35. Child-Report of Family Accommodation in Pediatric Anxiety Disorders: Comparison and Integration With Mother-Report**

Lindsay Scharfstein, PhDI, Johnna Jones, PhD<sup>2</sup>, Eli Lebowitz, PhD<sup>3</sup>

<sup>1</sup>Center for Anxiety and Behavioral Change, <sup>2</sup>University of Texas, <sup>3</sup>Yale Child Study Center

#### **36. Impulsivity Influences the Tendency to Ruminate in Those With Heightened Anxiety Sensitvity**

**Amanda M. Kutz, MAI,** K Lira Yoon, PhD<sup>2</sup> <sup>1</sup>University of Maine, <sup>2</sup>University of Notre Dame

#### **37.** Is There a Relationship Between Past Hospitalizations and Anxiety Related Disorders in Adults With Co-occurring Bipolar Disorder and Alcohol Dependence?

Delisa G. Brown, MA<sup>I</sup>, Bryan K. Tolliver, MD, PhD<sup>2</sup>, James J. Prisciandaro, PhD<sup>2</sup>, Helena Brenner, BS<sup>2</sup>, Kathleen T. Brady, MD, PhD<sup>2</sup>, Shareefah N. Al'Uqdah, PhD<sup>3</sup> 'Howard University, 2Medical University of South Carolina, <sup>3</sup>Howard University

# **38.** The Relationship Between Anger, Anxious, and Depressive Symptoms in Clinically Referred Youth

*Lucia M. Walsh, BSI,* Courtney Benjamin Wolk, PhD<sup>2</sup>, Rinad S. Beidas, PhD<sup>2</sup> <sup>1</sup>University of Miami, <sup>2</sup>University of Pennsylvania

# POSTER SESSION | 6:00 PM - 7:30 PM

#### **39.** The Relation Between Attentional Disengagement and Symptom Severity During and Following Yohimbine-Augmented CBT for Social Anxiety Disorder

*Michelle L. Davis, MAI,* David Rosenfield, PhD<sup>2</sup>, Pamela R. Handelsman, MA<sup>3</sup>, Christopher G. Beevers, PhD<sup>2</sup>, Andrea Reinecke, PhD<sup>4</sup>, Scarlett O. Baird, BA<sup>1</sup>, Jasper A.J. Smits, PhD<sup>1</sup>

IThe University of Texas at Austin, <sup>2</sup>Southern Methodist University, Da<sup>3</sup>Roosevelt University, <sup>4</sup>Oxford University

#### 40. Intranasal Oxytocin Administration Prior to Exposure Therapy for Arachnophobia Impedes Treatment Response

**Dean T. Acheson, PhD,** David Feifel, MD, PhD, Mary Kamenski, BA, Rebecca Mckinney, BS, Victoria B. Risbrough, PhD. University of California, San Diego

#### 4I. Interpersonal Functioning in Individuals With Anxiety Disorders: Examining Anxiety Diagnosis and Change From Group Cognitive Behavioral Therapy for Anxiety

Angela H. Smith, MA<sup>1</sup>, Chad T. Wetterneck, PhD<sup>2</sup>, Peter J. Norton, PhD<sup>3</sup> <sup>1</sup>University of Houston, <sup>2</sup>Rogers Memorial Hospital, <sup>3</sup>Monash University

### **42. Shy Temperament and Child Anxiety: Marital Satisfaction as a Protective Factor**

*Heather Patterson, BS, Janet Woodruff-Borden, PhD University of Louisville* 

#### 44. Validation of Decisional Balance and Self-Efficacy Measures for Managing Anxiety in a National Sample of Clinically Anxious Adults

Jessica M. Lipschitz, MA, Andrea C. Paiva, PhD, Colleen A. Redding, PhD, Deborah Levesque, PhD, James O. Prochaska, PhD University of Rhode Island

#### **45. Maternal Psychological Control and Negative Parent-Child Relationships in a Sample of Latino and European-American Clinic-Referred Anxious Youth**

**Rachel Carretta, BAI,** Carla E. Marin, PhD<sup>2</sup>, Wendy K. Silverman, PhD, ABPP<sup>2</sup>, Yasmin Rey, PhD<sup>3</sup> <sup>1</sup>University of Michigan, <sup>2</sup>Yale School of Medicine, <sup>3</sup>Florida International University

#### 7. Posttraumatic Stress Disorder, Obesity, and Overweight: A Systematic Review and Metaanalysis

**Sharain Suliman, PhD** University of Stellenbosch

## **48.** Psychometric Construction of a Transdiagnostic Anxiety Index: A Pilot Study

*Francheska M. Bidot, BA*<sup>1</sup>, Polaris Gonzalez, BA<sup>1</sup>, Nicole M. Carillo, BA<sup>2</sup>, Kritzianel Merced, BA<sup>3</sup>, Karen G. Martinez, MD<sup>3</sup>

<sup>1</sup>Ponce School of Medicine and Health Sciences, <sup>2</sup>University of Puerto Rico, Rio Piedras, <sup>3</sup>University of Puerto Rico Medical Sciences Campus, San Juan

## **49. Intolerance of Uncertainty as a Mediator of Worry and Insomnia**

*Mary E. Oglesby, BS,* Nicole Short, BA, Amanda Raines, MS, Norman B. Schmidt, PhD Florida State University

#### 50. Effects of Spatial Frequency and Emotion Expression on Face Processing in Patients With Panic Disorder

*Miseon Shim, MSI,* Do-Won Kim, PhDI, SunKyung Yoon, MA<sup>2</sup>, Seung A Lee, MA<sup>2</sup>, Jae Young Myo, PhD<sup>3</sup>, Sang Woo Hahn, PhD<sup>4</sup>, Chang-Hwan Im, PhDI, Seung-Hwan Lee, MD<sup>5</sup>

<sup>I</sup>Hanyang University, <sup>2</sup>Clinical Emotion and Cognition Research Laboratory, Goyang, <sup>3</sup>Bongseng Memorial Hospital, Busan, <sup>4</sup>Soonchunhyang University, <sup>5</sup>Ilsan Paik Hospital, Inje University, Goyang

## **5I.** Core Features of Clinical Disorders Contribute to Test Anxiety

Joseph W. Boffa, BA, Aaron M. Norr, MS, Brian J. Albanese, BA, Mary E. Oglesby, BS, Nicole A. Short, BA, Norman B. Schmidt, PhD Florida State University

#### **52. Differential Fixation Patterns to Faces in a Fear Conditioning Paradigm**

Laura Machlin, BA<sup>I</sup>, Elizabeth Moroney, BS<sup>I</sup>, Melissa A. Brotman, PhD<sup>2</sup>, Roxann Roberson-Nay, PhD<sup>I</sup>, John M. Hettema, MD, PhD<sup>I</sup>, Ellen Leibenluft, MD<sup>2</sup>, Kenneth Towbin, MD<sup>2</sup>, Daniel S. Pine, MD<sup>2</sup>, Kalina J. Michalska, PhD<sup>2</sup>

Virginia Commonwealth University, <sup>2</sup>National Institute of Mental Health

# **53. A Brain-Based Analysis of the Anxiety Spectrum: Event-Related Potentials**

David R. Herring, PhD, Margaret M. Bradley, PhD, Christopher T. Sege, MS, Robert R. Henderson, MS, Kristina Andrion, BS, Cyd C. Strauss, PhD, Evelyn R. Sullivan, PhD, Peter J. Lang, PhD University of Florida

### 54. The Association Between Distress Tolerance and Avoidance

Ashwin Gautam, BA, Christopher Conway, PhD, Michelle Craske, PhD University of California, Los Angeles

#### 55. Pharmacological Suppression of Stress Response Does Not Lead to Reductions in Self-Reported Anxiety

**Sean A. Minns, BS,** Ellie Shuo Jin, BA The University of Texas at Austin

#### 56. The Role of Anxiety Sensitivity in the Psychological and Physiological Relief Effects of Sighs

*Elke Vlemincx, PhD,* Ilse Van Diest, PhD, Omer Van den Bergh, PhD University of Leuven

#### 57. Decomposing the Relationship Between Anxiety Sensitivity and Alcohol Use: An Exposure Treatment Interfering Behavior

**Jesus Chavarria, MS',** Nicholas P. Allan, MS', Brian J. Albanese, BA', Joseph W. Boffa, MA', Michael J. Zvolensky, PhD<sup>2</sup>, Norman B. Schmidt, PhD' 'Florida State University, <sup>2</sup>University of Houston

#### 58. Evaluating the Efficacy of a "Double-Strength" Interpretation-Bias Modification for Anxiety Sensitivity

Daniel W. Capron, MS University of Mississippi Medical Center Consortium

#### **Attention Deficit Disorders**

#### 59. Concussions as a Predictor of Posttraumatic Stress Disorder and Attention Deficit Hyperactivity Disorder

*Melissa Furtado, BS,* Leena Anand, BA, Rosaria S. Armata, BS, Irvin Epstein, MD, FRCPC, Isaac Szpindel, MD, Catherine Cameron, MD, Tia Sternat, MPsy, Martin A. Katzman, MD, FRCPC START Clinic for Mood and Anxiety Disorders

#### **Anxiety and Medical Illness**

### I. Panic Psychopathology and Obstructive Lung Disease

**Talya Alsaid-Habia, BA,** Adrienne L. Johnson, MA, Alison C. McLeish, PhD University of Cincinnati

#### **Autism Spectrum Disorders**

60. Malleability of Social Motivation Among Adolescents With Autism Spectrum Disorder Rebecca M. Elias, BA, Susan W. White, PhD Virginia Tech

#### **Bipolar Disorder**

#### 61. Mental Disorders in Offspring of Parents With Bipolar Disorder in South Korea

Sehoon Shim, MD, PhD<sup>1</sup>, Sangwoo Hahn, MD, PhD<sup>2</sup> 'Soonchunhyang University Cheonan Hospital, <sup>2</sup>Soonchunhyang University Seoul Hospital

#### 62. A Pre-existing Comorbid Anxiety Disorder Predicts Severity and Course of Depression But Not Mania in Bipolar Disorder

Madison K. Titone, BA, Rachel D. Freed, PhD, Jared K. O'Garro-Moore, MA, Andrew Gepty, BA, Lauren B. Alloy, PhD Tomple University

Temple University

#### **Children and Adolescents**

**64.** An Examination of the Effectiveness of the Interactive, Internet-Delivered, Preoperative Preparation Program (IPPP) for Children *Kristi D. Wright, PhD', Mateen Raazi, MD, FRCPC*<sup>2</sup> 'University of Regina, <sup>2</sup>University of Saskatchewan

#### 65. Development of a Group Intervention for Transitioning Youth With Mood or Anxiety Disorders

Dara Sakolsky, MD, PhD, Tina Goldstein, PhD, Kim Poling, LCSW, Laura Dietz, PhD, Brian McKain, RN, David Brent, MD University of Pittsburgh/Western Psychiatric Institute & Clinic

#### 66. Poor Emotional Regulation Is Associated With Greater Engagement With Angry Photos in Children

Jamie Kennedy, MBA, Javier D. Barranco, Other, Sarah E. Garcia, MA, Erin C. Tully, PhD Georgia State University

# **POSTER SESSION I** 6:00 PM – 7:30 PM

#### 67. The Relationship Between Social Media Bullying and the Adolescent's Self-Report of Emotional Health: A Study of Urban Youth on an Acute Inpatient Psychiatric Unit

Arunditi Xantus, MD, Jon A. Shaw, MD, Samantha G. Block, MD

University of Miami Miller School of Medicine

#### **Comorbid Disorders**

**68. Predictors of Unemployment: Results From a Longitudinal, Nationally Representative Survey Yunqiao Wang, MA**, Morgan Marcoux, MD, James Bolton, MD, FRCPC, Tracie Afifi, PhD, Jitender Sareen, MD, FRCPC University of Manitoba

#### **69. Emotional Reactivity and Anxiety Sensitivity as Unique Risk Factors for Emotional Disorders**

Marissa A. Jesser, BA, Michelle Lemay, BA, Christopher P. Fairholme, PhD Idaho State University

#### 70. Developmental Timing of Child Abuse Exposure and Prevalence of Adult Depression and Posttraumatic Stress Disorder

Joseph G. Wilson, BA, Abigail Powers, PhD, Rachel Gluck, MS, Dorthie Cross, PhD, Bekh Bradley, PhD, Kerry J. Ressler, MD, PhD, Charles F. Gillespie, MD, PhD

Emory University

#### 71. "Dojo": A Videogame Intervention for Youths With Externalizing Problems and Anxiety

*Karin Nijhof, PhD',* Angela Schuurmans, Other', Ignace Vermaes, PhD', Rutger Engels, Other<sup>2</sup>, Isabela Granic, Other<sup>2</sup>.

Pluryn, Nijmegen, Netherlands, 2Radboud University

#### 72. Phenomenological Differences in Panic Disorder Among Persons With and Without PTSD

*M. Leili Plasencia, PhD,* Tannah E. Chase, MA, Annie Y. Tang, PhD, Adriana J. Osegueda, BS, Ellen J. Teng, PhD

Michael E. DeBakey VA Medical Center

#### Depression

## **73.** Patterns of Emotion Recognition Bias in Depression: A Pilot Study

Jeong-Ho Chae, MD, PhD<sup>1</sup>, HyuJung Huh, MD<sup>2</sup>, Joo Eon Park, MD, PhD<sup>3</sup>

<sup>1</sup>The Catholic University of Korea, <sup>2</sup>Seoul St. Mary's Hospital, <sup>3</sup>Keyo Hospital, Keyo Medical Foundation, Kyunggi

#### 74. Perceived Pressure to Be Thin and Depression Symptoms: The Moderating Roles of Gender and Nondisplay of Imperfection Among Early Adolescents of Low-Income and Ethnic Minority Backgrounds

Ana B. Goya Arce, BA, Shelby Smith, Other, Melek Yildiz Spinel, BA, Antonio Polo, PhD DePaul University

#### 75. Do Depressed Adolescents Demonstrate More Self-Referent Recall Memory Bias Than Community Groups?

*Faith Orchard, PhD,* Laura Pass, PhD, Shirley Reynolds, PhD University of Reading

#### 76. The Role of Maternal Depression and Maternal Warmth in Children's Risk for Internalizing and Externalizing Behaviors

**Ye Ji Kim, BA**<sup>1</sup>, L. Alexander Vance, BA<sup>1</sup>, Dorthie Cross, PhD<sup>1</sup>, Tanja Jovanovic, PhD<sup>1</sup>, Bekh Bradley, PhD<sup>2</sup> 'Emory University School of Medicine, <sup>2</sup>Atlanta Veterans Administration Medical Center

#### 77. Child and Parent Report of Depressive Symptoms and Detection of Sex Differences in HPA-Axis Reactivity

Elisa Geiss, MS, Alexa Shull, BS, Nestor Lopez-Duran, PhD

University of Michigan

# 78. Hoodia Gordonii: Mechanism of Action Depression

Francisco Antônio da Cruz Mendonça, MD, PhD<sup>1</sup>, Maria C. O. Citó, MD, PhD<sup>2</sup>, Luciana K. X. Santos, MD, PhD<sup>2</sup>, Mariana L. Fernandes, MD, PhD<sup>2</sup>, Francisca H. C. Melo, MD, PhD<sup>2</sup>, Maria I. G. Silva, MD, PhD<sup>2</sup>, Francisca C. F. Sousa, MD, PhD<sup>2</sup>, Luis R. L. Sampaio, MD, PhD<sup>1</sup>, Rosilea A. Sousa, MD, PhD<sup>1</sup> 'University Center Estácio of Ceará, <sup>2</sup>Federal University of Ceará

#### 79. The Longitudinal Relationship Between Depression and Body Dissatisfaction: Implications for Sociocultural Models and Intervention

**Rachel F. Rodgers, PhDI,** Siân A. McLean, PhD<sup>2</sup>, Susan J. Paxton, PhD<sup>2</sup>

Northeastern University, <sup>2</sup>La Trobe University

#### 80. Gene-Environment Interaction in Youth Depression: Replication of the 5-HTTLPR Moderation in a Diverse Setting

*Christian Kieling, MD, PhD,* Thiago BM Rocha, MD Universidade Federal do Rio Grande do Sul

#### 81. The Role of Intolerance of Uncertainty in Terms of Depressive Symptoms Among Individuals High in Health Anxiety

*Laura E. McLaughlin, BA,* Emily M. O'Bryan, BS, Alison C. McLeish, PhD University of Cincinnati

#### 82. A Longitudinal Examination of Sleep Disturbance, Depression ,and Suicide Risk in Operation Enduring Freedom and Operation Iraqi Freedom Veterans

*Kenneth M. Barretto, BA',* Justin B. Clark, BS', Shimrit K. Black, PhD', Jaclyn C. Kearns, BA', Jonathan D. Green, PhD', Brian P. Marx, PhD<sup>2</sup> 'VA Boston Healthcare System, <sup>2</sup>National Center for PTSD, Behavioral Science Division

#### 83. Direct Victimization and Depressed Mood: Effects of Social Support Among Young Minority Violence Survivors

*Charissa Chamorro, MA,* Sara C. Haden, PhD Long Island University

## 84. Depression and First-Person Pronoun Usage Revisited

**To'Meisha Edwards, BS,** Nicholas S. Holtzman, PhD Georgia Southern University

#### 85. Randomized, Placebo-Controlled, Antidepressant Treatment of Patients With Major Depressive Disorder: Changes in Mood and Glomerular Filtration Rate

**Dominique Musselman, MD',** Hua Li, MD, PhD<sup>2</sup>, Amanda Shaw, PhD<sup>3</sup>, Ivonne H. Schulman, MD<sup>4</sup>, Charles B. Nemeroff, MD, PhD<sup>4</sup> 'University of Miami, <sup>2</sup>University of Miami Leonard H. Miller School of Medicine, <sup>3</sup>Eli Lilly Pharmaceuticals, <sup>4</sup>University of Miami Leonard H. Miller School of Medicine

#### 100. Cognitive Symptoms of Depression: Objective, but Not Subjective, Deficits

*Michelle A. Pievsky, BA, Lana A. Tiersky, PhD Fairleigh Dickinson University* 

## IOI. Memory Biases in Remitted Depression: The Role of Rumination

**Desirae N. Vidaurri, MA**<sup>1</sup>, K. Lira Yoon, PhD<sup>2</sup> <sup>1</sup>University of Maine, <sup>2</sup>University of Notre Dame

## IO2. ThI7 Cells Control Depressive-Like Behaviors in Mice

*Eleonore Beurel, PhD*<sup>I</sup>, Richard Jope, PhD<sup>2</sup> <sup>I</sup>University of Miami, <sup>2</sup>University of Miami

#### 103. Reward? What Reward? Probabilistic Reversal Learning in Major Depressive Disorder

Dahlia Mukherjee, MAI, Khoi Vo, BS<sup>2</sup>, Joseph W. Kable, PhD<sup>1</sup>

<sup>1</sup>University of Pennsylvania, <sup>2</sup>Temple University **IO4. Double Trouble: Worse Working Memory Plus Higher Depression Lowers Ability to Delay Rewards** 

*Kristin L. Szuhany, MA,* Daniel Mackenzie, Other, Michael W. Otto, PhD Boston University

#### **IO5.** Depression in Patients With Diabetes or Cardiovascular Diseases: Result of a Systematic Screening in a General Hospital in Puerto Rico Axel Ramos, MS, Julio Jimenez, MD, Gloria Asencio, PhD

Ponce School of Medicine

#### **Eating Disorders**

#### IO6. Abnormal Eating Behavior Was Associated With Anxiety, Not With Depression or Perceived Stress in Korean Adolescent Girls

JinYi Jung, MD<sup>I</sup>, KangSeob Oh, MD<sup>I</sup>, Sewon Lim, MD<sup>I</sup>, Juwon Ha, MD<sup>2</sup>, Dongwon Shin, MD<sup>I</sup>, Youngchul Shin, MD<sup>I</sup>, KyeHyun Kim, MD<sup>3</sup>, HeeYeon Woo, MD<sup>4</sup>, Jeong-Kyu Sagong, MD<sup>5</sup>

<sup>I</sup>Kangbuk Samsung Hospital, <sup>2</sup>Myongji Hospital, Koyang, <sup>3</sup>Kangbuk Samsung Hospital, <sup>4</sup>Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, <sup>5</sup> Dongguk University

#### Family and Relationships

#### 107. Worried About Us: Evaluating a Brief Couples' Intervention for Relationship-Based Anxiety

*Christine Paprocki, MA, Donald Baucom, PhD University of North Carolina at Chapel Hill* 

#### 108. Lasting Parental Influence on Young Adults' Attitudes Toward Mental Health and Help-Seeking

**Carlos E. Salinas, BS,** Sydney Sarfan, Susan W. White, PhD Virginia Tech

# **POSTER SESSION I** 6:00 PM - 7:30 PM

#### **Generalized Anxiety Disorder**

#### 109. Looking Forward: Anticipation of Pleasure and Intolerance of Uncertainty in Generalized Anxiety Disorder

*llana Seager, BA,* Amelia Aldao, PhD. The Ohio State University

#### IIO. Changes in Self-Compassion and Repetitive Negative Thinking Predict Symptom Improvement in a Severe Clinical Population

Lauren P. Wadsworth, MA<sup>I</sup>, Kean Hsu, PhD<sup>2</sup>, Michael Treadway, PhD<sup>2</sup>, Sarah Kertz, PhD<sup>2</sup>, Thröstur Björgvinsson, PhD<sup>2</sup> 'University of Massachusetts Boston, <sup>2</sup>McLean Hospital

#### III. A Pilot Study: Is the BDNF Val66Met Polymorphism an Important Individual Difference in Understanding Dysregulated Response Monitoring in Generalized Anxiety Disorder?

**Samantha Berthod, MA**<sup>I</sup>, Douglas Mennin, PhD<sup>2</sup>, Laura O'Toole, PhD<sup>2</sup>, Tracy Dennis, PhD<sup>2</sup> 'City University of New York, <sup>2</sup>Hunter College

#### Genetics

#### II2. Apolipoprotein E Genotype Is Associated With Psychological Health, Cognition, and Posttraumatic Stress in Deploying Military Service Members

Michael N. Dretsch, PhD<sup>1</sup>, **Grant L. Iverson, PhD<sup>2</sup>**, Scott Ferguson, PhD<sup>3</sup>, Alex Bishop, BS<sup>3</sup>, John Philips, BS<sup>3</sup>, Fiona C. Crawford, PhD<sup>3</sup> 'National Intrepid Center of Excellence, <sup>2</sup>Harvard Medical School, <sup>3</sup>Roskamp Institute

#### **Health Anxiety**

#### II3. Attentional Control Predicts Health Anxiety Among a Traumatic Brain-Injured Population: Moderating Effects of Anxiety Sensitivity Cognitive Concerns

**Brian J. Albanese, BA,** Aaron M. Norr, BA, Joseph W. Boffa, MS, Nik P. Allan, MS, Norman B. Schmidt, PhD Florida State University

#### **II4. The Indirect Effect of Emotion Dysregulation in Terms of Emotion Reactivity and Health Anxiety** *Emily M. O'Bryan, BS, Alison C. McLeish, PhD University of Cincinnati*

#### Hoarding

#### II5. The Negative Effects of Hoarding Behaviors on Family Functioning: Results From an Internet Survey

Allison Cooperman, BA<sup>1</sup>, Abigail Stark, BA<sup>1</sup>, Daniel A. Geller, MD<sup>1</sup>, Eric A. Storch, PhD<sup>2</sup>, **Jennifer M. Park, PhD**<sup>1</sup>

<sup>I</sup>Massachusetts General Hospital/Harvard Medical School, <sup>2</sup>University of South

### II6. The Relationship Between Schizotypal Subtypes and Hoarding Symptoms

*Marc J. Weintraub, MS,* Liza Rosenfield, BA, Kiara Timpano, PhD University of Miami

#### II7. A Preliminary Investigation of Group Cognitive-Behavioral Therapy for Hoarding Disorder Utilizing Non-Clinician In-Home Coaches

**Stephanie E. Taillefer, MA',** Margaret Richter, MD<sup>2</sup>, Catherine Chater, MSW<sup>3</sup>, Alda Melo, MSW<sup>3</sup>, Sandra McKay, PhD<sup>3</sup>, Cheryl Perera, MSW<sup>3</sup>, Marissa Williams, MS<sup>2</sup>, Neil Rector, PhD<sup>2</sup> 'Ryerson University, <sup>2</sup>Sunnybrook Health Sciences Centre, <sup>3</sup>VHA Home HealthCare

#### **Military and Veterans**

**II8. Structured Approach Therapy for Combat-Related PTSD: Partial Mediation of Treatment Effects by Changes in Emotion Regulation** *Frederic Sautter, PhD<sup>I</sup>, Shirley M. Glynn, PhD<sup>2</sup>, Julia B.* **Cretu, PsyD<sup>3</sup>,** Dalma Senturk, PhD<sup>4</sup> <sup>I</sup>Tulane University, <sup>2</sup>University of California, Los Angeles, and VA Greater Los Angeles Health Care

System, <sup>3</sup>Tulane University School of Medicine, <sup>4</sup>University of California, Los Angeles

#### II9. Sleep Disturbances Among Combat Military Veterans With and Without PTSD

*Jeremy Stout, BA,* Franklin Mesa, MS, Deborah C. Beidel, PhD, ABPP, Analise McGreal, BA University of Central Florida

#### **Mindfulness**

#### I2O. Age and the Ability for Mindful Attention Awareness as Predictors of Worry in a Non-Clinical Sample of Adolescents and Young Adults

Lydia C. Rodríguez-Corcelles, BA, Mónica C. Acevedo-Molina, Other, Frances M. Vega-Carrasquillo, Other, Dimayra Rivera-López, BA, Angel A. Nuñez-Méndez, BA, **Giovanni Tirado-Santiago, PhD** University of Puerto Rico, San Juan

#### 121. Resilient Warrior: A Novel Stress Management Group Intervention to Improve Mental Health in Service Members

*Eric Bui, MD, PhD,* Allison L. Baier, BS, Louisa G. Sylvia, PhD, Aggie Casey, MS, John Denninger, MD, PhD, Rebecca J. Zakarian, BA, Leslee Kagan, Gregory L. Fricchione, MD, Naomi M. Simon, MD Massachusetts General Hospital

#### **Multicultural Issues**

#### **122.** Qualitative Assessment of Ataque De Nervios Among Patients With Anxiety Disorders: Working Towards a Culturally Adapted Treatment

*Nelly A. Catala, MD',* Kritzianel Merced, BA<sup>2</sup>, Cesar Cordero, MS<sup>3</sup>, Eva Del Valle<sup>4</sup>, Adrian Miro, MS', Karen Martinez, MD'.

<sup>1</sup>University of Puerto Rico, San Juan, <sup>2</sup>University of Puerto Rico, School of Public Health, <sup>3</sup>Central University of the Caribbean School of Medicine, , <sup>4</sup>University of Puerto Rico, Rio Piedras Campus

#### 123. Barriers to Care Among Students Who Identify as People of Color: Examining the Roles of Psychological Distress, Racial and Ethnic Discrimination, and Mental Health Beliefs

Sarah Krill Williston, MA, Jennifer Martinez, BS, Lizabeth Roemer, PhD University of Masschusetts Boston

#### **124.** The Mediating Role of Internalized Racism in the Relationship Between Racist Experiences and Social Anxiety Symptoms in a Black American Sample

Jessica R. Graham, PhD<sup>I</sup>, Lizabeth Roemer, PhD<sup>2</sup> National Center for PTSD, <sup>2</sup>University of Massachusetts Boston

#### **Obsessive-Compulsive Disorder**

#### **125. Modulation of the Error-Related Negativity** by Emotional Interference in Obsessive-Compulsive Disorder

Daeyoung Roh, MD, PhD<sup>I</sup>, Chan-Hyung Kim, MD, PhD<sup>2</sup>

<sup>1</sup>Hallym University College of Medicine, <sup>2</sup>Yonsei University College of Medicine

#### 126. Anxiety Sensitivity and Longitudinal Changes in Obsessions and Compulsions During Group CBT for OCD

Judith M. Laposa, PhD<sup>I</sup>, Lance Hawley, PhDI, **Neil A.** *Rector*, *PhD*<sup>2</sup>

<sup>1</sup>Centre for Addiction and Mental Health, <sup>2</sup>Sunnybrook Health Sciences Centre

#### 127. A Comparative Study of Repetitive Behaviors in Pediatric Obsessive-Compulsive Disorder and Autism Spectrum Disorder

*Marlena Colasanto, BS',* Annie Dupuis, PhD', Evdokia Anagnostou, MD<sup>2</sup>, Paul Arnold, MD, FRCPC' 'The Hospital for Sick Children, <sup>2</sup>Holland Bloorview Kids Rehabilitation Hospital

#### 128. Measuring Symptoms, Quality of Life, and Functioning in Young Children With Obsessive-Compulsive Disorder

**Brianna Wellen, BA,** Elyse Stewart, BA, Laura Skriner, MS, Jennifer Freeman, PhD Rhode Island Hospital/The Warren Alpert Medical School of Brown University

#### 129. Preliminary Treatment Outcomes and Baseline Phenomenology in an Intensive Outpatient Program for Pediatric Obsessive-Compulsive Disorder

*Elyse Stewart, BA,* Kathryn Lachance, BS, Brianna Wellen, BA, Brady Case, MD, Jennifer Freeman, PhD, Abbe Garcia, PhD Bradley Hospital

#### **I30. Executive Function and Its Impact on Daily Functioning of OCD-Affected Youth**

Juliana Negreiros, MA, Elaine Chan, BS, Lynn D. Miller, PhD, S. **Evelyn Stewart, MD** University of British Columbia

**I3I. Shorter Habitual Sleep Duration Predicts Response Control Deficits When Heightened Obsessive-Compulsive Symptoms Are Present** *Jacob A. Nota, MS, Meredith E. Coles, PhD Binghamton University* 

#### 132. The Relationship Between Trust in God, Intolerance of Uncertainty, and Scrupulosity in Modern Orthodox Jewish Adults

Charles Gewirtz, MS, **Melanie J. Wadkins, PhD** Ferkauf Graduate School of Psychology

#### 133. The Causal Role of Response Inhibition in Affecting Doubt and Uncertainty — Complicating a Complicated Story

**Eyal Kalanthroff, PhD**<sup>1</sup>, Gideon Anholt, PhD<sup>2</sup>, Reuven Dar, PhD<sup>3</sup>, Avishai Henik, PhD<sup>2</sup> 'New York State Psychiatric Institute, <sup>2</sup>Ben Gurion University of the Negev, <sup>3</sup>Tel-Aviv University

# POSTER SESSION | 6:00 PM - 7:30 PM

#### 135. Comorbid Obsessive-Compulsive Disorder and **Social Function in Patients With Chronic Schizophrenia**

Moon Y. Chung, MD, PhD<sup>1</sup>, Suk-Hoon Kang, MD<sup>2</sup>, Chan-Hyoung Kim, MD, PhD<sup>3</sup>, Jung-Ho Seok, MD, PhD<sup>3</sup>

Worker's Compensation Hospital, Ansan, <sup>2</sup>Veterans Health Service Medical Center, Seoul, <sup>3</sup>Yonsei University College of Medicine

#### **I36.** Change in Thought-Control Strategies Predict **Reductions in Symptom Severity During Intensive Treatment for OCD**

Jennifer Cowie, BA<sup>1</sup>, Jennifer Sy, PhD<sup>2</sup>, Kimberly T. Stevens, MA<sup>3</sup>, Kenia Velasquez, BS<sup>4</sup>, Sarah J. Kertz, PhD<sup>5</sup>, Thröstur Björgvinsson, PhD, ABPP<sup>2</sup> <sup>1</sup>University of Houston, <sup>2</sup>Houston OCD Program, <sup>3</sup>Southern Illinois University, <sup>4</sup>University of Houston at Clear Lake, <sup>5</sup>Southern Illinois University

#### 137. Phenomenology of OCD: Lessons From a Large **Multicenter Study and Implications for ICD-II**

Roseli G. Shavitt, PhD Columbia University Medical Center

#### **Older Adults**

**138.** Improving Psychological Well-Being in People **Recently Diagnosed With Visual Impairment: A Pilot Randomised Controlled Trial of Problem-Solving Treatment for Visual Impairment** 

Afsane Riazi, PhD<sup>I</sup>, Trefor Aspden, PhD<sup>I</sup>, Kate Walters, PhD<sup>2</sup>, Gary Rubin, PhD<sup>2</sup>, Gareth Ambler, PhD<sup>2</sup>, Fatima Jichi<sup>2</sup>, Miriam O'Driscolll

<sup>1</sup>University of London, Surrey, <sup>2</sup>University College London, London

#### **Panic Disorder**

#### 139. Alpha-amylase and Cortisol Response to **Respiratory Stimulation via 7.5% CO2**

Laura Hazlett, BS, Jeremy Cornelissen, BS, Shannon Hahn, BS, Roxann Roberson-Nay, PhD Virginia Commonwealth University

#### **140. Biological Correlates and Procedural Factors of Response to CBT in Panic Disorder**

Jennifer F. Lange, MS, Katja E. Nowak, MS, Elisabeth B. Binder, MD, PhD, Angelika Erhardt, MD, PhD Max Planck Institute for Psychiatry

#### Psychotherapy (ACT, CBT, DBT, etc.)

#### **141. Reductions in Anxiety Sensitivity After a Single** Bout of Aerobic Exercise in Individuals With and Without PTSD

Audur S. Thorisdottir, MS, Daniel LeBouthillier, MA, Mathew Fetzner, MA, Gordon J.G. Asmundson, PhD University of Regina

#### **142.** Delivering Group Therapy for Anxiety to Adolescents in a School Setting: An Implementation **Evaluation**

Whitney Taylor, BA<sup>1</sup>, Marisa Murray, MA<sup>1</sup>, Julie Desiardins, PhD<sup>2</sup> <sup>1</sup>University of Ottawa, <sup>2</sup>Western Quebec School Board

#### **PTSD**

#### 143. Clinical Outcomes Among Hispanic/Latino Youth Exposed to the 2013 Boston Marathon Bombing

Alejandra M. Golik<sup>1</sup>, Elizabeth Miguell, Tommy Chou, MA<sup>1</sup>, R. Meredith Elkins, MA<sup>2</sup>, Caroline E. Kerns, MA<sup>2</sup>, Aubrey L. Carpenter, MA<sup>2</sup>, Jonathan S. Comer, PhD<sup>I</sup> <sup>1</sup>Florida International University, <sup>2</sup>Boston University

#### 144. Rethinking the DSM-5 Conceptualization of **Posttraumatic Stress Disorder**

Lauren B. McSweeney, MS, Ellen I. Koch, PhD Eastern Michigan University

#### 145. Divergent Angiotensin Receptor Signaling in a **Mouse Model of Posttraumatic Stress Disorder**

Adam Swiercz, MS, Lauren Hopkins, BS, Paul J. Marvar, PhD George Washington University

#### **I46.** The Effects of Post-Retrieval Extinction on Memory Reconsolidation: A Meta-Analytic Review

M. Alexandra Kredlow, MA<sup>I</sup>, Leslie D. Unger, BA<sup>2</sup>, Michael W. Otto, PhD<sup>1</sup>

Boston University, <sup>2</sup>Harvard University

#### 147. Impact of Attention Deficit Disorder on Posttraumatic Stress Disorder: Prevalence, Genetic **Risk, and Clinical Outcomes**

Zhewu Wang, MD<sup>I</sup>, Zackary Adams, PhD<sup>2</sup>, Howard Mandel, BS<sup>3</sup>, Kirstin Stauffacher-Gros, PhD<sup>3</sup>, Mark Hamner, MD<sup>3</sup>

<sup>1</sup>Charleston VA Medical Center/Medical University of South Carolina, <sup>2</sup>Medical University of South Carolina, <sup>3</sup>Charleston VA Medical Center

#### **148.** Do Parental Psychopathology and Parental Support Predict Treatment Outcome in Adolescents With PTSD?

Natalie Gay, BA, Sandy Capaldi, PsyD, Anu Asnaani, PhD University of Pennsylvania

#### **149. Traumatic Exposure and Atypical Behavior Predict Fear-Potentiated Startle in Children**

**Dorthie Cross, PhD,** Gabriella Robinson, BS, Ye Ji Kim, BA, Andrew Pallos, BS, L. Alexander Vance, BA, Bekh Bradley, PhD, Tanja Jovanovic, PhD Emory University School of Medicine

# **I50. Exposure Therapy for Veterans With Combat-related PTSD and Comorbid TBI**

Sandra M. Neer, PhD<sup>I</sup>, Katie A. Ragsdale, MS<sup>2</sup>, Deborah C. Beidel, PhD, ABBP<sup>I</sup>, Benson G. Munyan, III, BS<sup>I</sup>

<sup>1</sup>University of Central Florida, <sup>2</sup>VA Medical Center

#### **151. Resilience and Vulnerability Among Portuguese War Veterans**

**João Monteiro-Ferreira, MD, MBA,** Lígia M. Fonseca, MA, Salomé Caldeira, PhD University of Coimbra Hospitals

# **152. Dorsal Attention Network Connectivity and Behavioral Orienting Deficits in PTSD**

**Stefanie Block,** MS<sup>I</sup>, Anthony King, PhD<sup>I</sup>, Rebecca Sripada, PhD<sup>2</sup>, Daniel Weissman, PhD<sup>I</sup>, Robert Welsh, PhD<sup>I</sup>, Israel Liberzon, MD<sup>I</sup> <sup>I</sup>University of Michigan, <sup>2</sup>Ann Arbor Veterans Healthcare System

#### **153. Acoustic Startle Threshold: Predictor of Psychiatric Symptoms Pre- and Post-deployment**

Daniel E. Glenn, PhD<sup>1</sup>, Dean T. Acheson, PhD<sup>2</sup>, Dewleen G. Baker, MD<sup>3</sup>, Caroline M. Nievergelt, PhD<sup>3</sup>, Victoria B. Risbrough, PhD<sup>3</sup> 'VA San Diego Healthcare System, <sup>2</sup>University of California San Diego, <sup>3</sup>San Diego Healthcare System; University of California San Diego

#### **154. Trauma Exposure and Posttraumatic Stress Disorder in a Latino Population**

*Kelsey Kuperman, BA',* Abigail Powers, PhD', Maria Carmen Santana, PhD', Kerry Ressler, MD, PhD', Bekh Bradley, PhD<sup>2</sup> 'Emory University School of Medicine, <sup>2</sup>Atlanta VA Medical Center

#### 155. Treatment Response to Exposure Therapy for PTSD Is Associated With Thinning in Rostral Anterior Cingulate Cortex

Liat Helpman, PhD, Santiago Papini, MA, Binod T. Chetry, MS, Erel Shvil, PhD, Gregory M. Sullivan, MD, John J. Mann, MD, Yuval Neria, PhD Columbia University/New York State Psychiatric Institute

#### I56. Genetic Variant BDNF (Val66Met) Polymorphism Moderates Response to Exposure Treatment in PTSD

*Erel Shvil, PhDI,* Santiago Papini, MA<sup>2</sup>, Liat Helpman, PhD<sup>1</sup>, Shira Talmon, MA<sup>1</sup>, Charles E. Glatt, MD, PhD<sup>3</sup>, Francis S. Lee, MD<sup>3</sup>, John C. Markowitz, MD<sup>1</sup>, Yuval Neria, PhD<sup>1</sup> 'Columbia University/ NYSPI, <sup>2</sup>City University of New York, City College, <sup>3</sup>Weill Medical College of Cornell University

#### 157. Cortical Thinning in Combat-Exposed Veterans Regardless of Childhood Trauma History and PTSD

Lynnette A. Averill, PhD<sup>I</sup>, Chadi G. Abdallah, MD<sup>I</sup>, Ifat Levy, PhD<sup>2</sup>, Ilan Harpaz-Rotem, PhD<sup>I</sup> 'National Center for PTSD/ Yale University, <sup>2</sup>Yale University School of Medicine

#### I58. Rostral Anterior Cingulate Morphology in Relation to the Dysphoric Arousal and DSM-IV Models of PTSD Symptom Structure

Isabelle M. Rosso, PhD, Lauren A. Demers, BA, Rena Fukunaga, PhD, Elizabeth A. Olson, PhD, Lily A. Sonis, BA, Scott L. Rauch, MD, Jennifer L. Buchholz, BA McLean Hospital

I59. Traumatic Event Characteristics, Peritraumatic Dissociation, and Disclosure as Predictors of Treatment Outcome in Posttraumatic Stress Disorder Anna R. Franklin, BA University of Washington

#### I6O. Severe Childhood Trauma With Avoidance and Numbing Symptoms as Predictors for HIV-Risk Behavior in Minority Population

*Siara Rhodes, BS',* Jennifer S. Stevens, PhD<sup>2</sup>, Tanja Jovanovic, PhD<sup>2</sup>, Gretchen Neigh, PhD<sup>2</sup>, Kerry J. Ressler, MD, PhD<sup>2</sup>, Bekh Bradley, PhD<sup>2</sup> 'Georgia State University, <sup>2</sup>Emory University

# **POSTER SESSION I** 6:00 PM - 7:30 PM

#### I6I. Risk of Trauma Exposure and Posttraumatic Stress Disorder: An Examination of the Separate and Combined Effects of Race, Gender, and Poverty Status

*Lori R. Wallace, PhD Yale University* 

## I62. Exploring the Association Between a Cholecystokinin Promoter Polymorphism (CCK-36CT) and Posttraumatic Stress Disorder in Combat Veterans

**Robert L. Hirsch, PhD'**, Christal L. Badour, PhD', Howard Mandel, BS<sup>2</sup>, Jingmei Zhang, MS', Zhewu Wang, MD<sup>2</sup>

<sup>I</sup>Medical University of South Carolina, <sup>2</sup>Ralph H. Johnson VA Medical Center

#### **I63. Combined Mirtazapine and SSRI Treatment of PTSD: A Placebo-Controlled Trial**

*Franklin Schneier, MD*<sup>1</sup>, Raphael Campeas, MD<sup>2</sup>, Jaime Carcamo, PsyD<sup>3</sup>, Andrew Glass, MS<sup>4</sup>, Roberto Lewis-Fernandez, MD<sup>2</sup>, Yuval Neria, PhD<sup>2</sup>, Arturo Sanchez-Lacay, MD<sup>2</sup>, Donna Vermes<sup>2</sup>, Melanie M. Wall, PhD<sup>2</sup>

<sup>I</sup>New York State Psychiatric Institute, <sup>2</sup>New York State Psychiatric Institute, <sup>3</sup>Hispanic Family Mental Health Center, <sup>4</sup>Columbia University

#### **I64.** Xenon Gas Inhalation Inhibits Conditioned Aversive Memory Reconsolidation in Rats

*Marc J. Kaufman, PhD,* Timothy E. Gillis, BS, Jasmine Manoukian, Other, Edward G. Meloni, PhD McLean Hospital

#### **I65. Does PTSD Symptom Presentation Differ by Trauma Type?**

Hillary L. Smith, BS, Jesse R. Cougle, PhD Florida State University

## **I66.** The Role of Resiliency and Social Support in the Development of PTSD

Andrew Kimmel, BS<sup>I</sup>, Felicia Gould, PhD<sup>I</sup>, Raquel Kirmse, MS<sup>I</sup>, Miriandra De Jesus, MD<sup>I</sup>, Kerry Ressler, MD, PhD<sup>2</sup>, Charles Nemeroff, MD, PhD<sup>I</sup> <sup>I</sup>University of Miami, <sup>2</sup>Emory University

#### 167. Emotion-Focused Disengagement Among Adult Trauma Victims Who Develop Posttraumatic Stress Disorder

Raquel Kirmse, MS, Felicia Gould, PhD, Miriandra De Jesus Rivera, MD, Andrew Kimmel, BS, Kammarauche

Asuzu, MD, MPH, Charles B. Nemeroff, MD, PhD. University of Miami

# **I68. Emotion Dysregulation and Posttraumatic Stress Symptoms: The Mediating Role of Experiential Avoidance**

*Nicole A. Short, BA,* Mary E. Oglesby, BS, Joseph W. Boffa, BA, Amanda M. Raines, MS, Norman B. Schmidt, PhD Florida State University

#### **169. Psychobiological Risk Factors for PTSD Following Exposure to Interpersonal Violence**

**Natalie Hellman, BA',** Uma Rao, MD<sup>2</sup>, Matthew Morris, PhD<sup>1</sup> 'Meharry Medical College, <sup>2</sup>University of Tennessee

#### 170. Everything Happens for a Reason: How Personality and Religiosity Relate to Posttraumatic Growth

*Zeinab F. B. Ramadan, BA,* Samantha C. Horswill, MA, Holly A. Parkerson, MA, Gordon J.G. Asmundson, PhD, R. Nicholas Carleton, PhD University of Regina

#### **I7I. Social Support Mediates the Relationship Between Trauma Centrality and Posttraumatic Growth and Stress**

*Michelle J. N. Teale Sapach, BA, R. Nicholas Carleton, PhD, Samantha C. Horswill, MA, Holly A. Parkerson, MA, Gordon J.G. Asmundson, PhD University of Regina* 

#### 172. Investigating the Role of DSM-5 Section 3 Pathological Traits In PTSD in a Traumatized Sample

Jessica L. Maples, MS<sup>I</sup>, Vasiliki Michopoulos, PhD<sup>2</sup>, Alex O. Rothbaum, PhD<sup>3</sup>, Barbara O. Rothbaum, PhD<sup>2</sup>, Kerry Ressler, PhD<sup>2</sup> <sup>I</sup>University of Georgia, <sup>2</sup>Emory University, <sup>3</sup>Case Western University

## **173.** Posttraumatic Stress Disorder and Resilience in Relation to Individualism and Collectivism

Sunyoung Kim, PhD, Grace Garberson, BA, Alize Blas, BA

University of Hawaii

#### 174. Women Are More Likely to Develop Posttraumatic Stress Disorder Following Trauma Exposure Than Men: A Prospective Study

Vasiliki Michopoulos, PhD<sup>I</sup>, Alex O. Rothbaum, BS<sup>2</sup>, Heather Grinstead, BS<sup>I</sup>, Barbara O. Rothbaum, PhD, ABPP<sup>I</sup>, Kerry J. Ressler, MD, PhD<sup>I</sup> 'Emory University, <sup>2</sup>Case Western Reserve University

#### 175. Comorbidity of Postpartum Acute Posttraumatic Stress Disorder and Depression

*Maja Milosavljevic, MD<sup>I</sup>,* Dusica Lecic Tosevski, MD, PhD<sup>I</sup>, Ivan Soldatovic, MD<sup>2</sup>, Joseph Zohar, MD, PhD<sup>3</sup> Ilnstitute of Mental Health, Belgrade, <sup>2</sup>Institute of Medical Statistics and Informatics, Belgrade, <sup>3</sup>Chaim Sheba Medical Centre, Tel Aviv

#### 195. Characteristics of Combat Veterans with

**PTSD who Follow-Through with Cognitive Training** Joanie M. Thelen, MA<sup>1</sup>, Ashley Stillman, MS<sup>2</sup>, Alex Francisco, MS<sup>3</sup>, Robin Aupperle, PhD<sup>2</sup> <sup>1</sup>University of Missouri, Kansas City, <sup>2</sup>University of Tulsa, <sup>3</sup>University of Missouri, Kansas City

#### **Social Anxiety Disorder**

176. Patterns of Anxious Arousal During a Speech Task Between Nonanxious Controls and Individuals With Social Anxiety Pre- and Post-Treatment Carol Lee, BA University of Massachusetts Boston

#### 177. Changes in Anxious Arousal During a Speech Task Between Non-Anxious Controls and Individuals With Social Anxiety Pre- and Post-Treatment Ryan K. McCarty University of Massachusetts Boston

**178. Differential Predictors of Anxiety Outcomes in a Mindfulness vs. Cognitive Reappraisal Task Bryan Balvaneda, BS,** Sarah A. Hayes-Skelton, PhD University of Massachusetts Boston

# **179. Using Face Adaptation to Reveal Mechanisms of Social Anxiety**

**Daniel Harris, BA,** Annalisa Groth, BA, Sara Hayes-Skelton, PhD, Vivian Ciaramitaro, PhD University of Massachusetts Boston  I80. Self-Distancing Is Adaptive When Analyzing, but Not Simply Recalling, Negative
 Autobiographical Experiences: A Combined Self-Report and Neurophysiological Investigation
 Chelsea Kneip, BS<sup>I</sup>, Ethan Kross, PhD<sup>2</sup>, Jason S.
 Moser, PhD<sup>3</sup>
 <sup>1</sup>Michigan State University, <sup>2</sup>University of Michigan, <sup>3</sup>Michigan State University

181. Treatment Credibility and Outcome Expectancy: Divergent Influences on Working Alliance and Outcome in Social Anxiety Disorder Amanda A. Benbow, BA, Jessica R. Morgan, MA,

Page L. Anderson, PhD Georgia State University

#### **182.** Affective Correlates of Social Approach Motivation in Social Anxiety Disorder: Increases in Positive Affect During a Live Conversation Are Related to Desire for Future Interaction

**Sarah L. Pearlstein, BA**<sup>I</sup>, Charles T. Taylor, PhD<sup>2</sup> 'San Diego State University/University of California, San Diego, <sup>2</sup> University of California, San Diego

# **183.** What Do Members of the Public Want to Know About Treatment Options for Social Anxiety Disorder?

**Brooke E. Beatie, BA**, John R. Walker, PhD, Kathryn A. Sexton, PhD, Matthew Bernstein, BA, Desiree Danchuk, BA, Mobilizing Minds Research Group University of Manitoba

# **184.** Social Anxiety, Interpersonal Suicide Risk, and the Mediating Role of Shame

**Danielle M. Morabito,** Kimberly A. Arditte, MS, Ashley M. Shaw, MS, Kiara R. Timpano, PhD University of Miami

# **185.** Internet Self-Help Program for Social Anxiety Disorder — Is Therapist Guidance Needed?

Marina Gershkovich, MS, James D. Herbert, PhD, Evan M. Forman, PhD, Laura Fischer, BA, Leah Schumacher, BA Drexel University

#### 186. Neurobiological Mechanisms in Social Anxiety Disorder in the Context of Early Developmental Trauma

**David A. Rosenstein, PhD,** Soraya Seedat, PhD Stellenbosch University

# POSTER SESSION | 6:00 PM - 7:30 PM

#### 187. Social Anxiety and Risk of Sexual Victimization: An Examination of Two Potential Mechanisms for Increased Risk

Amie R. Schry, PhD<sup>I</sup>, Susan W. White, PhD<sup>2</sup> <sup>I</sup>Mid-Atlantic Veterans Affairs Mental Illness Research, <sup>2</sup>Virginia Tech Substance Abuse

#### **188.** Maintaining Smoking Abstinence for One Month Yields Reductions in Smoking-Specific Experiential Avoidance

Luke F. Heggeness, BA<sup>I</sup>, Samantha G. Farris, MA<sup>I</sup>, Angelo M. DiBello, MA<sup>I</sup>, Damon J. Vidrine, DPhil<sup>2</sup>, Lorraine R. Reitzel, PhD<sup>I</sup>, Norman B. Schmidt, PhD<sup>3</sup>, Michael J. Zvolensky, PhD<sup>I</sup>.

<sup>1</sup>University of Houston, <sup>2</sup>The University of Texas MD Anderson Cancer Center, <sup>3</sup>Florida State University

#### 189. Main and Interactive Effects of Past-Month Alcohol Consumption and Anxiety Sensitivity on Anxiety and Depressive Symptoms of Hispanic/Latino School-Age Adolescents

Jafar Bakhshaie, MD<sup>I</sup>, Michael J. Zvolesnky, PhD<sup>I</sup>, Adam M. Leventhal, PhD<sup>2</sup> <sup>1</sup>University of Houston, <sup>2</sup>University of Southern California

#### **Suicide and Suicidal Ideation**

#### 190. Predictors of Current Suicidality Among Homeless Youth

*Elizabeth C. Kaiser, MA,* Randy Boley, BA, Niranjan Karnik, MD, PhD, Alyson K. Zalta, PhD Rush University Medical Center

#### 191. Understanding the Link Between Postconcussive Symptoms, Mental Health Symptoms, and Suicidality

Jessica Bomyea, PhD', Ariel J. Lang, PhD<sup>2</sup>, Murray B. Stein, MD', INTRuST PTSD/TBI Clinical Consortium<sup>1</sup> <sup>1</sup>University of California, San Diego, <sup>2</sup>University of California, San Diego; San Diego VA Center of Excellence for Stress and Mental Health

#### 192. The Association Between PTSD and Suicide Risk in a Longitudinal Sample of Operation Enduring Freedom and Operation Iraqi Freedom Veterans

**Jaclyn C. Kearns, BA**<sup>1</sup>, Jonathan D. Green, PhD<sup>2</sup>, Shimrit K. Black, PhD<sup>2</sup>, Blair E. Wisco, PhD<sup>3</sup>, Brian P. Marx, PhD<sup>4</sup>

<sup>1</sup>VA Boston Healthcare System, <sup>2</sup>VA Boston Healthcare System, <sup>3</sup>University of North Carolina at Greensboro, <sup>4</sup>VA Boston Healthcare System, National Center for PTSD

# **193. A Comparison of Methods of Self-Harm Without Intent to Die: Cutting Versus Overdose**

Hayley K. Chartrand, MA, Huntae Kim, MD, Minoo Mahmoudi, MD, Jitender Sareen, MD, James M. Bolton, MD University of Manitoba

**194.** Too Socially Anxious to Self-Injure? Social Anxiety as a Moderator of the Relationship Between Depression, Brooding, and Non-Suicidal Self-Injury Marilyn L. Piccirillo, BA, Taylor A. Burke, BA, Jessica L. Hamilton, MA, Lauren B. Alloy, PhD Temple University

#### **GROUP POSTER PRESENTATIONS**

Group Poster 129–Using Outcome Data to Determine Factors Influencing Psychotherapy of Anxiety and Depression Chair: Timothy A. Sisemore, PhD, Richmont Graduate University

#### 201. Outcome Evaluation of Therapy for Childhood Depression in Relation to Therapist-Child Alliance and Religious Coping Alexandrian Peek, BS, Richmont Graduate University

**202. Impact of Match of African American Clients and Psychotherapist on the Outcomes of Counseling for Depression and Anxiety** *Lynn Paige, BS, Richmont Graduate University* 

#### 203. The Role of Religious Coping and Alliance in Psychotherapy Outcomes With Depressed and Anxious Adults

Sharon Nix, BS, Richmond Graduate University

204. The Relationships Among Effectiveness of Counseling for Trauma and PTSD, Therapeutic Alliance, and Change in Religious Coping as Measured by Client-Focused Assessment Tonya Sinclair, BA, Richmont Graduate University

#### 205.The Relative Importance of Therapeutic Alliance, Therapist Training, and Model of Counseling in Psychotherapy With Depressed and Anxious Adolescents

Viorel Ispas, BS, Richmont Graduate University Discussant: Anne Marie Albano, PhD, Columbia University

#### **GROUP POSTER 325–Implicit Theories About Anxiety and Depression: Correlational and Experimental Findings**

Chair: Hans S. Schroder, MA, Michigan State University

#### 196. Do You Think Anxiety Can Change? Implicit Theories of Anxiety Relate to Mental Health Symptoms, Well-Being, Treatment Expectations, and Psychological Flexibility

Hans S. Schroder, MA, Michigan State University

#### 197. Assessing the Effect of Biological and Psychosocial Causal Explanations and Their Combination on Self-Stigma and Prognostic Expectations Among Depressed and Socially Anxious Individuals

Nicholas R. Farrell, MS, St. Joseph's Healthcare Hamilton

# GROUP POSTER 354-Low Hedonic Tone: A New Way to Separate Subtypes of Mood and Anxiety Disorders?

Chair: **Martin A. Katzman, MD**, START Clinic for Mood and Anxiety Disorders

**198. Low Hedonic Tone: A New Way to Separate Subtypes of Mood and Anxiety Disorders?** *Martin A. Katzman, MD, and Tia Sternat, MPsy START Clinic for Mood and Anxiety Disorders* 

### The Glenholme School

Glenholme is a therapeutic boarding school for students, ages 10 to 21, with high functioning autism spectrum disorders, ADHD, depression, anxiety and various learning differences. The school offers challenging extracurricular courses to instruct students to achieve competence, socially and academically.

With an education based on individual strategies for success and strong character values, the graduates of Glenholme matriculate to colleges and universities and go on to meaningful careers.

Enrollment is open for Glenholme's middle school and high school; as well as the summer, post-graduate and transitional living programs.

> Washington, Connecticut Telephone: (860) 868-7377 admissions@theglenholmeschool.org www.theglenholmeschool.org Deverenx



7:30 AM -9:00 AM

Continental Breakfast (Promenade-Terrace Level)

7:30 AM – 5:30 PM Registration (Upper Promenade-Terrace Level)

7:30 AM – 5:00 PM Exhibits Open (Promenade-Terrace Level)

8:15 AM – 9:15 AM Jerilyn Ross Lecture Should We Be Treating Neuroticism Instead of Anxiety and Depression? (Riverfront South-Lobby Level) David H. Barlow, PhD, Boston University

9:30 AM - 11:00 AM

IOI-Massed Exposure and Intensive Treatment Modalities for Anxious Youth: Expert Panel of Clinical Researchers Discusses Merits and Barriers to Best Practice (Jasmine)

Chairs: Emily Bilek, MS, and Elizabeth Penela, PhD, University of Miami; Jami Furr, PhD, Florida International University; Tom Ollendick, PhD, Virginia Tech; Anne Marie Albano, PhD, Columbia University; Eric Storch, PhD, University of South Florida and Rogers Memorial Hospital

#### **127–Interpersonal Psychotherapy: An Update** (Tuttle North/Center)

Chair: Myrna M. Weissman, PhD, Columbia University/New York State Psychiatric Institute Interpersonal Psychotherapy for PTSD

John C. Markowitz, MD, Columbia University/New York State Psychiatric Institute

Comparing Combination Treatment for Depression Complicated by Anxiety Symptoms Using Adapted Interpersonal Psychotherapy (IPT) Versus Brief Supportive Psychotherapy (BSP)

Jill M. Cyranowski, PhD, Chatham University Effectiveness, Cost-effectiveness, and Implementation of IPT for Prisoners With Major Depressive Disorder

Jennifer Johnson, PhD, Brown University Training African American Clergy in Interpersonal Counseling (IPC)

Sidney Hankerson, MD, Columbia University/New York State Psychiatric Institute

Interpersonal Counseling (IPC) for Depression in Primary Care

**Myrna M. Weissman, PhD,** Columbia University/New York State Psychiatric Institute

#### **I34–Successful School-Based Collaboration** in the Treatment of Selective Mutism (Brickell Center)

Aimee Kotrba, PhD, Thriving Minds Behavioral Health Center

Implementing School-Based Exposures in the Treatment of Selective Mutism

**Courtney Keeton, PhD,** Anxiety Treatment Center of Maryland

Managing Roadblocks in School Collaboration for Selective Mutism

Alison Miller, PsyD

#### I49-Multimodal Intensive Treatment for Individuals With Treatment-Refractory Depression and Co-Occurring Anxiety Disorders (Brickell South) Jerry Halverson, MD, and Rachel C. Leonard, PhD,

Rogers Memorial Hospital

#### I59–Practice Within Your Practice: A Model for Supporting Compassion Satisfaction by Effecting the Experience of Doing Psychotherapy (Flamingo-4th Floor)

Brian C. Miller, PhD, The Children's Center Ginny C. Sprang, PhD, University of Kentucky, School of Medicine

#### 189–An Approach to Helping Families of Treatment Refusers With Obsessive-

**Compulsive-Related Symptoms** (Orchid C/D) **Melanie VanDyke, PhD,** St. Louis College of Pharmacy **C. Alec Pollard, PhD,** St. Louis Behavioral Medicine Institute

#### 223–Enhancing Treatment Adherence for Comorbid Bipolar Disorder and Substance Abuse: An Individual Therapy Model (Orchid A/B)

Ihsan M. Salloum, MD, University of Miami Miller School of Medicine; Antoine B. Douaihy, MD, University of Pittsburgh Medical Center; Alexandra Garcia and Olga Villar, PhD, University of Miami Miller School of Medicine

#### 9:30 AM - 11:00 AM, CONTINUED

#### 307–Augmenting Psychotherapies for Anxiety Disorders With Cognitive Enhancers: Past, Present, and Future (Tequesta-4th Floor)

Chair: Michael J. Telch, PhD, University of Texas at Austin

**Stefan Hofmann, PhD,** Boston University, and **Jasper A. Smits, PhD,** University of Texas at Austin

#### **309–Improving Exposure-Based**

Treatments for PTSD (Brickell North)

Chairs: Brian P. Marx, PhD, and Denise M. Sloan, PhD, VA National Center for PTSD

A Randomized, Double Blind Evaluation of D-Cycloserine or Alprazolam Combined With Virtual Reality Exposure for PTSD in Iraq and Afahanistan War Veterans

Barbara O. Rothbaum, PhD, Emory University School of Medicine

Does Emotion Regulation Improve With Prolonged Exposure or Sertraline?

Lori Zoellner, PhD, University of Washington A Three-Week Intensive-Treatment Program for PTSD

Deborah C. Beidel, PhD, University of Central Florida

Written Exposure as a Treatment for PTSD: A Randomized Non-Inferiority Trial

Brian P. Marx, PhD, VA National Center for PTSD Discussant: Terence Keane, PhD, VA Boston, National Center for PTSD

#### 328–Effects of Early Life Stress on Cognitive and Emotional Development, From Mouse to Man (Gardenia A/B)

Chair: **Kevin G. Bath, PhD,** Brown University Deprivation and Threat: How Different Adverse Exposures May Impact Executive Function

Margaret Sheridan, PhD, Harvard University, Boston Children's Hospital

Early-Life Stress Alters the Development of Neural Circuitry Supporting Emotion Regulation

**Dylan Gee, MA,** Weill Cornell Medical College Early-Life Stress Accelerates Neurobehavioral Development

Kevin G. Bath, PhD, Brown University CNS Epigenetic and Telomere Alterations Associated With Early-Life Adversity Tania Roth, PhD, University of Delaware

#### **33I-Disgust in the Anxiety Disorders:**

Current Status (Hibiscus A)

Chair: **Dean McKay, PhD,** Fordham University Domain-General Disgust Scale for Adult, Child, and Parent Report

Hana F. Zickgraf, MA, University of Pennsylvania Predictive Value of Disgust in Obsessive-Compulsive Symptoms

Katherine Crowe, MA, Fordham University Contamination-Focused Exposure as a Broad-Based Treatment for Disgust Reactions: A Preliminary Test in Spider-Fearful Women

Jesse Cougle, PhD, Florida State University Can Treatment Lead to Feeling Clean Again? Examining Predictors of Change in PTSD-Related Disgust During Imaginal Exposure

**Christal L. Badour, PhD,** University of Arkansas Discussant: **Lisa Elwood, PhD,** University of Indianapolis

#### 356–Examining Associated Constructs to Improve the Characterization of Complicated Grief (*Hibiscus B*)

Chairs: **Natalia A. Skritskaya, PhD,** Columbia University, and **T.H. Eric Bui, MD, PhD,** Massachusetts General Hospital

An Expansion on the Grief-Related Avoidance Questionnaire in a Large Sample of Individuals With Complicated Grief

Amanda W. Calkins, PhD<sup>1</sup>, Aparna Keshaviah, MSc<sup>1</sup>, Christine Mauro, PhD<sup>2</sup>, Charles Reynolds, MD<sup>3</sup>, Sid Zisook, MD<sup>4</sup>, M. Katherine Shear, MD<sup>2</sup>, Naomi Simon, MD, MSc<sup>1</sup>, 'Massachusetts General Hospital/Harvard Medical School, <sup>2</sup>Columbia University, <sup>3</sup>University of Pittsburgh Medical Center, <sup>4</sup>University of California, San Diego

Measuring Maladaptive Cognitions in a Sample of Treatment-Seeking Individuals With Complicated Grief

Natalia A. Skritskaya, PhD, Columbia University Examining the Big Five Personality Factors in Bereaved Adults With and Without Complicated Grief

Elizabeth M. Goetter, PhD, Massachusetts General Hospital

Constructing and Recalling Episodic Simulations of Novel Future Events in Bereaved Adults With Complicated Grief

Donald J. Robinaugh, MA, Harvard University

#### **56 « ANXIETY AND DEPRESSION CONFERENCE**

9:30 PM - 11:00 AM, CONTINUED

# **359–Ethnoracial Disparities in Anxiety and Anxiety-Related Mental Health Conditions Research and Practice (Tuttle South)**

Chair: Jafar Bakhshaie, MD, University of Houston Associations Between Anxiety Sensitivity and Smoking-Related Cognitive Processes Among African American Smokers With Asthma

Alison McLeish, PhD, University of Cincinnati Positive Subjective Effects of Alcohol Mediates the Relationships Between Anxiety Sensitivity and Distress Tolerance and Past-Month Alcohol Consumption for Latino Adolescents: A Crosscultural Multigroup Mediation Analysis

Jafar Bakhshaie, MD, University of Houston Financial Strain, Marijuana Use Motives, and Marijuana-Use Problems Among an Urban African American Sample: The Mediational Role of Negative Affectivity

Julianna Hogan, MEd, The University of Vermont Ethnicity-Based Biases of the GAD-7

Holly Parkerson, MA, University of Regina Discussant: Michael J. Zvolensky, PhD, University of Houston

### 11:00 AM - 11:30 AM Networking Break

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#### 11:30 AM – 1:00 PM I3I-Discrimination, Anxiety, and Stress: A Black and Hispanic Perspective (Brickell South) Chair: Alvaro Camacho, MD, University of California, San Diego

The Mediating Role of Intolerance of Uncertainty in the Relationship Between Racist Experiences and Anxiety Symptoms in a Black-American Sample

Jessica R. Graham, PhD, University of Massachusetts There's No Acting White in Hip Hop: The Acting White Accusation, Intra-Racial Discrimination, and Anxiety

Martale Davis, BA, Kent State University Association of Stress and Socioeconomic Background Among Hispanics

Alvaro Camacho, MD

Discussant: **Daniel E. Jimenez, PhD,** University of Miami

#### I32–Abnormal Respiratory Physiology and Breathing Retraining Treatments in Panic Disorder (Tequesta-4th Floor)

Chair: David F. Tolin, PhD, Institute of Living

A Literature Review of Abnormal Respiratory Physiology and Breathing Retraining in Panic Disorder

**David F. Tolin, PhD,** Institute of Living A Multi-Center Open Trial of the Canary Breathing System for Patients With Panic Disorder **Patrick B. McGrath, PhD,** Alexian Brothers Behavioral Health Hospital

The Canary in the Field: Pilot Findings and Clinical Observations

**Carl Robbins, MS,** The Anxiety & Stress Disorders Institute of Maryland Discussants: **Stefan G. Hofmann, PhD,** Boston

University

#### I4I-Treatment-Resistant Depression, Treatment-Resistant Anxiety Disorder: What Should Guide What I Do Next? (Orchid C/D)

Chair: **Michael Van Ameringen, MD,** McMaster University

A Framework to Optimize the Pharmacotherapy of Treatment-Resistant Major Depressive Disorder

**Pierre Blier, MD,** Mood Disorders Research, University of Ottawa Institute of Mental Health Research,

Treatment-Resistant Anxiety Disorders: Next-Step Treatment Strategies

Michael Van Ameringen, MD, McMaster University Building a "Virtual Psychiatrist": Using Digital Technology to Assist With Diagnosis and Treatment Planning

Gary Hasey, MD, FRCPC, McMaster University

### **I42–Behavioral Treatment of Tics in Individuals With Anxiety** (Orchid A/B)

Behavioral Treatment of Tics in Individuals With Anxiety

John Piacentini, PhD, University of California, Los Angeles

157-Compassion-Focused Therapy for Shyness and Social Anxiety Disorder: Compassionate Social Fitness (Brickell Center) Lynne Henderson, PhD, Shyness Institute

202-The Presentation and Treatment of OCD in Autism Spectrum Disorder (Hibiscus B) Robert Hudak, MD, PhD, University of Pittsburgh Jonathan Hoffman, PhD, Tara Zuckerman, PsyD, and Jason Spielman, PsyD, NeuroBehavioral Institute

2I5-Cognitive Rigidity: An Important Element in the Treatment of Childhood Psychiatric Disorders (Tuttle North/Center) Vera Joffe, PhD, PA

#### 222–Mindfulness Over Matter: Integrating Mindfulness Into the Treatment of Adolescent Depression (Jasmine)

Jill Emanuele, PhD<sup>I</sup>, Marc Shuldiner, MS<sup>2</sup>, Amanda Mintzer, PsyD<sup>I</sup>, 'Child Mind Institute, <sup>2</sup>Nassau University Medical Center Amanda Mintzer, PsyD, and Marc Shuldiner, MS, Child Mind Institute

#### 11:30 PM - 1:00 PM, CONTINUED

#### 319–Informing Empirically Validated Treatments for PTSD: We Know What Treatments Are Most Effective, But Where Do We Go From Here? (Brickell North)

Chair: **Mark Burton, MA**, Case Western Reserve University

Examining PTSD Treatment Choice Among Individuals With Sub-Threshold PTSD

Hannah Bergman, MA, Case Western Reserve University

*Well Begun Is Half Done: The Role of Early Response, Expectations, and Alliance* 

**Belinda Graham,** University of Washington Negative Life Events and PTSD Treatment With Prolonged Exposure and Sertraline

Mark S. Burton, MA, Case Western Reserve University

Effects of Childhood Abuse on Cortisol Responsivity and Treatment Effectiveness Among Veterans With Combat-Related PTSD

Loren Post, PhD, Emory University Discussant: Sheila Rauch, PhD, VAAAHCS/University of Michigan

#### 338–Lessons Learned and Collaborations Formed From the Career Development Leadership Program: Examining Multilevel Influences on Mental Healthcare (Gardenia A/B)

Chairs: **Cassidy A. Gutner, PhD,** Boston University School of Medicine & VA Boston Healthcare System and **Courtney Benjamin, PhD,** University of Pennsylvania

Diagnostic Specificity and Access to Evidence Based Treatment for Veterans With Anxiety Terri Barrera, PhD, MEDVAMC (I52)

A Complementary Marriage of Perspectives: Understanding Organizational Context Using Mixed Methods

**Courtney Benjamin, PhD,** University of Pennsylvania

Investigation of Therapist Perceptions of Mobile Applications in Treatment: A Qualitative Study

Matthew Price, PhD, University of Vermont Effects of Consultation Method on Implementation of Cognitive Processing Therapy for PTSD

Cassidy A. Gutner, PhD, National Center for PTSD, VA Boston Healthcare System

Discussant: **Edward Craighead, PhD,** Emory University

#### 342–Contributions of Sleep to Anxious/Affective Risk and Psychopathology in Children and Adolescents (Flamingo-4th Floor)

Chairs: Michelle A. Clementi, BS, and Jennifer Cowie, BA, University of Houston Changes in Anxiety, Affect, and Emotion Pagulation Among Sleep-Pactricted Health

- Regulation Among Sleep-Restricted Healthy Adolescents: An Experimental Investigation Candice A. Alfano, PhD, University of Houston
- Sleep-Dependent Emotional Memory Consolidation in Anxious and Healthy Youth
- Dana McMakin, PhD, University of Pittsburgh Emotional Reactivity Partially Mediates the Link Between Bedtime Problems in Children and Internalizing Problems in Adolescent Girls
- Katharine Reynolds, MA, University of Houston Discussant: Candice A. Alfano, PhD, University of Houston

#### 353–A Penny for Your Thoughts, a Dollar for Your Thoughts About Thoughts: Metacognition in the Treatment of Severe OCD (*Hibiscus A*)

Chair: Kenneth J.D. Allen, MA, Harvard University Suicide Risk Moderates Treatment-Related Changes in Thought-Control Strategies Among Patients With Severe OCD

Kenneth J.D. Allen, MA, Harvard University Thought-Control Strategies in Adolescents and Young Adults: Approaches and Challenges

Maria Fraire, PhD, McLean Hospital/Harvard Medical School

Changes in Obsessive Beliefs and Maladaptive Thought Control Strategies Predict Changes in Obsessions in Severe OCD

**Brittany M. Mathes, BA,** McLean Hospital Longitudinal Evaluation of Cognitive-Control Strategies on Symptom Severity and Treatment Outcome: Findings From a Residential Treatment Program

Nathaniel Van Kirk, PhD, McLean Hospital/Harvard Medical School

Discussant: Jason W. Krompinger, PhD, McLean Hospital/Harvard Medical School

#### **58 « ANXIETY AND DEPRESSION CONFERENCE**

3:00 PM – 5:00 PM, CONTINUED

367–Late-Life Anxiety and Depressive Disorders: Enhancing Our Understanding of Their Prevalence and Comorbidities, as Well as Factors Related to Help-Seeking, Diagnosis, and Treatment (*Tuttle South*)

Chair: **Corey Mackenzie, PhD,** University of Manitoba Prevalence of Depressive and Anxiety Disorders Decrease With Age, but Symptom Trajectories Are Less Clear: A Review of Epidemiologic Studies Across the Adult Lifespan

**Corey Mackenzie, PhD,** University of Manitoba Posttraumatic Stress Disorder in Aging U.S. Military Veterans

**Robert Pietrzak, PhD,** Yale University Older Adults' Narratives of Treatment Seeking for Anxiety Disorders and Related Conditions

Kristin Reynolds, MA, University of Manitoba Heterogeneity of Specific Phobia Types in Older Adults

Kee-Lee Chou, PhD, The Department of Asian and

Policy Studies, The Hong Kong Institute of Education, Mindfulness-Based Stress Reduction Improves Symptoms and Cognitive Function in Older Adults With Anxiety and Depressive Disorders

Eric Lenze, MD, Washington University School of Medicine

#### APRIL 11, 1:00 PM – 2:00 PM Networking Lunch for Early Career Professionals (Trainees, Postdoctoral Fellows, Residents, and Students)

(Included in registration; present your ticket for admission.)

The presenters will inspire and motivate the early career and student members of ADAA to dedicate their careers towards enhancing the ability to prevent and treat anxiety, depression, and related disorders. Featuring five-minute "INSPIRE" presentations: Luana Marques, PhD, Massachusetts General Hospital/Harvard Medical School; Daniel Pine, MD, National Institute of Mental Health; Simon Rego, PsyD, Montefiore Medical Center; Bradley Riemann, PhD, Rogers Memorial Hospital; Barbara Rothbaum, PhD, Emory University

#### **Sponsored by Rogers Memorial Hospital**

### 1:00 PM-2:00 PM

Professionals: Lunch on Your Own (Grab-and-go lunches available in Promenade – Terrace Level. See below for lunchtime programming.)

II9-Career Decisions and Transitions for Women With Families (Tuttle North/Center) Chair: Jill Ehrenreich May, PhD, University of Miami Muniya S. Khanna, PhD, Children and Adult's Center for OCD and Anxiety; Lisa W. Coyne, PhD, McLean Hospital/Harvard Medical School; Alicia Meuret, PhD, Southern Methodist University; Risa B. Weisberg, PhD, VA Boston Heathcare System

#### 234–Group Consultation — Treatment-Resistant Pediatric Anxiety (Orchid A/B)

Chair: **David Jacobi, PhD,** Rogers Memorial Hospital Live demonstration of the online group consultations that ADAA will launch in the spring. Group consultation offers participants an exclusive opportunity to further their clinical training in anxiety, depression, and related disorders through meaningful discussions about cases led by renowned clinical experts.

#### Multicultural Advances Special Interest Group Meeting

#### (Flamingo, 4th Floor)

Carmela Alcantara, PhD, and Sarah Hayes, PhD, Cochairs, will facilitate a strategic planning session on 2015–2016 Multicultural SIG programming.

### 2:00 PM – 3:00 PM

II2–Suicide: Opportunity for Psychological Hospice vs. Legal Risk Management Model of Care (Orchid A/B)

Brian Schmaus, PhD; Melanie Santos, PsyD; and Maha Zayed, PhD, The Anxiety Treatment Center

#### I22–Navigating Treatment of Co-Occurring Anxiety and Bipolar Disorder—Patient and Provider Perspectives (Brickell South)

Chair: **Allen Doederlein, BA,** Depression and Bipolar Support Alliance

**Rifaat S. El-Mallakh, MD,** University of Louisville Hospital and School of Medicine; **Michael Kuhl, BA,** Depression and Bipolar Support Alliance; **Andrew A. Nierenberg, MD,** Massachusetts General Hospital/Harvard Medical School

#### **304–Early Career Research: Strategies for Getting Funded** (*Tuttle South*)

Chair: Jamie A. Micco, PhD, Massachusetts General Hospital/Harvard Medical School Sabine Wilhelm, PhD, Massachusetts General Hospital/Harvard Medical School; Kristen Ellard, PhD, Massachusetts General Hospital/Harvard Medical School; Randy Auerbach, PhD, McLean Hospital/Harvard Medical School; Jill Harkavy-Friedman, PhD, American Foundation for Suicide Prevention

#### 2:00 PM – 4:00 PM 125–Anxiety and Depression Rounds

#### (Hibiscus A)

Chair: **Robert Ackerman, MSW,** Anxiety Disorders Treatment in Brooklyn

The Socially Perfectionistic Pilot Who Would Not Fly: Comorbid Social Anxiety Disorder and Depression

**Eric Goodman, PhD,** Coastal Center for Anxiety Treatment

School, Dogs, and Summer Camp: The Treatment of Separation Anxiety and Specific Phobia in an 8-Year-Old Girl

#### Rachel Busman, PsyD, Child Mind Institute

Complex Analysis and Treatment of Comorbid Severe OCD and Major Depression When Neither Diagnosis Is Primary: A Supportive, Interpersonal, and CBT Approach

#### Bruce Michael Hyman, PhD

The Burden of the Success Imperative: Treatment of Severe Major Depression With Consecutive Cognitive Therapy Techniques, Role Play, and Existential Paradox

Robert Stephen Schachter, PhD, Mount Sinai School of Medicine

Jack Gets in the Door: A Session Video With Commentary on Novel Techniques in the Treatment of OCD of a Violent Abhorrent Nature **Robert Ackerman, MSW,** Anxiety Disorders

Treatment in Brooklyn

#### **139–Comorbid Anxiety in Major Mood Disorders** (Brickell Center)

Chair: **Rudolf Uher, MD,** Dalhousie University Lifetime Prevalence Rates of Anxiety Disorders in People With Bipolar Disorder: A Meta-Analysis **Barbara Pavlova, PhD,** Capital District Health

Authority

Anxiety Comorbidity and Treatment Outcomes in Bipolar Depression: A STEP-BD Analysis

**Roy H. Perlis, MD,** Massachusetts General Hospital The Effect of Anxiety on Longer-Term Recovery in Chronic or Recurrent Depression in Medication vs. Medication Combined With Cognitive Therapy

Nicholas R. Forand, PhD, Ohio State University Anxiety as a Developmental Antecedent to Major Mood Disorders: Review and Findings From the FORBOW Study

Rudolf Uher, MD, Dalhousie University

#### \*I77-Cognitive-Behavioral Therapy for

Insomnia (CBT-I) (Orchid C/D) Virginia Runko, PhD, The Ross Center \*Maintenance of Certification (MOC) Self-Assessment Credits for Psychiatrists

#### 2IO–Effective Processing in Prolonged Exposure Therapy for PTSD (Flamingo-4th

Floor)

David Yusko, PsyD, University of Pennsylvania, and Emily Malcoun, PhD

#### **308–Mechanisms of Altered Interoceptive Awareness in Anxiety and Depression** (*Tequesta-4th Floor*)

Chairs: **Sahib Khalsa, MD, PhD,** University of California, Los Angeles, and **Daniel Pine, MD,** National Institute of Mental Health

Exploring the Relationship Between Altered Interoceptive Insula Activity and Functional Connectivity in Major Depressive Disorder

W. Kyle Simmons, PhD, Laureate Institute for Brain Research

Anxiety, Panic, and Interoceptive Awareness in Patients With Bilateral Amygdala Damage

Justin Feinstein, PhD, Laureate Institute for Brain Research

Behavioral and Molecular Genetic Outcomes Associated With Interoceptive Challenge via 7.5% Carbon Dioxide

**Roxann Roberson-Nay, PhD,** Virginia Commonwealth University

Detection and Management of Anxiety and Depression Due to Interoceptive Symptom Burden in Cardiac Arrhythmias

Sahib Khalsa, MD, PhD, University of California, Los Angeles

Discussant: **Martin Paulus, MD,** University of California, San Diego

#### **60 « ANXIETY AND DEPRESSION CONFERENCE**

2:00 PM – 4:00 PM, CONTINUED

#### 312-Mechanisms of Ketamine Across Mood

and Anxiety Disorders (Tuttle North/Center) Chairs: Sanjay J. Mathew, MD, Michael E. DeBakey VA Medical Center/Baylor College of Medicine, and Chadi G. Abdallah, MD, Yale University School of Medicine/VA National Center for PTSD

Impact of Ketamine on Neurocircuit Activation in Patients With Treatment-Resistant Major Depressive Disorder

**James W. Murrough, MD,** Icahn School of Medicine at Mount Sinai

Long-Range Prefrontal Cortex Dysconnectivity in Major Depressive Disorder Appears to Normalize 24-Hours Post-Ketamine Treatment

**Chadi G. Abdallah, MD,** Yale University Medical Center/VA National Center for PTSD

Ketamine as a Rapid Treatment for Chronic PTSD: Clinical Effects and Potential Biological Mechanisms

Adriana Feder, MD, Icahn School of Medicine at Mount Sinai

In Vivo Effects of Ketamine on Glutamate-Glutamine and Gamma-Aminobutyric Acid in Obsessive-Compulsive Disorder: Proof of Concept

Carolyn Rodriguez, MD, Columbia University Resting State Functional Connectivity Analysis of Depression and the Effect of Ketamine by Use of ROIs Designed From Gene Expression Analysis Ramiro Salas, PhD, Baylor College of Medicine

#### 3I5-Cognitive Training and Transcranial Direct Current Stimulation: New Neurocognitive Approaches to the Treatment of Depression (Hibiscus B)

Chairs: Rudi De Raedt, PhD, and Laura de Putter, MSc, Ghent University

Using Adaptive Working Memory Training to Improve the Prefrontal Control of Attention in Depression

Max Owens, PhD, Birkbeck University of London "What About Prevention?" Training Cognitive Control to Reduce Stress Reactivity and Rumination

**Kristof Hoorelbeke, MSc,** Ghent University Exploring the Influence of Neuromodulation and Working Memory Training on Rumination

Laura de Putter, MSc, Ghent University Transcranial Direct Current Stimulation Combined With Cognitive Training: A New Therapeutic Treatment for Depression?

**Donel M. Martin, PhD,** University of New South Wales A New Approach to Depression Treatment: Transcranial Direct Current Stimulation and Cognitive-Control Training

**Rebecca A. Segrave, PsyD,** Monash University Discussant: **Michael Browning, PhD,** Warneford Hospital

#### 327–Trichotillomania and Other Body Focused Repetitive Behaviors: New Understanding, Better Treatment

(Brickell North)

Chairs: **Peggy M. Richter, MD,** and **Mark Sinyor, MD,** Sunnybrook Health Sciences Centre

Using Neurobiology to Improve Medication Treatment of BFRBs

Jon Grant, MD, University of Chicago The Familiality of Hairpulling and Its Relation to Other Mood and Anxiety Disorders

**David Pauls, PhD,** Center for Human Genetic Research

The Examination of Five-Factor Model Personality Traits and Cognitive Dimensions in CBT Treatment Response for DSM-5 Trichotillomania, Excoriation, and Hoarding Disorder

**Neil Rector, PhD,** Sunnybrook Research Institute Psychotherapy for Trichotillomania: A Pilot Study of Cognitive Behavioral Therapy Applied in a Group Setting

Mark Sinyor, MD, Sunnybrook Health Sciences Centre

#### 34I–Understanding Family Factors in Child and Adolescent Anxiety Disorders: Associations With Symptoms and Recent Developments in Treatment (*Gardenia A/B*)

Chair: **Polly Waite, PsyD,** University of Reading All in the Family: Influence of Parent Behaviors on Child Anxiety and Fear

**Krystal M. Lewis, PhD,** University of Illinois at Chicago Rachman's Three Pathways in Parents: Are They Associated With Fearfulness and Approach in Children and Can They Be Modified?

Sam Cartwright-Hatton, PhD, University of Sussex Brief Parent-Led CBT for Childhood Anxiety Disorders: An Effective Low-Intensity Intervention?

Cathy Creswell, PhD, University of Reading The Effectiveness of an Internet-Based Treatment (BRAVE-Online) With Adolescents With Anxiety Disorders: Does Work in a Routine Clinical Setting and Do Parent Sessions Improve Treatment Outcome?

**Polly Waite, PsyD,** University of Reading Do Parents Have a Role to Play in the Treatment of Adolescent OCD?

Shirley Reynolds, PhD, University of Reading

#### 358–What Can the Functioning of Boston-Area Families Following the 2013 Marathon Bombing Teach Us About the Impact of Terrorism on Youth? (Jasmine)

Chair: Jonathan S. Comer, PhD, Florida International University

Adjustment Among Area Youth After the Boston Marathon Bombing and Subsequent Manhunt Jonathan S. Comer, PhD, Florida International University

#### 2:00 PM - 4:00 PM, CONTINUED

Caregiver Distress, Shared Traumatic Exposure, and Child Adjustment Among Area Youth Following the 2013 Boston Marathon Bombing

**Danielle Cornacchio, MA,** Florida International University

Internet Exposure and Posttraumatic Stress Among Boston-Area Youth Following the 2013 Marathon Bombing

Mariah DeSerisy, MA, Florida International University

Adjustment Among Children With Relatives who Participated in the Manhunt Following the Boston Marathon Attack

**Amanda L. Sanchez, MS,** Florida International University

Media Exposure and Sympathetic Nervous System Reactivity Predict PTSD Symptoms After Boston Marathon Bombings

Daniel S. Busso, PhD, Harvard Graduate School of Education

Discussant: **Annette M. La Greca, PhD,** University of Miami

### 3:00 PM - 4:00 PM

#### IOO-Ignite Symposium: Mental Health of Law Enforcement Officers: Current Strategies and Issues in Prevention and Intervention. (Brickell South)

Chairs: **Sarah Henderson, BA,** and **Vincent Van Hasselt, PhD,** Nova Southeastern University Police Officers and Suicide: A Review of Current Concerns

Karen N. Guszkowski, BA, Nova Southeastern University

*Law Enforcement Culture: Risks and Resiliency* **Sarah Henderson, BA,** Nova Southeastern University

Unique Stressors of Law Enforcement Officers Alexandra Crouch, MS, Nova Southeastern

University

The Impact of Exposure to Critical Incidents on Police Officers

**Casey L. Straud, MS,** Nova Southeastern University The Mental and Physical Toll of Being a Police Officer

Nichole B. Vincent, MS, Nova Southeastern University

Behavioral Health Peer Training for Law Enforcement

Bryan Steinkopf, MS, Nova Southeastern University

#### **IO3–Decreasing or Discontinuing** Medications in Adult and Pediatric OCD: An Expert Roundtable Discussion (*Tuttle South*)

Chair: **Phillip J. Seibell, MD,** Rogers Memorial Hospital

**Stephanie Eken, MD,** Rogers Memorial Hospital; **Eric Storch, PhD**, University of South Florida and Rogers Memorial Hospital; **Blair Simpson, MD**, Columbia University Medical Center; **Justin Mohatt, MD**, Weill Cornell Medical College

#### II7–Is Your Patient Seriously Suicidal? When to Hospitalize Suicidal, Violent, or Impulsive Patients (Orchid A/B)

Chair: Stan D. Arkow, MD, Columbia University Medical Center

Randy J. Auerbach, PhD, McLean Hospital and Thröstur Björgvinsson, PhD, McLean Hospital/Harvard Medical School

### 4:00 PM - 4:30 PM Networking Break

**Annual Conference Town Hall Meeting** 

Regency Ballroom Prefunction (Terrace Level) Meet Luana Marques, ADAA conference program coordinator, and Jordan Smoller, the 2016 program chair, to discover how to get involved with the conference and to tell us what you hope to see next year.

### 4:30 PM - 6:00 PM

#### I36–Application of an Internet-Based CBT Treatment for PTSD in Hard-to-Reach Populations (Tuttle North/Center)

Chair: Cindy J. Aaronson, PhD, Icahn School of Medicine at Mount Sinai

Internet-Based CBT for PTSD in World Trade Center First Responders

**Cindy J. Aaronson, PhD,** and **Leah Cahn, LMSW,** Icahn School of Medicine at Mount Sinai

Therapist-Assisted Internet-Based CBT Writing Therapy for Specific Cohorts With Posttraumatic Stress Disorder

Maria Boettche, PhD, Freie Universität Berlin Longitudinal Trajectories and Dimensionality of PTSD Symptoms in World Trade Center Police and Non-Traditional Responders

Adriana J. Feder, MD, Icahn School of Medicine at Mount Sinai

Discussant: **Terence Keane, PhD,** VA Boston, National Center for PTSD

#### 62 « ANXIETY AND DEPRESSION CONFERENCE

4:30 PM – 6:00 PM, CONTINUED

#### **I72–Theory-Driven Parent-Based Treatment for Childhood Anxiety: The SPACE Program** (*Tuttle South*)

Eli R. Lebowitz, PhD, Yale University Child Study Center

#### 183–Postpartum Parenting: Managing Depression, Anxiety, and Intrusive Thoughts as a (New) Parent (*Flamingo-4th Floor*)

**Elspeth Bell, PhD** and **Jonathan Hershfield, MFT,** University of California, Los Angeles Child OCD Intensive Outpatient Program

**187–When Boundaries Blur: Treating OCD** Within the Family System (Orchid C/D)

Jenny C. Yip, PsyD, Renewed Freedom Center for Rapid Anxiety Relief

#### 193–Afraid of What Might Come Up? Treating Fear of Vomiting (Emetophobia) Using a Cognitive- Behavioral Approach (Orchid A/B)

Alison R. Alden, PhD; Julieanne Pojas, PsyD; and Dustin Siegel, PsyD, The Anxiety Treatment Center of Greater Chicago

195–Behavioral Chains: Assessment, Intervention and Change. Learn How to Get Unstuck With Clients and Enhance Movement in Treatment (Brickell South)

Stefanie Sugar, PsyD, Evidence Based Treatment Center of Seattle

Stephanie Dowd, PsyD, Child Mind Institute

#### 212-Procrastination, Anxiety and What to Do

About It (Brickell Center) Robert Schachter, PhD, Mount Sinai School of Medicine

227-Targeting Areas of the Brain for Change: Techniques for Assessing Sources of Anxiety in the Brain (Tequesta-4th Floor) Catherine M. Pittman, PhD, Saint Mary's College

#### 3II–Factors Affecting Treatment Outcome: Risk, Resilience and Retention (Gardenia A/B)

Chair: Amanda W. Calkins, PhD

Do Risk and Resilience Factors Underlying the Comorbidity of PTSD and Smoking Predict Treatment Outcome?

**Anu Asnaani, PhDI,** Laurie Zandberg, PsyD<sup>2</sup>, Elizabeth Alpert, BA<sup>2</sup>, Samantha Farris, MA<sup>2</sup>, Joseph Carpenter, BA<sup>2</sup>, Carmen McLean, PhD<sup>2</sup>, Edna Foa, PhD<sup>2</sup>, 'Philadelphia, PA, <sup>2</sup>University of Pennsylvania A Naturalistic Study of Predictors of Response to Dialectical Behavior Therapy **Angela Fang, PhD**<sup>1</sup>, Noah C. Berman, PhD<sup>2</sup>, Rebecca M.

Angela Fang, PhD<sup>1</sup>, Noan C. Berman, PhD<sup>2</sup>, Rebecca M. Harley, PhD<sup>2</sup>, <sup>I</sup>Boston, MA, <sup>2</sup>Massachusetts General Hospital/Harvard Medical School Does Timing Matter? The Impact of Session Frequency and Consistency on Outcome **Cassidy Gutner, PhD',** Michael K. Suvak, PhD<sup>2</sup>, Alice T. Sawyer, PhD<sup>3</sup>, Denise M. Sloan, PhD<sup>3</sup>, Patricia A. Resick, PhD<sup>4</sup>, 'Boston, MA, <sup>2</sup>Suffolk University, <sup>3</sup>National Center for PTSD, <sup>4</sup>Duke University Peer-to-Peer Outreach for Veterans of Iraq and Afghanistan: Improving Mental Health Treatment Utilization

**Elizabeth M. Goetter, PhDI,** Roger Knight, BA<sup>2</sup>, Tommy Furlong, BA<sup>2</sup>, Travis Weiner, BA<sup>2</sup>, Laura Lakin, BA<sup>2</sup>, Michael Allard, BA<sup>2</sup>, Naomi Simon, MD, MSc<sup>2</sup>, 'Boston, MA, <sup>2</sup>Massachusetts General Hospital/Harvard Medical School

Discussant: Stefan Hofmann, PhD

#### 3I6–Examining Reward Dysfunction as a Risk for Depression Onset, Maintenance, and Relapse From Adolescence to Adulthood (Jasmine)

Chairs: **Randy P. Auerbach, PhD,** McLean Hospital/Harvard Medical School and **Roee Admon, PhD,** McLean Hospital/Harvard Medical School

Toward Identification of Neural Predictors of Adolescent Depression

Randy P. Auerbach, PhD, McLean Hospital/Harvard Medical School

Differential Neural Response to Feedback in Depressed Adolescents: A High-Density ERP Study

Christian A. Webb, PhD, McLean Hospital/Harvard Medical School

A Multi-Modal Assessment of Positive Valence Systems Across Unipolar and Bipolar Depression Alexis E. Whitton, PhD, McLean Hospital/Harvard

Medical School

Inability to Sustain Positive Mood in Remitted Individuals With Recurrent Depression

Roee Admon, PhD, McLean Hospital/Harvard Medical School

Discussant: **Diego A. Pizzagalli, PhD,** McLean Hospital/Harvard Medical School

#### 329–PTSD: Predicting its Development From Prospective Studies and Creating Early Interventions for Its Prevention (Brickell North)

Chair: Charles B. Nemeroff, MD, PhD, University of Miami School of Medicine

Genetic Markers Associated With Prospective Prediction of PTSD Development

Kerry Ressler, MD, PhD, Emory University The Role of Early Life Stress and Minority Group Membership in the Development of PTSD: Preliminary Findings from Miami and Atlanta ED Populations

Felicia Gould, PhD, University of Miami
 Optimal Dose of Early Intervention to Prevent PTSD
 Barbara O. Rothbaum, PhD, Emory University School of Medicine

#### 4:30 PM - 6:00 PM, CONTINUED

Peritrauma Administration of IV Opiates in an Emergency Department Prospectively Attenuates PTSD and Depression Alex Rothbaum, BS, Case Western Reserve University

#### 332–Recent Applications of Mindfulness and Emotion Regulation in the Conceptualization and Treatment of Anxiety Disorders (*Hibiscus A*)

**Chair: Katherine Crowe, MA,** Fordham University The Impact of Cognitive Behavioral Therapy on Excessive Reassurance Seeking in OCD and the Anxiety Disorders

- Neil Rector, PhD, University of Toronto Exploratory Research in Mindfulness, Obsessive-Compulsive Symptoms, and Executive Dysfunction
- Katherine Crowe, MA, Fordham University Translating Science to Practice: Adapting an Acceptance-Based Behavioral Therapy For Generalized Anxiety Disorder to an On-Campus Prevention Program for Anxiety
- Lizabeth Roemer, PhD, University of Massachusetts Boston

Implicit Motivational Changes of Approach and Avoidance in Emotion Regulation Therapy

Jean M. Quinterro, BA, Hunter College Discussant: Mark B. Powers, PhD, University of Texas at Austin

#### 339-New Developments in CBT for

Pediatric Obsessive-Compulsive Disorder (Hibiscus B)

**Chair: Dean McKay, PhD,** Fordham University The Assessment and Treatment of Pediatric OCD in a Regional Health System

Stephen P. Whiteside, PhD, Mayo Clinic Brief Intensive Cognitive-Behavior Therapy for Childhood Obsessive-Compulsive Disorder: A Pilot Feasibility Study

Lauren Mancusi, MA<sup>1</sup>, Evelyn No, PhD<sup>2</sup>, Katherine Crowe, MA<sup>2</sup>, William Toboas, MA<sup>2</sup>, Brian Pilecki, PhD<sup>2</sup>, Rachel Ojserkis, M.A<sup>2</sup>, Andrea Nave, MA<sup>2</sup>, Jeanette Reid, MA<sup>2</sup>, Dean McKay, PhD<sup>2</sup>, IBronx, NY, <sup>2</sup>Fordham University

Randomized, Placebo-Controlled Trial of Cognitive-Behavioral Therapy Alone or Combined With Sertraline in the Treatment of Pediatric Obsessive-Compulsive Disorder

**Eric A. Storch, PhD**<sup>I</sup>, Regina Bussing, MD<sup>2</sup>, Brent J. Small, PhD<sup>3</sup>, Gary R. Geffken, PhD<sup>2</sup>, Joseph P.

McNamara, PhD<sup>2</sup>, Omar Rahman, PhD<sup>3</sup>, Adam B. Lewin, PhD<sup>3</sup>, Cynthia S. Garvan, PhD2, Wayne K. Goodman, MD<sup>4</sup>, Tanya K. Murphy, MD<sup>3</sup>, IUniversity of South Florida, <sup>2</sup>University of Florida, <sup>3</sup>University of South Florida, <sup>4</sup>Mt. Sinai Hospital

Brain-Based and Functional Correlates of OCD Symptom Dimensions in Youth Receiving CBT John Piacentini, PhD, University of California, Los Angeles

### 4:30 PM - 6:00 PM

Annual Conference Committee (Granada-4th Floor)

### 6:00 PM – 7:00 PM

PTSD Special Interest Group Social Hour (Check Registration for location)

# 9:00 PM – 11:30 PM

Dance Party (Riverwalk/Outdoor Terrace) All attendees are invited.

(Hosted by the Conference Co-chairs Tanja Jovanovic and Kerry Ressler and the Early Career Special Interest Group)

You are invited to a special Saturday Night Dance Party. We'll be ready to get our dance moves on, so please join us on the Hyatt Regency Outdoor Terrace with your dancing shoes.

Professional DJ and cash bar. Dance the night away with your ADAA colleagues under the Miami night sky.

#### CONTINUING EDUCATION CREDIT

Look for an email with login and password to evalute sessions daily and print your certificate.

#### Please note deadline:

You must also complete your online evaluation via your customized email and download your CE or CME certificate by June 5, 2015. No exceptions.

See **Continuing Education** in this program for more details.

# POSTER SESSION 2 6:00 PM - 7:30 PM

#### **Anxiety and Depression**

#### 2. Pain-Related Anxiety in Relation to Anxiety and **Depression Among Persons Living With HIV/AIDS**

Charles P. Brandt, BS<sup>I</sup>, Michael J. Zvolensky, PhD<sup>I</sup>, Stephanie D. Daumasl, Kristin W. Grover, PhD<sup>2</sup>, Adam Gonzalez, PhD<sup>3</sup>

<sup>1</sup>University of Houston, <sup>2</sup>University of Vermont, <sup>3</sup>Stony Brook University

#### 3. Depression and Anxiety Prevention for At-Risk **Adolescents: A Meta-analytic Review**

Sanne P.A. Rasing, MS GGZ Oost Brabant, Radboud University

#### 4. Pilot Results of a School-Based Anxiety **Prevention Program Serving Hispanic Youth**

Saneya H. Tawfik, PhD, Jamie Mash, BS, Sarah M. Kennedy, BA University of Miami

#### 5. Ready or Not, Will They Come: Predicting **Adolescent Treatment Dropout Based on Readiness** for Change

Rebecca A. Grossman, BA, Jill Ehrenreich May, PhD University of Miami

#### 6. Predicting Informant Discrepancy in Clinically **Anxious and Depressed Adolescents**

Jamie A. Mash, BA<sup>1</sup>, Jonathan Epstein<sup>2</sup>, Emily M. Becker, MS<sup>2</sup>, Jill Ehrenreich May, PhD<sup>2</sup>. <sup>1</sup>University of Miami, <sup>2</sup>University of Miami

#### 7. Should I Be Worried About Ruminating? Exploring The Comorbidity Between Pediatric Anxiety And Depression

Stephanie Davis, PhD<sup>1</sup>, Jennifer S. Silk, PhD<sup>1</sup>, Laura J. Dietz, PhD<sup>2</sup>, Dana L. McMakin, PhD<sup>2</sup>, Ronald E. Dah<sup>1</sup>, MD<sup>3</sup>, Neal D. Ryan, MD<sup>2</sup> <sup>1</sup>University of Pittsburgh, <sup>2</sup>University of Pittsburgh School of Medicine, <sup>3</sup>University of California, Berkeley

#### 8. Difficulties in Emotion Regulation Differentiate **Depressive and Obsessive-Compulsive Symptoms** and Their Co-Occurrence

Monica R. Whitehead, MS, Anna M. Jones, MS, Cynthia Suveg, PhD University of Georgia

#### 9. Determinants of Young Adults' Mental Health **Help-Seeking Attitudes and Behaviors**

Brooke E. Beatie, BA, Donald W. Stewart, PhD, John R. Walker, PhD University of Manitoba

#### **IO.** Investigating Comorbidity and Heterogeneity **Among Emotional Disorders Using a Hierarchical** Model

Luke F. Heggeness, BA<sup>1</sup>, Daniel J. Paulus, MA<sup>1</sup>, Alexander M. Talkovsky, MA<sup>I</sup>, Peter J. Norton, PhD<sup>2</sup> <sup>1</sup>University of Houston, <sup>2</sup>Monash University

#### II. Influence of the BDNF Val66Met Polymorphism on **Emotion Regulatory Processing**

Karin M. Nylocks, BS, Lee Gilman, PhD, Maeson Latsko, BS, Jessica Flynn, MA, Aaron Jasnow, PhD, Karin Coifman, PhD Kent State University

#### **12.** General Functioning of Military Families Living in the Community: Relationships to Parental Distress and Parenting Sense of Competence

Eric Bui, MD, PhD, Rebecca J. Zakarian, BA, Hope Kelly, MA, Erinn Geyer, Naomi Simon, MD, Bonnie Ohye, PhD

Massachusetts General Hospital

#### **I3.** Child Internalizing Symptoms and Parenting **Stress: The Moderating Role of Neighborhood Climate Among Low-Income Latino Families** Nicole Colon-Quintana, BS<sup>1</sup>, Bridget Makol, BS<sup>1</sup>,

William Martinez, PhD<sup>2</sup>, Antonio Polo, PhD<sup>1</sup>. <sup>1</sup>DePaul University, <sup>2</sup>Palo Alto University

#### **14. Cognitive Distortions Associated With Anxiety** and Depression Symptoms in Hispanic Children Lourdes Suarez-Morales, PhD, Victoria Schlaudt, BA, Kristen Gulliver, MS, Margaret Tobin, MS. Nova Southeastern University

#### **15. The Hospital Anxiety and Depression Scale** (HADS): Examination of Its Psychometric Properties in a Sample of Puerto Rican General Hospital Inpatients

Daira I. Davila-Vargas, BA<sup>1</sup>, Cristina I. Peña-Vargas, BA<sup>2</sup>, Gloria Asencio-Toro, PhD<sup>2</sup>, Julio Jiménez-Chávez,  $MD^2$ 

Ponce Health Sciences University, Ponce Health Sciences University

#### 16. I Know I'm Disgusting, But Are You? Examining the Relations Among Anxiety and Depression Symptoms and Disgust Propensity and Sensitivity, Self-Disgust, and Moral Disgust

Melanie J. Wadkins, PhD, Katrina Garland, MS, Rachel S. Slater, BA Ferkauf Graduate School of Psychology

#### 17. Emotion Dysregulation Predicts Subjective Anxiety During Relative Safety From Threat in Depressed Individuals

*Namik Kirlic, MA*<sup>1</sup>, Diamond Urbano, BA<sup>2</sup>, Elana Newman, PhD<sup>1</sup>, Ruben P. Alvarez, PhD<sup>2</sup> 'The University of Tulsa, <sup>2</sup>Laureate Institute for Brain Research

#### 18. Examining Predictors of Help-Seeking Behaviors in Patients With Mood and Anxiety Symptoms

**Leena Anand, BA',** Melissa Furtado, BS<sup>2</sup>, Rosaria S. Armata, BS<sup>2</sup>, Irvin Epstein, MD, FRCPC<sup>2</sup>, Isaac Szpindel, MD<sup>2</sup>, Catherine Cameron, MD<sup>2</sup>, Martin A. Katzman, MD, FRCPC<sup>2</sup>

START Clinic for Mood and Anxiety Disorders, 2START Clinic for Mood and Anxiety Disorders

#### **19. Effects of Depression Symptoms on Perceptions of Evidence-Based Interventions for Depression and Anxiety**

*Morganne A. Kraines, BA,* Lucas Kelberer, BS, Tony T. Wells, PhD Oklahoma State University

#### 20. Early Change Predicts Later Response to Acceptance and Commitment Therapy and Cognitive Therapy

Joanna Kaye, BA, Staci Berkowitz, MA, Stephanie Marando-Blanck, BA, Evan Forman, PhD, James Herbert, PhD Drexel University

#### 21. My Mind, My Wellness: A Preliminary Investigation of a Transdiagnostic Internet-Based CBT Program for Depressive and Anxiety Disorders in Young Adults

*Shalini Sivathasan, MA,* Tricia da Silva, MA, Lakshmi Ravindran, MD, FRCPC, Niki Fitzgerald, PhD, Arun Ravindran, MD, PhD Centre for Addiction and Mental Health

# 22. Social Anxiety and Disability: The Mediating Effect of Depression

Jamie Kennedy, MBA, Jessica Morgan, MA, Page L. Anderson, PhD Georgia State University

#### 23. Association of Self-Reported Job Stress With Psychiatric Symptoms: An Observational Cross-Sectional Study

Yunsin Kim, MD<sup>I</sup>, Eun-Jin Kim, MD, PhD<sup>I</sup>, Se-Won

Lim, MD, PhD<sup>1</sup>, Dong-Won Shin, MD, PhD<sup>1</sup>, Kang-Seob Oh, MD, PhD<sup>1</sup>, Young-Chul Shin, MD, PhD<sup>1</sup>, Jeong-Kyu Sagong, MD<sup>2</sup> <sup>1</sup>Kangbuk Samsung Hospital, <sup>2</sup>Dongguk University Gyeongju Hospital

#### **Anxiety Disorders**

**24. The Role of Maternal Parenting in Predicting Child Anxiety in a Highly Traumatized Population** *L. Alexander Vance, BA*<sup>1</sup>, *Ye Ji Kim, BA*<sup>1</sup>, *Dorthie Cross, PhD*<sup>1</sup>, *Jennifer Stevens, PhD*<sup>1</sup>, *Tanja Jovanovic, PhD*<sup>1</sup>, *Bekh Bradley, PhD*<sup>2</sup> <sup>1</sup>*Emory University School of Medicine,* <sup>2</sup>*Atlanta Veterans Administration Medical Center, Mental Health Service* 

#### 25. Informant Discrepancies Predict Anxiety Treatment Outcome for CBT but Not Medication Emily M. Becker, MS<sup>I</sup>, Amanda Jensen-Doss, PhD<sup>I</sup>,

Golda S. Ginsburg & The CAMS Team, PhD<sup>2</sup> University of Miami, <sup>2</sup>University of Connecticut Health Center

# **26. Salivary Biomarkers and Treatment Outcomes in Anxious Youth**

**Golda Ginsburg, PhD**<sup>1</sup>, Rachel Agnello, BA<sup>2</sup>, Brittany Gibby, MA<sup>2</sup>, Frances Chen, PhD<sup>3</sup>, Douglas Granger, PhD<sup>4</sup>

<sup>1</sup>University of Connecticut Health Center, <sup>2</sup>Johns Hopkins, <sup>3</sup>University of Pennsylvania, <sup>4</sup>Arizona State University

#### 27. Children's Perceptions of Barriers to Session Attendance in School-Based Treatment for Anxiety: Relation to Treatment Engagement and Outcomes

*Jeffrey E. Pella, PhD*<sup>1</sup>, Amy E. Hale, PhD<sup>1</sup>, Sarah Williams, PhD<sup>2</sup>, Kelly Drake, PhD<sup>2</sup>, Golda Ginsburg, PhD<sup>1</sup>.

<sup>1</sup>University of Connecticut Health Center, <sup>2</sup>Johns Hopkins University

#### 28. Hamilton Family Health Team Child and Youth Centralized Psychiatry Service (CYCPS) Initiative Catherine L. Mancini, MD, FRCPC<sup>1</sup>, Kathryn

Macdonald, MD, FRCPC<sup>1</sup>, Michelle Stockwell, RN<sup>2</sup> <sup>1</sup>McMaster University, <sup>2</sup>Hamilton Family Health Team

# POSTER SESSION 2 6:00 PM - 7:30 PM

#### 29. Dissemination of Computer-Assisted Cognitive-**Behavior Therapy for Anxiety in Schools: The Relationship Between School Climate and Program** Implementation

Alexandra L. Hoff, MA, Anna J. Swan, MA, Matthew M. Carper, MA, Philip C. Kendall, PhD, ABPP. Temple University

#### **30. Dissemination of Computer-Assisted CBT for Anxiety in Schools: Child Treatment Outcomes**

Anna J. Swan, MA, Matthew M. Carper, MA, Alexandra L. Hoff, MA, Philip C. Kendall, PhD, ABBP. Temple University

#### **3I. Face Morph: A Facial Emotion Recognition Task** and Its Implications for Anxiety Research

Dever M. Carney, BA<sup>I</sup>, Jeanne E. Savage, BA<sup>I</sup>, Hannah G. Donnelly, BA<sup>I</sup>, Roxann Roberson-Nay, PhD<sup>I</sup>, James R. Blair, PhD<sup>2</sup>, Daniel S. Pine, MD<sup>2</sup>, John M. Hettema, MD, PhD<sup>i</sup>

<sup>1</sup>Virginia Commonwealth University<sup>2</sup>, National Institutes of Mental Health

#### **32. Physiological Response to Social Evaluative Threat in Youth Treated for Anxiety**

Brittany Gibby, BS<sup>1</sup>, Frances R. Chen, MS<sup>2</sup>, Rachel Agnello, BA<sup>1</sup>, Golda S. Ginsburg, PhD<sup>3</sup>, Douglas A. Granger, PhD<sup>4</sup>

<sup>1</sup>The Johns Hopkins University School of Medicine, <sup>2</sup>University of Pennsylvania, <sup>3</sup>University of Connecticut Health Center, <sup>4</sup>Arizona State University

#### **33.** Physiological and Subjective Stress Response to the TSST in Anxious Youth

Rachel Agnello, BA<sup>1</sup>, Brittany Gibby, MS<sup>1</sup>, Golda Ginsburg, PhD<sup>2</sup>, Frances Chen, MS<sup>3</sup>, Douglas Granger, PhD⁴.

<sup>1</sup>Johns Hopkins University, <sup>2</sup>University of Connecticut, Storrs, CT, <sup>3</sup>University of Pennsylvania, <sup>4</sup>Arizona State University

#### 34. Interrelations Among Diverse Measures of **Distress Tolerance**

Fini Chang, BS, Ashwin Gautam, BA, Christopher Conway, PhD, Michelle G. Craske, PhD University of California, Los Angeles

#### **35. Anxiety Predicts Intrapersonal Functions for Engaging in Non-Suicidal Self-Injury Among University Students**

Nicole N. Capriola, Brenna B. Maddox, MS, Susan W. White, PhD Virginia Tech

#### 36. Clinical Characteristics Related With Risk and **Loss Aversive Decision Making Pattern in** Depression

Jeong-Ho Chae, MD, PhD<sup>1</sup>, HyuJung Huh, MD<sup>2</sup>, Joo Eon Park, MD, PhD<sup>3</sup>, Kwangyeol Baek, PhD<sup>4</sup> <sup>1</sup>The Catholic University of Korea, Seoul, <sup>2</sup>Seoul St. Mary's Hospital, <sup>3</sup>Keyo Hospital, Keyo Medical Foundation, Kyungai, <sup>4</sup>Korea Advanced Institute of Science and Technology

#### 37. Intolerance of Uncertainty as a Predictor of **Generalized Anxiety Disorder and Major Depressive** Disorder

Sohel Shivji, BA

START Clinic for Mood and Anxiety Disorders

#### **38.** Perfectionism and Its Relationship With **Intolerance of Uncertainty in Psychiatric Patients**

Munira Mohamed, BS, Melissa Furtado, BS, Leena Anand, BA, Rosaria Sara Armata, BS, Irvin Epstein, MD, FRCPC, Catherine Cameron, MD, Isaac Szpindel, MD, Tia Sternat, MPsy, Martin A. Katzman, MD, FRCPC START Clinic for Mood and Anxiety Disorders

#### **39. Novel Methodology for Comparing Physical Pain** and Social Pain in Acquisition and Extinction of Fear Gabriella Imbriano, BA<sup>1</sup>, Daniel Glenn, PhD<sup>2</sup>, Michelle G. Craske, PhD<sup>I</sup>.

UCLA, <sup>2</sup>Center of Excellence for Stress and Mental Health, VA San Diego Healthcare System

#### 40. Can a Single Bout of Aerobic Exercise Reduce **Anxiety Sensitivity? A Randomized Controlled Trial** Daniel M. LeBouthillier, MA, Gordon J.G. Asmundson, PhD

University of Regina.

#### 4I. Family Burden and Anxiety Disorders: A Hermeneutic Phenomenological Study Carrie Bullard, RN

St. Joseph's Healthcare Hamilton

#### 42. Parenting Efficacy Moderates the Association **Between Parental Anxiety and Parenting**

Frances F. Loeb, BA<sup>I</sup>, Alison A. Papadakis, PhD<sup>I</sup>, Kelly L. Drake, PhD<sup>2</sup>, Golda S. Ginsburg, PhD<sup>3</sup> Johns Hopkins University, <sup>2</sup>The Johns Hopkins University School of Medicine, <sup>3</sup>University of Connecticut Health Center

### **43. Hypermethylated Genes Are Associated With Anxiety Disorders Persistance in Adolescents**

Andressa Bortoluzzi, MS<sup>I</sup>, Giovanni A. Salum, PhD<sup>I</sup>, Eduarda D. Rosa, BS<sup>I</sup>, Rudineia Toazza, MS<sup>I</sup>, Diogo DeSousa, MS<sup>I</sup>, Danitsa Rodrigues, MD<sup>I</sup>, Mauro A. Castro, PhD<sup>2</sup>, **Gisele Gus Manfro, PhD<sup>I</sup>** <sup>1</sup>Universidade Federal do Rio Grande do Sul, <sup>2</sup>Universidade Federal do Paraná

#### 44. Using Research-Domain Criteria (RDoc) to Understand Biological Markers of Severe Anxiety

**Polaris Gonzalez, BA**<sup>1</sup>, Francheska Bidot, BA<sup>2</sup>, Stephanie Santiago, BA<sup>1</sup>, Kritzianel Merced, BA<sup>3</sup>, Nicole Carrillo, BS<sup>4</sup>, Pamela Rolon, BA<sup>1</sup>, Karen Martinez, MD, Sc<sup>3</sup>

Ponce School of Medicine and Health Sciences, <sup>2</sup>Ponce School of Medicine and Health Sciences, <sup>3</sup>University of PR Medical Sciences Campus, San Juan, <sup>4</sup>University of PR Rio Piedras Campus

#### 45. The Indirect Effect of Intolerance of Uncertainty in Terms of Mindfulness and Health Anxiety

Laura E. McLaughlin, BA, Emily M. O'Bryan, BS, Kristen M. Kraemer, MA, Christina M. Luberto, MA, Alison C. McLeish, PhD University of Cincinnati

#### 46. What Do Nontreatment-Seeking Veteran Primary Care Patients Do to Self-Manage Anxiety?

Robyn L. Shepardson, PhD, Jennifer S. Funderburk, PhD

VA Center for Integrated Healthcare

#### 47. Specificity of Implicit Shame Associations: Comparison Across Body Dysmorphic, Obsessive-Compulsive, and Social Anxiety Disorders

*Elise Clerkin, PhD*<sup>1</sup>, Bethany A. Teachman, PhD<sup>2</sup>, April R. Smith, PhD<sup>1</sup>, Ulrike Buhlmann, PhD<sup>3</sup> <sup>1</sup>Miami University, <sup>2</sup>University of Virginia, <sup>3</sup>Westfälische Wilhelms-Universität Münster

#### 49. Neurocognitive Mechanisms of Transdiagnostic-Symptom Change During Attention Bias Modification

*Simona Graur, MSW,* Danielle E. Gilchrist, BS, Greg J. Siegle, PhD, Rebecca B. Price, PhD University of Pittsburgh 50. Examining the Role of Intolerance of Uncertainty in the Relationship Between Hexaco Personality Factors and Trait Anxiety Sabine Soltani, BA University of Regina

# **5I. Fear-Renewal Response and Its Possible Implications: Healthy vs. Anxious Males**

*Gabriela Garcia-Vassallo, MD,* Laura M. Dieppa-Perea, BS, Karen G. Martinez, MD University of Puerto Rico, Medical Sciences Campus, San Juan

### 52. Anxious Arousal Decreases After One Month Smoking Abstinence

*Patricia C. Morales, BS*<sup>I</sup>, Samantha G. Farris, MA<sup>I</sup>, Nicholas P. Allen, MS<sup>2</sup>, Norman B. Schmidt, PhD<sup>2</sup>, Michael J. Zvolensky, PhD<sup>I</sup> <sup>I</sup>University of Houston, <sup>2</sup>Florida State University

# **53. Anxious Individuals Have Difficulty Learning the Causal Statistics of Aversive Environments**

*Michael Browning, DPhil,* Timothy E. Behrens, DPhil, Gerhard Jocham, DPhil, Jill X. O'Reillly, DPhil, Sonia J. Bishop, DPhil University of Oxford

**54. Cognitive Flexibility Mediates the Relation Between Intolerance of Uncertainty and Safety Signal Responding in Those With Panic Disorder** *Lynne Lieberman, BA, Stephanie M. Gorka, MA, Casey Sarapas, MA, Stewart Shankman, PhD University of Illinois at Chicago* 

#### 55. A Primary Evaluation of Effects of Atorvastatin on Resistant-to-Treatment Obsessive-Compulsive Disorder

**Mehdi Sayyah Bargard, MD**<sup>I</sup>, Laleh Shirvanipour, MS<sup>2</sup>

<sup>1</sup>Jundishapur University of Medical Science, Ahwaz, Islamic Republic of Iran, <sup>2</sup>Azad University, Ahwaz, Islamic Republic of Iran

#### 56. Quality of Life Outcomes Following Transdiagnostic Group Cognitive-Behavioral Therapy for Anxiety

*Alexander Talkovsky, MA', Peter Norton, PhD<sup>2</sup>. 'University of Houston, <sup>2</sup>Monash University* 

# $POSTER \ SESSION \ 2 \quad 6:00 \ \text{PM} - 7:30 \ \text{PM}$

#### 57. The Moderating Effect of Menstrual Cycle Phase on the Relations Among Emotion Dysregulation, Menstrual Symptoms, and Perceived Control

**Sanjana Manikandan, BA**<sup>1</sup>, Michael J. Zvolensky, PhD<sup>2</sup>, Kelly Rohan, PhD<sup>3</sup>, Yael I. Nillni, PhD<sup>4</sup>, Krystle Carkeek, BA<sup>5</sup>, Teresa Leyro, PhD<sup>5</sup>

<sup>1</sup>Rutgers University, <sup>2</sup>University of Houston, <sup>3</sup>University of Vermont, <sup>4</sup>U.S. Department of Veteran Affairs, <sup>5</sup>Rutgers University

#### **58. Anxiety Sensitivity and Distress Tolerance: Predictors of Adherence to a Yoga Intervention**

*Scarlett O. Baird, BA',* Lindsey B. Hopkins DeBoer, PhD<sup>2</sup>, Jasper A.J. Smits, PhD<sup>1</sup> 'The University of Texas at Austin, <sup>2</sup>San Francisco VA Medical Center

#### **Attention Deficit Disorders**

#### 59. Asthma as a Predictor of Attention Deficit Hyperactivity Disorder, Social Anxiety, and Agoraphobia

Melissa Furtado, BS, **Rosaria Sara Armata, BS**, Leena Anand, BA, Munira Mohamed, BS, Irvin Epstein, MD, FRCPC, Isaac Szpindel, MD, Catherine Cameron, MD, Tia Sternat, MPsy, Martin A. Katzman, MD, FRCPC START Clinic for Mood and Anxiety Disorders

#### 60. Assessing the Role of Executive Function and Candidate Genetic Markers in Comorbid Attention Deficit Hyperactivity Disorder and Posttraumatic Stress Disorder in Combat Veterans

**Robert L. Hirsch, PhD**<sup>I</sup>, Howard Mandel, BS<sup>2</sup>, Jingmei Zhang, MS<sup>I</sup>, Zhewu Wang, MD<sup>2</sup> <sup>I</sup>Medical University of South Carolina, <sup>2</sup>Ralph H. Johnson VA Medical Center

#### **Anxiety and Medical Illness**

#### I. Screening for Anxiety and Distress in Children With Food Allergy and Their Parents — Does Streamlined Care Impact Utilization?

Jacqueline Z. Helcer, MS, MA, Brianna Lewis, MA, Melissa Rubes, MA, Evan Wiley, BS, Caitlin Schneider, BS, Eyal Shemesh, MD, Rachel Annunziato, PhD Icahn School of Medicine at Mount Sinai

#### **Bipolar Disorder**

### **6I.** Cross-cultural Influence of Temperament and Personality on Mood

**Eliana Bauman, BA**<sup>1</sup>, Eleanor Tripp, BA<sup>2</sup>, Maya Nauphal, Other<sup>3</sup>, Eric Youngstrom, PhD<sup>4</sup>, Anna Van Meter, PhD<sup>2</sup> 'Stern College, Yeshiva University, <sup>2</sup>Ferkauf Graduate School, Yeshiva University, <sup>3</sup>University of Pennsylvania, <sup>4</sup>University of North Carolina at Chapel Hill

#### **Body Dysmorphic Disorder**

62. Modifying Interpretation Biases in Body Dysmorphic Disorder Evaluation of a Multi-Session Computerized Treatment Berta J. Summers, BA, Jesse R. Cougle, PhD

Florida State University

# **63.** An Examination of the Role of Not Just Right Experiences in Symptoms of Body Dysmorphic Disorder and Perfectionism

*Natalie L. Matheny, BA*, Jesse R. Cougle, PhD Florida State University

## **64.** Motives to Drink Alcohol in Body Dysmorphic Disorder

**Megan M. Kelly, PhD**<sup>I</sup>, Rachel Simmons, PhD<sup>2</sup>, Joseph Donahue, BA<sup>3</sup>, Katharine A. Phillips, MD<sup>2</sup> <sup>I</sup>University of Massachusetts Medical School, <sup>2</sup>Alpert Medical School of Brown University, Rhode Island Hospital, <sup>3</sup>Rhode Island Hospital

#### **Children and Adolescents**

## 65. Validation of the Resilience Scale for Adolescents (READ) in Mexico

Norma Ruvalcaba, PhD<sup>I</sup>, **Julia Gallegos, PhD<sup>2</sup>,** Diana Villegas, MA<sup>3</sup> <sup>I</sup>University of Guadalajara, <sup>2</sup>University of Monterrey, <sup>3</sup>University Iberoamericana

#### 66. Predictors of Attention Bias in Anxious and Non-Anxious Youth: Physiological Arousal and Somatic Complaints

*Michelle Rozenman, PhD, John Piacentini, PhD, ABBP University of California, Los Angeles* 

67. The Effect of Cognitive-Behavior Therapy on Implicit and Explicit Self-Schemas Among Adolescent Girls With Depressive Symptoms Daan Creemers, PhD GGZ Oost Brabant

#### **68. Culturally Protective Factors in the Relation Between Child Emotionality and Worry Symptoms**

*Colette Szabo-Long, BA,* Allyn Richards, MA, Jenny Petrie, MA, Janet Woodruff-Borden, PhD University of Louisville

#### **College Students**

69. Do Mental Health-Related Beliefs Predict Treatment Utilization? A Cross-Sectional Examination in a Diverse College Student Sample Sarah Krill Williston, MA, Lizabeth Roemer, PhD University of Massachusetts Boston

#### **Comorbid Disorders**

#### 70. Anxiety-Related Dysregulation of Emotional Processing Circuitry in Adolescents With ADHD

C. John Wegman, BS, Heidi K. Schroeder, BA, Wade Weber, MS, L. Rodrigo Patino, MD, James C. Eliassen, PhD, Melissa P. DelBello, MD, **Jeffrey Robert Strawn, MD** University of Cincinnati

#### 7I. Do Obsessions and Compulsions Exist Across Diagnostic Categories Among Patients in a Partial Hospital Program?

Andri S. Bjornsson, PhD<sup>I</sup>, Inga D. Wessman, MS<sup>I</sup>, Maya Alexandri, MA<sup>2</sup>, Joan Jou, MA<sup>2</sup>, Lauren P. Wadsworth, MA<sup>2</sup>, Courtney Beard, PhD<sup>3</sup>, Maria Thorgeirsdottir, Other<sup>2</sup>, Sarah Krill Williston, MA<sup>2</sup>, Stephanie Jarvi, MA<sup>2</sup>, Sarah B. Danitz, MA<sup>2</sup>, Josephine Lee, BS<sup>2</sup>, Thröstur Björgvinsson, PhD<sup>3</sup> 'University of Iceland, <sup>2</sup>McLean Hospital, <sup>3</sup>McLean Hospital/Harvard Medical School

#### 72. Associations Between Personality Disorders and Trauma-Related Psychopathology in an Urban, Minority Population

Brittney P. Innocente, BS<sup>1</sup>, Bekh Bradley, PhD<sup>2</sup>, Kerry Ressler, MD, PhD<sup>2</sup>, Abigail Powers, PhD<sup>2</sup> <sup>1</sup>Grady Trauma Project, <sup>2</sup>Emory University

#### Depression

#### 73. Exploring the Role of Homeostatic Drive in the Perpetuation of Depression and Anxiety Disorders

Jonathan T. Toole, PhD<sup>I</sup>, Travis J. A. Craddock, PhD<sup>I</sup>, Mark A. Rice, Jr., BS<sup>2</sup>, Gordon Broderick, PhD<sup>I</sup>, Mary Ann Fletcher, PhD<sup>I</sup>, Mariana Morris, PhD<sup>I</sup> 'Nova Southeastern University, <sup>2</sup>Florida International University

#### 74. Perceptions of Potential Benefit or Harm of Treatments for Depression and Anxiety

*Meghan E. Hills, BS,* Lucas Kelberer, BS, Tony T. Wells, PhD Oklahoma State University

#### 75. Constitutively Active Glycogen Synthase Kinase-3 Impairs Cognitive Task Performance in Mice

Marta Pardo, PhD, Eleonore Beurel, PhD, **Richard S.** Jope, PhD University of Miami

#### 76. Attention Control Deficits Mediate the Association Between Temperament and Rumination in Children

*Kimberly T. Stevens, MA,* Dagong Ran, BA, Alana Curewitz, MA, Travis Rogers, BA, Dylann Wilkinson, Sarah J. Kertz, PhD Southern Illinois University

#### 77. Heated Yoga as a Treatment for Fatigue and Cognitive and Physical Functioning for Adults With Depressive Symptoms

Adrienne Jaeger, BA<sup>I</sup>, David Mischoulon, MD, PhD<sup>I</sup>, Daniel Ju Hyung Kim, BA<sup>I</sup>, Chris Streeter, MD<sup>2</sup>, Maurizio Fava, MD<sup>I</sup>, Maren Nyer, PhD<sup>I</sup> <sup>I</sup>Massachusetts General Hospital, <sup>2</sup>Boston University School of Medicine

#### 78. Heated Yoga as a Novel Treatment for Comorbid Symptoms of Insomnia in Adults With Depressive Symptoms

Daniel Ju Hyung Kim, BA, Maren Nyer, PhD, Matt Bianchi, MD, PhD, Susannah R. Parkin, BA, Maurizio Fava, MD, David Mischoulon, MD, PhD Massachusetts General Hospital/Harvard Medical School

# **79. Yoga Utilization for the Treatment of Depression in Men and Women**

Susannah Parkin, BA, Maren Nyer, PhD, Adrienne Jaeger, BA, Jonathan Alpert, MD, PhD, Maurizio Fava, MD, David Mischoulon, MD, PhD Massachusetts General Hospital

#### 80. Exploring Attrition Rates in Clinical Trials of Depression: Yoga Compared to Antidepressant Treatments

Laura Curren, MA<sup>I</sup>, Susannah Parkin, BA<sup>I</sup>, Maren Nyer, PhD<sup>I</sup>, Daniel Ju Hyung Kim, BA<sup>I</sup>, Chris Streeter, MD<sup>2</sup>, David Mischoulon, MD, PhD<sup>I</sup> <sup>I</sup>Massachusetts General Hospital, <sup>2</sup>Boston University School of Medicine

# POSTER SESSION 2 6:00 PM - 7:30 PM

#### **8I. Postpartum Depression Risk Factors for Disease Development**

Francisco A. C. Mendonça, PhD<sup>I</sup>, Rayane S. O. Silva, Other<sup>I</sup>, Ana P. S. Silva, PhD<sup>I</sup>, Meyssa Q. F. Cavalcante, PhD<sup>I</sup>, Laurineide F. D. Cavalcante, PhD<sup>I</sup>, Luis R. L. Sampaio, PhD<sup>I</sup>, Cleoneide P. O. Pinheiro, PhD<sup>2</sup>, Marilyn K. Nations, PhD<sup>3</sup>

<sup>I</sup>Faculdades Nordeste, Fortaleza-Ceara, Brazil, <sup>2</sup>Conselho Nacional de Saúde - Ministério da Saúde, <sup>3</sup>Universidade de Fortaleza

#### 82. A Randomized Pilot Study of Maintenance **Neurostar Transcranial Magnetic Stimulation (TMS)** in Patients With Major Depression

Sheila M. Dowd, PhD<sup>1</sup>, Noah S. Philip, MD<sup>2</sup>, David L. Dunner, MD<sup>3</sup>, Scott T. Aaronson, MD<sup>4</sup>, David G. Brock, MD<sup>5</sup>, Mark S. George, MD<sup>6</sup>

<sup>1</sup>Rush University Medical Center, <sup>2</sup>Butler Hospital, <sup>3</sup>Center for Anxiety and Depression, <sup>4</sup>Sheppard-Pratt Health System, <sup>5</sup>Neuronetics Inc, <sup>6</sup>Medical University of South Carolina

#### 83. Sleep Disturbances and Self-Injurious Behavior in a Clinical Sample

Chelsea R. Ennis, BA, Nicole A. Short, BA, Thomas E. Joiner, PhD, Jeanette Taylor, PhD Florida State University

#### 84. Impact of Baseline Depression and Happiness on Subsequent Well-being in Cardiac Patients

Julia Craner, PhD, Kristin Vickers Douglas, PhD, Ross Dierkhising, MS, Julie Hathaway, MS, Kashish Goel, MD, Randal J. Thomas, MS Mayo Clinic

#### 85. Depression Treatment-Information Needs and Preferences in the General Public: What, Who, and How?

Matthew T. Bernstein, BA, Kathryn A. Sexton, PhD, Alan Katz, MD, John R. Walker, PhD, Mobilizing Minds Research Group University of Manitoba

#### 86. Attentional Disengagement in Remitted Depression

Desirae N. Vidaurri, MA<sup>I</sup>, K. Lira Yoon, PhD<sup>2</sup> <sup>1</sup>University of Maine, <sup>2</sup>University of Notre Dame

87. Excess Cost of Non-Remission Compared to **Remitted Outpatients With Major Depressive** Disorder

Jong-Min Woo, MD, MPH', JooEon Park, MD<sup>2</sup>, JinPyo Hong, MD<sup>3</sup>, HongJin Jeon, MD<sup>3</sup> Ilnje University Seoul Paik Hospital, <sup>2</sup>Keyo Hospital, Uiwang, <sup>3</sup>Samsung Seoul Hospital

#### 88. Is It Safe to Conduct Antidepressant Medication Washout in Treatment-Resistant Depression (TRD)?

Kyle A. Lapidus, MD, PhD<sup>1</sup>, David Rosenthal, BA<sup>2</sup>, Richard Koch, Dan V. Iosifescu, MD<sup>2</sup>, James W. Murrough, MD<sup>2</sup>, Rayan K. Al Jurdi, MD<sup>4</sup>, Sanjay J. Mathew, MD<sup>5</sup>

Stony Brook University, <sup>2</sup>Icahn School of Medicine at Mount Sinai, <sup>3</sup>Tufts University, Medford, MA, <sup>4</sup>Michael E. DeBakey Veterans Affairs Medical Center and Baylor College of Medicine, <sup>5</sup>Baylor College of Medicine and Michael E. DeBakey VA Medical Center

#### 89. Dopaminergic Enhancement Leads to Improved **Neural Response to Reward in Major Depression**

Miranda L. Beltzer, BA, Roee Admon, PhD, David Olson, MD, PhD, Gordana Vitaliano, MD, Franziska K. Goer, BS, Diego A. Pizzagalli, PhD McLean Hospital

#### 90. Who Needs Treatment?

Lorenzo Lorenzo-Luaces, MA, Robert J. DeRubeis, PhD

University of Pennsylvania

#### 91. Internet-Based Cognitive-Behavioral Therapy Is **Associated With Symptom Reduction and Cognitive Restructuring in Adults With Major Depressive** Disorder

Jennifer L. Buchholz, BA<sup>I</sup>, Isabelle M. Rosso, PhD<sup>I</sup>, Elizabeth A. Olson, PhD<sup>1</sup>, William DS Killgore, PhD<sup>2</sup>, Rena Fukunaga, PhD<sup>I</sup>, Christian A. Webb, PhD<sup>I</sup>, Scott L. Rauch, MD<sup>I</sup>

<sup>1</sup>McLean Hospital, <sup>2</sup>University of Arizona

#### 92. Glutamine-Supplement Diet Attenuates **Depressive-Like Behaviors and Reduction in Glutamine Level of Prefrontal Cortex in Chronic** Immobilization Stress-Induced Depression Mouse Model

Hyeonwi Son, PhD<sup>I</sup>, Soonwoong Jung, MS<sup>I</sup>, Dong Hoon Lee, MD, PhD<sup>I</sup>, Gu Seob Roh, MD, PhD<sup>I</sup>, Sang Soo Kang, PhD<sup>I</sup>, Gyeong Jae Cho, MD, PhD<sup>I</sup>, Wan Sung Choi, PhD<sup>I</sup>, Hyun Joon Kim, PhD<sup>2</sup>

School of Medicine, Gyeongsang National University, <sup>2</sup>Gyeongsang National University Medical School

# SATURDAY, APRIL 11

### 93. Influence of Emotional Feedback on Working Memory of Depressed Patients With or Without Suicide Attempts

*Kyoung-Uk Lee, MD, PhD*<sup>1</sup>, Haesoo Kim, BA<sup>2</sup>, Hyang Sook Kim, PhD<sup>2</sup>

<sup>1</sup>Uijeongbu St. Mary's Hospital, The Catholic University of Korea, College of Medicine, <sup>2</sup>Sogang University

### 94. Elevated Serum Amyloid a in Depressive Patients and Its Potential Use as a Clinical Biomarker

Analise S. Nagendra, BS<sup>1</sup>, Sarah Keaton, MS<sup>1</sup>, Elena Bryleva, PhD<sup>2</sup>, LeAnn Smart, BS<sup>3</sup>, Scott Halstead, MD<sup>3</sup>, Eric Achtyes, MD, PhD<sup>4</sup>, Lena Brundin, MD, PhD<sup>5</sup>

<sup>1</sup>Michigan State University, <sup>2</sup>Van Andel Institute, <sup>3</sup>Pine Rest Christian Mental Health Services, <sup>4</sup>Michigan State University; Pine Rest Christian Mental Health Services, <sup>5</sup>Michigan State University; Van Andel Institute

### 95. Safety and Efficacy of rTMS Using Summation of Electromagnetic Fields from a Two-Coil Array for Treatment-Resistant Major Depression

Paul E. Holtzheimer, MD<sup>1</sup>, Linda L. Carpenter, MD<sup>2</sup>, Scott T. Aaronson, MD<sup>3</sup>, Gregory N. Clarke, PhD<sup>4</sup>, Clark W. Johnson, MD<sup>5</sup>, William M. McDonald, MD<sup>6</sup>, Elizabeth L. Stannard, BS<sup>7</sup>, M Brett Schneider, MD<sup>7</sup> 'Geisel School of Medicine at Dartmouth, <sup>2</sup>Brown University, <sup>3</sup>Sheppard Pratt Health System, <sup>4</sup>Kaiser Permanente Research Center, <sup>5</sup>CRI Lifetree, <sup>6</sup>Emory University, <sup>7</sup>Cervel Neurotech

### 96. Predictors of Outcome for Telephone and Face-to-Face Administered Cognitive-Behavioral Therapy for Depression

*Colleen Stiles-Shields, MS,* Marya Corden, MPH, Mary J. Kwasny, Stephen M. Schueller, PhD, David C. Mohr, PhD Northwestern University

### 97. Sexual Victimization and Neural Response to Sexual Stimuli: The Moderating Role of Depression

Jessica A. Latack, MA, Alexandria Meyer, MA, Joanne Davila, PhD, Greg H. Proudfit, PhD Stony Brook University

### 98. Improvement in Depressive Symptoms, Adiposity, C-reactive Protein, and Insulin Sensitivity After Bariatric Surgery

**Dominique L. Musselman, MD**<sup>1</sup>, Neeta Shenvi, MS<sup>2</sup>, Amita Manatunga, PhD<sup>2</sup>, Edward Lin, MD<sup>3</sup>, Nana Gletu-Miller, PhD<sup>4</sup>

<sup>1</sup>University of Miami, <sup>2</sup>Emory University Rollins School of Public Health, <sup>3</sup>Emory University School of Medicine, <sup>4</sup>Purdue University College of Health and Human Sciences

## 99. Mothers' Depression, Attachment, and Neural Response to Child Emotion

**Rosalind D. Elliott, BA',** Marlissa C. Amole, BA', Jill M. Cyranowski, PhD<sup>2</sup>, Holly A. Swartz, MD<sup>i</sup>, Jennifer S. Silk, PhD<sup>i</sup>, Erika E. Forbes, PhD<sup>i</sup> <sup>1</sup>University of Pittsburgh, <sup>2</sup>Chatham University

### **Eating Disorders**

### IOO. Adult Picky Eaters: Obsessive-Compulsive Disorder Symptoms, Eating-Related Quality of Life, and Disgust Sensitivity

Hana F. Zickgraf, MA, Martin E. Franklin, PhD, Paul Rozin, PhD

University of Pennsylvania

### IOI. "I Am Old Enough to Know Better": A Qualitative Examination of Eating Disorders in Women Aged 30 Years and Older

*Christine A. Henriksen, MA,* Corey S. Mackenzie, PhD, Danielle Bouchard, PhD, Brooke E. Beatie, BA University of Manitoba

### **Exposure Therapy**

### IO2. latrogenic Effects of Virtual Reality-Assisted Exposure Therapy for Combat-Related PTSD

Sandra M. Neer, PhD<sup>I</sup>, Ashley M. Arens, PhD<sup>2</sup>, Deborah C. Beidel, PhD, ABBP<sup>I</sup>, Thien-An P. Le, BS<sup>I</sup> <sup>I</sup>University of Central Florida, <sup>2</sup>VA Medical Center

## 103. How Many Exposure Therapy Sessions Are Enough?

Benson G. Munyan, III, BS, Sandra M. Neer, PhD, Deborah C. Beidel, PhD, ABBP, Michael A, Gramlich, BA

University of Central Florida

# $\begin{array}{c} \textbf{POSTER SESSION 2} & \textbf{6:00 PM}-\textbf{7:30 PM} \end{array}$

### **Generalized Anxiety Disorder**

### 105. Post-Hoc Analyses of Anxiety Measures in Adult Patients With Generalized Anxiety Disorder Treated With Vilazodone

*Suresh Durgam, MD*<sup>1</sup>, Adam Ruth, PhD<sup>2</sup>, Xiongwen Tang, PhD<sup>1</sup>, Maju Mathews, MD<sup>1</sup>, Carl Gommoll, MS<sup>1</sup>, Arif Khan, MD<sup>3</sup>

<sup>1</sup>Forest Research Institute, <sup>2</sup>Prescott Medical Communications Group, <sup>3</sup>Northwest Clinical Research Center

### IO6. Efficacy and Safety of Vilazodone in Generalized Anxiety Disorder: A Randomized, Double-blind, Placebo-Controlled Trial

*Ken Kramer, PhD',* Michael E. Thase, MD<sup>2</sup>, Suresh Durgam, MD', Maju Mathews, MD', Giovanna Forero, MA', Rene Nunez, MD', Xiongwen Tang, PhD', Carl Gommoll, MS'

<sup>I</sup>Forest Research Institute, <sup>2</sup>University of Pennsylvania

### 107. Values Engagement as a Predictor of Sustained Treatment Gains Following Emotion Regulation Therapy

*Whitney Mhoon-Mock, BA*<sup>1</sup>, Megan E. Renna, BA<sup>2</sup>, David M. Fresco, PhD<sup>3</sup>, Richard G. Heimberg, PhD<sup>4</sup>, Douglas S. Mennin, PhD<sup>1</sup>

<sup>1</sup>Hunter College, City University of New York, <sup>2</sup>The Graduate Center, City University of New York, <sup>3</sup>Kent State University, <sup>4</sup>Temple University

### 108. Working Alliance Over Time Across an Acceptance-Based Behavioral Therapy and Applied Relaxation for Clients With Generalized Anxiety Disorder

**Amber L. Calloway, MA',** Sarah A. Hayes-Skelton, PhD', Lizabeth Roemer, PhD', Susan M. Orsillo, PhD<sup>2</sup> 'University of Massachusetts Boston, <sup>2</sup>Suffolk University

### Genetics

### 109. Reliability and Validity of the 20-Item Trait Fear Questionnaire Using a Genetically Informed Sample

Shannon E. Hahn, BS<sup>I</sup>, Dever M. Carney, BA<sup>I</sup>, Divya V. Patel, BS<sup>I</sup>, Jeanne E. Savage, BA<sup>I</sup>, Christopher J. Patrick, PhD<sup>2</sup>, John M. Hettema, MD, PhD<sup>I</sup>, Roxann Roberson-Nay, PhD<sup>I</sup>.

<sup>1</sup>Virginia Commonwealth University, <sup>2</sup>Florida State University

### **Health Anxiety**

IIO. The Role of Anxiety Sensitivity in Exercise Behavior Among Individuals High in Health Anxiety Emily M. O'Bryan, BS, Laura E. McLaughlin, BA, Alison C. McLeish, PhD University of Cincinnati

III. Locus of Control and Cervical Cancer Knowledge Hannah E. Morris, BA', Lisa Doane-Stines, PhD', Kelly McDonnell, PhD<sup>2</sup> 'Cleveland State University, <sup>2</sup>Western Michigan University

### Hoarding

### **II2. Traumatic Life Events and Hoarding: The Mediating Role of Emotion Dysregulation Amberly K. Portero, BS,** Amanda M. Raines, MS, Nicole A. Short, BA, Mary E. Oglesby, BS, Norman B. Schmidt, PhD Florida State University

II3. Hoarding Symptoms and Distractibility: Performance on a Novel Eye-Tracking Task Julia Y. Carbonella, MS, Kiara R. Timpano, PhD

University of Miami II4. The Association Between Negative Life Events, Hoarding Symptoms, and Hoarding Cognitions

*Elizabeth H. Rosenfield, BA', Kiara Timpano, PhD* <sup>1</sup>University of Miami, <sup>2</sup>University of Miami

### Mindfulness

### II5. The Development of Dispositional Mindful Awareness and Its Relation to Worry and Rumination in Spanish-Speaking Puerto Rican Adolescents and Young Adults

Lydia C. Rodríguez-Corcelles, BA, Frances M. Vega-Carrasquillo, Mónica C. Acevedo-Molina, Dimayra Rivera-López, BA, **Giovanni Tirado-Santiago, PhD** University of Puerto Rico

### II6. A Preliminary Investigation of the Relations Among Anxious Arousal, Mindfulness, and Emotion Regulation Skills and College Students' Engagement With School

Laura Grace Rollins, MA, Natalie Arbid, BA, Elizabeth H. Eustis, MA, Sarah Krill Williston, MA, Lizabeth Roemer, PhD University of Massachusetts Boston

# SATURDAY, APRIL 11

## II7. Does Mindfulness Predict Persistence in a Distressing Task?

Ashwin Gautam, BA<sup>1</sup>, Christopher Conway, PhD<sup>2</sup>, Michelle Craske, PhD<sup>2</sup> 'University of California, Los Angeles, <sup>2</sup>University of California, Los Angeles

### **Multicultural Issues**

II8. Cultural Moderators of Upbringing in Determining Help-Seeking Attitudes Among Young Adults With Anxiety and Depression Symptoms

**Carlos Salinas, BS,** Nicole Capriola, Susan W. White, PhD Virginia Tech

### II9. Sexual Orientation Concealment and Symptoms of Anxiety and Depression in Ethnic

Minority Gay and Bisexual Men Jeffrey M. Cohen, BA<sup>1</sup>, Michelle G. Newman, PhD<sup>2</sup>,

Craig Barr Taylor, MD<sup>3</sup> PGSP-Stanford University PsyD Consortium, <sup>2</sup>The

Pennsylvania State University, <sup>3</sup>Stanford University School of Medicine

### **Obsessive-Compulsive Disorder**

I2O. An Effectiveness Study of Group Cognitive-Behavior Therapy for Obsessive-Compulsive Disorder: An Assessment of Clinically Significant Change

Anthony M. Lombardi, MS, Paul Michael, PhD Pacific University School of Professional Psychology

### **121.** Components of Patient Adherence to Exposure and Response Prevention as Predictors of OCD Treatment Outcome

Michael G. Wheaton, PhD<sup>1</sup>, Ariana N. Dichiara, BA<sup>2</sup>, Edna B. Foa, PhD<sup>3</sup>, Helen Blair Simpson, MD, PhD<sup>4</sup> <sup>1</sup>Yeshiva University, <sup>2</sup>Columbia University, <sup>3</sup>University of Pennsylvania, <sup>4</sup> Columbia University/New York State Psychiatric Institute

### I22. Genetics of Symptom Dimensions of Obsessive-Compulsive Disorder and Familial Status of Obsessive-Compulsive and Related Disorders

*Margaret (Peggy) A. Richter, MD, FRCPC<sup>1</sup>, Gwyneth Zai, MD, FRCPC<sup>2</sup>, David Pauls, PhD<sup>3</sup>, Clement Zai, PhD<sup>2</sup>, Vanessa Goncalves, PhD<sup>2</sup>, James L. Kennedy, MD, FRCPC<sup>4</sup>* 

<sup>1</sup>Sunnybrook Health Sciences Centre, <sup>2</sup>Centre for Addiction and Mental Health, <sup>3</sup>Massachusettes

General Hospital and Harvard Medical School, <sup>4</sup>Centre for Addiction and Mental Health, University of Toronto.

### 123. 5-HTIB Receptor Availability and Pre-Pulse Inhibition in Obsessive-Compulsive Disorder: A Positron Emission Tomography Study

Thomas G. Adams, PhD, Michael Crowley, PhD, Jean-Dominique Gallezot, PhD, Linda Mayes, PhD, Nabeel Nabulsi, PhD, Hong Gao, MD, Richard Carson, PhD, Zubin Bhagwagar, MD, PhD, Christopher Pittenger, MD, PhD Yale University School of Medicine

### I24. Amplitude of Low-Frequency Fluctuation Correlates of Obsessive-Compulsive Symptoms: A Large Community-Based Study With Children and Adolescents Using Resting State fMRI

Marcelo Q. Hoexter, MD, PhD<sup>1</sup>, Claudinei Biazoli Jr, MD, PhD<sup>2</sup>, Pedro G. Alvarenga, MD, PhD<sup>3</sup>, Giovanni A. Salum, MD, PhD<sup>4</sup>, Ary Gadelha, MD, PhD<sup>5</sup>, Pedro M. Pan, MD<sup>5</sup>, Letícia Mancini-Martins, MS<sup>2</sup>, Felipe Picon, MD<sup>4</sup>, Mauricio Anés, PhD<sup>4</sup>, Luiz A. Rohde, MD, PhD<sup>4</sup>, Andreia P. Jackowski, PhD<sup>5</sup>, Rodrigo A. Bressan, MD, PhD<sup>5</sup>, Euripedes C. Miguel, MD, PhD<sup>3</sup>, Maria C. Rosário, MD, PhD<sup>5</sup>, João R. Sato, PhD<sup>2</sup>. 'University of São Paulo, <sup>2</sup>Universidade Federal do ABC, <sup>3</sup>University of São Paulo, <sup>4</sup>Universidade Federal do Rio Grande do Sul, <sup>5</sup>Universidade Federal de São Paulo

### **125. Attentional Bias to Symmetry and Cleaning** Features in Obsessive-Compulsive Disorder: A Pilot Study

*Maria Alice de Mathis, PhD*<sup>1</sup>, Giovanni Salum, MD, PhD<sup>2</sup>, Ivanil Moraes, BS<sup>3</sup>, Marina de Marco<sup>3</sup>, Maria Cecilia Toledo<sup>3</sup>, Guaraci Requena<sup>3</sup>, Rany Abend<sup>4</sup>, Yair Bar-Haim, PhD<sup>4</sup>, Euripedes Miguel, MD, PhD<sup>3</sup>, Roseli Shavitt, MD, PhD<sup>3</sup>

<sup>1</sup>São Paulo Medical School, <sup>2</sup>Federal University of Rio Grande do Sul, <sup>3</sup> University of São Paulo Medical School, <sup>4</sup>Tel Aviv University

### **126.** Attitudes Toward Obsessive-Compulsive Disorder in Individuals With a Psychiatric Diagnosis

*Christina J. Taylor, PhD', Diane E. Sholomskas, PhD<sup>2</sup>* 'Sacred Heart University, <sup>2</sup>Yale University School of Medicine

# $\begin{array}{c} \textbf{POSTER SESSION 2} & \textbf{6:00 PM}-\textbf{7:30 PM} \end{array}$

## **127.** The Impact of Ambiguous Feedback on the Progression of Urges to Wash

Joelle N. Soucy, BA<sup>1</sup>, Sarah E. Schell, BS<sup>2</sup>, Adam S. Radomsky, PhD<sup>2</sup> <sup>1</sup>University of Regina, <sup>2</sup>Concordia University

### **Panic Disorder**

### **128.** Predictors of Outcome in Veterans Who Completed Intensive Panic Control Treatment

*M. Leili Plasencia, PhD, M. Ashton Phillips, PhD,* Jessica L. Combs, PhD, Angela Smith, MA, Adriana J. Osegueda, BS, Ellen J. Teng, PhD Michael E. DeBakey VA Medical Center

## **129.** Panic Control Treatment Delivered in a Compressed Weekend Format: An Open Trial

*M. Leili Plasencia, PhD,* Emily L. Hiatt, PhD, Kathleen M. Grubbs, PhD, Melissa Beason-Smith, PhD, Ellen J. Teng, PhD Michael E. DeBakey VA Medical Center

### **I30. Underlying Features of Ataque De Nervios and Panic Disorder in Puerto Ricans**

**Carlos M. Morales-Rodriguez, MS**<sup>I</sup>, Polaris González, BS<sup>2</sup>, Arnaldo Cruz, PhD<sup>I</sup>, Karen G. Martínez, MD<sup>I</sup> <sup>I</sup>University of Puerto Rico, <sup>2</sup>Ponce School of Medicine

### I3I. Ultra Long-term Follow-up of Panic Disorder Patients: Randomized 3 Years Treatment With Clonazepam, Paroxetine, or Their Combination and Follow-up for Additional 6 Years

Antonio E. Nardi, MD, PhD, Rafael C. Freire, MD, PhD, Sergio Machado, PhD, Marina D. Mochcovitch, MD, Adriana C. Silva, PhD, Roman Amrein, MD Federal University of Rio de Janeiro

### **Pharmacotherapy**

### 132. New Sedative-Hypnotic Use in Older Adults: A Canadian Population-Based Study (1997-2013)

*Christine Leong, PharmD',* Murray W. Enns, MD', Jitender Sareen, MD', Silvia Alessi-Severini, PhD', Heather J. Prior, MS<sup>2</sup>, Dan Chateau, PhD<sup>2</sup> 'University of Manitoba, <sup>2</sup>Manitoba Centre for Health Policy, University of Manitoba

### **Phobias**

## 133. Treating Dental Phobia "Chairside" With iPads, Exposure, and D-Cycloserine

**Daniel W. McNeil, PhD**<sup>1</sup>, Andrew W. Goddard, MD<sup>2</sup>, Bryan D. Weaver, DDS<sup>1</sup>, Cristian Sirbu, PhD<sup>3</sup>, Laura M. Romito, DDS<sup>4</sup>, Gagan Kaushal, PhD<sup>5</sup> <sup>1</sup>West Virginia University, <sup>2</sup>University of California, San Francisco, <sup>3</sup>Charleston Area Medical Center, <sup>4</sup>Indiana University, Indianapolis, <sup>5</sup>Thomas Jefferson University

### Psychotherapy (ACT, CBT, DBT, etc.)

**I34. Instructed Fear Learning, Extinction, and Recall: Additive Effects of Cognitive Information on Emotional Learning of Fear** 

Arash Javanbakht, MD<sup>I</sup>, Elizabeth R. Duval, PhD<sup>2</sup>, Maria E. Cisneros, BS<sup>I</sup>, Stephan F. Taylor, MD<sup>I</sup>, Israel Liberzon, MD<sup>I</sup>

<sup>1</sup>University of Michigan, <sup>2</sup>University of Michigan

### **I35. Therapeutic Alliance and Treatment Response** in Cognitive-Behavioral Therapy for Puerto Rican Adolescents: A Pilot Study

**Natalie Rodriguez-Quintana, MPH**<sup>'</sup>, Guillermo Bernal, PhD<sup>2</sup>

<sup>I</sup>Indiana University, <sup>2</sup>University of Puerto Rico, Rio Piedras Campus

### PTSD

### **I36.** Child Anxiety and Hyperarousal Symptoms Are Correlated With Skin Conductance Responses to Loud Sounds

*Gabriella Robinson, BS',* Bekh Bradley, PhD<sup>2</sup>, Tanja Jovanovic, PhD<sup>1</sup>

<sup>I</sup>Emory University School of Medicine, <sup>2</sup>Atlanta VA Medical Center

### 137. Trauma Exposure, Psychopathology, and Chronic Medical Illness in Urban Primary Care Patients

**Rachel Gluck, MS,** Abigail Powers, PhD, Cliff Lin, MD, Leah Habib, MD, Kerry Ressler, MD, PhD, Charles F. Gillespie, MD, PhD Emory University School of Medicine

## **I38.** The Effects of Anxiety Sensitivity on Cognitive Flexibility in a Traumatized Population

Sindhuja Surapaneni, BS, Michaela Desrosiers, BS, Dorthie Cross Mokdad, MA, Abigail Powers Lott, PhD, Bekh Bradley, PhD, Negar Fani, PhD Emory University School of Medicine

### I39. Using Wireless Skin Conductance Monitoring to Assess Objective Reactivity During Imaginal Exposure for PTSD: Preliminary Findings

**Bethany Wangelin, PhD,** Peter Tuerk, PhD Ralph H. Johnson Veterans Affairs Medical Center

# SATURDAY, APRIL 11

#### **I40.** Does Anger Predict Early Therapeutic Alliance or Attrition in Treatment for Posttraumatic Stress Disorder (PTSD)?

Jessica Flores, BA<sup>I</sup>, Ximena Radjenovic, MS<sup>I</sup>, Andrew A. Cooper, PhD<sup>I</sup>, Norah C. Feeny, PhD<sup>I</sup>, Lori A. Zoellner, PhD<sup>2</sup> 'Case Western Reserve University, <sup>2</sup>University of Washington

### **141. Investigation of the Relation Between PTSD Symptoms, Self-Compassion, and Social Support** *Anne Maheux, Matthew Price, PhD*

University of Vermont

### I42. The Impact of Trauma History and Combat-Related Stressors on PTSD Severity Among Active Duty Military Personnel

*Carmen McLean, PhD',* Brooke Fina, PhD<sup>2</sup>, Edna Foa, PhD', Alan Peterson, PhD<sup>2</sup> 'University of Pennsylvania, <sup>2</sup>The University of Texas Health Science Center at San Antonio

### **I43. Reemergence of PTSD Symptoms in Older U.S. Veterans: Results From the National Health** and Resilience in Veterans Survey

Natalie Mota, PhD<sup>I</sup>, Jack Tsai, PhD<sup>2</sup>, Steven Southwick, MD<sup>3</sup>, Robert Pietrzak, PhD<sup>3</sup> 'Yale University School of Medicine; National Center for Posttraumatic Stress Disorder, Clinical Neurosciences Division, VA Connecticut Healthcare System, <sup>2</sup>VISN I New England MIRECC; Yale University School of Medicine, <sup>3</sup>National Center for Posttraumatic Stress Disorder, Clinical Neurosciences Division, VA Connecticut Healthcare System; Yale University School of Medicine

### I44. Cognitive Interference Deficits as a Familial Vulnerability Factor in Posttraumatic Stress Disorder: A Monozygotic Twin Study

Mary K. Dahlgren, BA<sup>I</sup>, Michael Van Elzakker, MS<sup>I</sup>, Lindsay K. Staples-Bradley, BA<sup>2</sup>, Stacey J. Dubois, MA<sup>3</sup>, Katherine C. Hughes, BA<sup>4</sup>, Natasha B. Lasko, PhD<sup>5</sup>, Reid Offringa, PhD<sup>I</sup>, Lauren M. Laifer, Other<sup>I</sup>, Rachel E. Korus, OtherI, Lisa M. Sangermano, Other<sup>I</sup>, Julia A. Russell, Other<sup>I</sup>, Navneet Kaur, BS<sup>I</sup>, Scott P. Orr, PhD<sup>5</sup>, Roger K. Pitman, MD<sup>5</sup>, Lisa M. Shin, PhD<sup>I</sup> <sup>1</sup>Tufts University, <sup>2</sup>University of California Los Angeles, <sup>3</sup>University of New England, <sup>4</sup>Harvard T. H. Chan School of Public Health, <sup>5</sup>Massachusetts General Hospital

### **145.** Mediation of Deployment Preparedness on the Association Between Augmentee Status and PTSD Symptoms in Reserve and National Guard Members

Jing Wang, PhD<sup>I</sup>, Robert, J. Ursano, MD<sup>I</sup>, Carol Fullerton, PhD<sup>I</sup>, Holly Ramsawh, PhD<sup>I</sup>, Dale Russell, PhD<sup>I</sup>, Natasha Benfer, BS<sup>I</sup>, Greg Cohen, MS<sup>2</sup>, Laura Sampson, BA<sup>2</sup>, Sandro Galea, MD<sup>2</sup> <sup>I</sup>Uniformed Services University of the Health Sciences, <sup>2</sup>Columbia University

### **I46. Heart of a Solider: Relationships Between Combat Exposure, PTSD, Autonomic Regulation, and Cardiovascular Health in Veteran Populations Ashley N. Stillman, BA**<sup>1</sup>, Robin L. Aupperle, PhD<sup>1</sup>, Jason-Flor V. Sisante, MS<sup>2</sup>, David Wilson, BS<sup>2</sup>, Sandra A. Billinger, PhD<sup>2</sup>

<sup>1</sup>Laureate Institute for Brain Research, <sup>2</sup>University of Kansas Medical Center

### **147. Early Treatment Withdrawal From Evidence-Based Psychotherapy for PTSD: Telemedicine and In-Person Parameters**

**Melba Hernandez-Tejadal,** Ronald Acierno, PhD<sup>2</sup>, Martina Radic, MS<sup>3</sup>, Stephanie Ziegler, BA<sup>3</sup> 'Medical University of South Carolina, <sup>2</sup>Medical University of South Carolina, <sup>3</sup>VA Ralph Johnson Hospital

### I48. A Pilot Analysis of the Effect of Past Traumatic Events on the Neuroendocrine-Immune System and Behavior in Male Veterans With Gulf War Illness

*Gaytri Patel Barker, MS,* Trevor Barker, MS, Travis J.A. Craddock, PhD, Mary Ann Fletcher, PhD, Nancy G. Kilmas, MD, Gordon Broderick, PhD, Mariana Morris, PhD Nova Southeastern University

# **POSTER SESSION 2** 6:00 PM - 7:30 PM

### 149. Factor Structure and Psychometric Properties of the Connor-Davidson Resilience Scale (CD-RISC) Among Veterans Seeking Treatment for Posttraumatic Stress Disorder

*Kristen Lamp, PhD',* Rebecca K. Sripada, PhD<sup>2</sup>, Kelly Knowles, BA<sup>3</sup>, Sheila A. M. Rauch, PhD, ABPP<sup>2</sup> 'James A. Haley VA Medical Center, <sup>2</sup>VA Ann Arbor Healthcare System and University of Michigan, <sup>3</sup>VA Ann Arbor Healthcare System

### 150. Individual Versus Group Cognitive Behavioral Interventions for Posttraumatic Stress Disorder: A Meta-analytic Review

Jordan Snow, MS, Maria El-Tahch, MS, Stephen Messer, PhD Nova Southeastern University

### 151. Behavioral Problems in Children of World Trade Center Responders

Huifen Feng, MD<sup>I</sup>, Robert H. Pietrzak, PhD<sup>2</sup>, Clyde B. Schechter, MD<sup>3</sup>, Janice Rodriguez, BA<sup>I</sup>, Ryan Salim, BA<sup>I</sup>, Leo Cancelmo, BA<sup>I</sup>, Adriana Feder, MD<sup>I</sup> 'Icahn School of Medicine at Mount Sinai, <sup>2</sup>Yale University School of Medicine, <sup>3</sup>Albert Einstein College of Medicine of Yeshiva University

### I52. Prior-Year Alcohol Use Increases Posttraumatic Symptom Burden One Month Post-Trauma in a Prospectively Recruited Emergency Department Cohort

Jonathan P. Zebrowski, BA, Barbara O. Rothbaum, PhD, ABPP, Vasiliki J. Michopoulos, PhD, Thomas M. Crow, MA, Kerry J. Ressler, MD, PhD Emory University School of Medicine

### **I53. Predator Stress Combined With Extinction-Reinstatement as an Animal Model of Posttraumatic Stress Disorder Comorbid With Cocaine Addiction**

*Natalie A. Hadad, MA,* Marek Schwendt, PhD, Helmut Hiller, MS, Eric Krause, PhD, Lori A. Knackstedt, PhD University of Florida

### **154. Skin Conductance Response Following Trauma Correlates to PTSD Symptom Severity**

**Rebecca Roffman, MS,** Vasiliki Michopolous, PhD, Devika Fiorillo, PhD, Kerry Ressler, MD, PhD, Tanja Jovanovic, PhD Emory University

### 155. An Examination of Attentional Bias for Threat in Motor Vehicle Accident Survivors With Posttraumatic Stress Disorder

**Sophie Duranceau, MA,** R. Nicholas Carleton, PhD, Chris Oriet, PhD University of Regina

### I56. Acute Cannabinoid Agonist or Repeated Anandamide Hydrolysis Inhibitor Treatments Attenuate Long-lasting Consequences in a New Mouse Model of PTSD

Sabrina F. Lisboa, PhD, Laura H. Camargo, BA, Andréia L. da Silva, PhD, Leonardo B. Resstel, PhD, Francisco S. Guimarães, PhD University of São Paulo-Medical School of Ribeirão Preto

### 157. The Mediating Role of Emotion Dysregulation on PTSD and Child Abuse in Mothers With Trauma Exposure: Examining Correlates With Child Functioning

*Minhnguyen Cao, BS<sup>I</sup>,* Dorthie Cross, PhD<sup>2</sup>, Andrew Pallos, BS<sup>I</sup>, L. Alex Vance, MA<sup>2</sup>, Bianca Booker, BS<sup>3</sup>, Bekh Bradley, PhD<sup>2</sup>. <sup>I</sup>University of Georgia, <sup>2</sup>Emory University, <sup>3</sup>Mercer University

### **158. "I Find Hope in the Darkest of Days": Predictions of Posttraumatic Growth Based on Posttraumatic Stress Disorder Severity and Hopefulness**

Samantha C. Horswill, MA, Holly A. Parkerson, MA, Gordon J.G. Asmundson, PhD, R. Nicholas Carleton, PhD

University of Regina

### 159. The Relationship Between Changes in Coping Strategies and PTSD Symptoms in an Adult Trauma Population Presenting to the ED

**Devika Fiorillo, PhD,** Vasiliki J. Michopoulos, PhD, Rebecca Roffman, MS, Thomas Crow, MA, Kerry J. Ressler, MD, PhD, Barbara Rothbaum, PhD Emory University

### **Selective Mutism**

### 160. No More Silence: Group Cognitive-Behavioral Therapy for Children With Selective Mutism

**Sandra Mendlowitz, PhD',** Suneeta Monga, MD<sup>2</sup>, Brittany Rosenbloom, BA<sup>3</sup>, Azadeh Tanha, MS<sup>4</sup>. 'Hospital for Sick Children, <sup>2</sup>The Hospital for Sick Children, <sup>3</sup>The Hospital for Sick Children, <sup>4</sup>University of Toronto

# SATURDAY, APRIL 11

### **Social Anxiety Disorder**

### I6I. A Comparison of Automatic Approach-Avoidance Tendencies for Faces and Words in Social Anxiety Disorder

*Carl Bolano, BA*<sup>1</sup>, *Charles Taylor, PhD*<sup>2</sup> 'San Diego State University, <sup>2</sup>University of California, San Diego

### I62. The Effect of Receiving Positive Social Feedback on Subsequent Reward-Based Performance in Individuals With Social Anxiety Disorder

Sarah E. Knapp, MA, Charles T. Taylor, PhD University of California, San Diego

### 163. Impaired Facial Expression Recognition in Korean Patients With Social Anxiety Disorder: A Case Control Study

JinYi Jung, MD<sup>I</sup>, Woohyung Lee, MD<sup>I</sup>, Yunsin Kim, MD<sup>I</sup>, Sewon Lim, MD<sup>I</sup>, DongWon Shin, MD<sup>I</sup>, YoungChul Shin, MD<sup>I</sup>, KangSeob Oh, MD<sup>I</sup>, JuWon Ha, MD<sup>2</sup>, Jeong-Kyu Sagong, MD<sup>3</sup>

<sup>I</sup>Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, <sup>2</sup> Myongji Hospital, Koyang, <sup>3</sup>Dongguk University Gyeongju Hospital

### I64. Comparing Emotional Reactivity and Behavior Across Different Social Contexts in Social Anxiety Disorder: Common and Distinct Features

Angelica Estrada, BS, Charles T. Taylor, PhD University of California, San Diego

### **I65. Attention Training to Reduce Attention Bias: A Second Look Using Trial Level Bias Score**

**Sara M. Witcraft, BA'**, Michelle L. Davis, MA', Amit Bernstein, PhD<sup>2</sup>, Ariel Zvielli, MA<sup>2</sup>, Kristin Julian, MA<sup>3</sup>, Jasper A. J. Smits, PhD<sup>1</sup> 'The University of Texas at Austin, <sup>2</sup>University of Haifa, <sup>3</sup>Dallas VA Medical Center

### I66. Difficulty Disengaging From Threat Moderates the Link Between Social Anxiety and Behavioral Avoidance

*Travis C. Evans, BS',* Walukevich A. Katherine, BA', 'lana Seager, BA<sup>2</sup>, Brittany Tripp, BA', Julie Berhane, BA', Jennifer C. Britton, PhD' 'University of Miami, <sup>2</sup>Ohio State University

#### 167. Cognitive Reappraisal Moderates the Link Between Social Anxiety and Social Avoidance

Katherine A. Walukevich, BA<sup>I</sup>, Travis C. Evans, BS<sup>I</sup>, Ilana Seager, BA<sup>2</sup>, Brittany J. Tripp, BA<sup>I</sup>, Juliana F. Berhane, BA<sup>I</sup>, Jennifer C. Britton, PhD<sup>I</sup> <sup>I</sup>University of Miami, <sup>2</sup>Ohio State University

### **I68.** Affect Labeling Enhances Exposure Effectiveness for Public-Speaking Anxiety Andrea N. Niles, MA, Michelle G. Craske, PhD,

Matthew D. Lieberman, PhD University of California, Los Angeles

### 169. Friends' and Family's Social Support: Predictors of Social Anxiety in Hispanic Adolescents

Kathleen I. Diaz, BA, Sherilynn F. Chan, MS, Caroline J. Ehrlich, MS, Annette M. La Greca, PhD, ABPP University of Miami

### **Stress**

### I7O. Cultural Values as Protective Factors for Anxiety and Acculturative Stress in Mexican American Pregnant Women

Andrea Preciado, BA, Kimberly D'Anna-Hernandez, PhD

California State University, San Marcos

### I7I. The Role of Sociotropy and Autonomy in Girls' Greater Exposure to Interpersonal Stressors and Depressive Symptoms

Jessica L. Hamilton, MA', Jonathan P. Stange, MA', Lyn Y. Abramson, PhD<sup>2</sup>, Lauren B. Alloy, PhD<sup>i</sup> 'Temple University, <sup>2</sup>University of Wisconsin-Madison

### I72. Sociocultural Stressors Influence Infant Stress Reactivity Associated With Risk for Depressive Symptoms

**Berta E. Luis Sanchez**<sup>I</sup>, Kimberly D'Anna-Hernandez, PhD<sup>2</sup> <sup>I</sup>California State University, San Marcos, , <sup>2</sup>California State University, San Marcos

### 173. Dismantling the Effects of Mindfulness Meditation and Yoga on Mood and Heart Rate Variability

*Melissa G. Hunt, PhD,* Farah Al-Braiki, Shannon Dailey, Krystyna Simon, BA, Rachel Russel, BA University of Pennsylvania

# **POSTER SESSION 2** 6:00 PM - 7:30 PM

### **Substance Abuse**

### 174. Improving Mental Health Outcomes With Intimate Partner Violence Populations: Screening for Anxiety and Alcohol Use Is Key

**Sarah Henderson, BA**<sup>1</sup>, Nichole Vincent, MS<sup>2</sup>, Nicole Chung, MS<sup>2</sup>, Jennifer Wilson, MS<sup>2</sup>, Vincent Van Hasselt, PhD<sup>2</sup>

<sup>1</sup>Nova Southeastern University, <sup>2</sup>Nova Southeastern University

175. Behavioral-Cognitive Expressions of Anhedonic Tendencies Are Differentially Associated With the Recent Consumption of Alcohol, Cigarette, and Marijuana Among Latino and Non-Latino Adolescents: A Multi-Measure Investigation Jafar Bakhshaie, MD<sup>I</sup>, Michael J. Zvolensky, PhD<sup>I</sup>, Adam M. Leventhal, PhD<sup>2</sup> 'University of Houston, <sup>2</sup>University of Southern California

### **Suicide and Suicidal Ideation**

## **I76.** Investigating the Role of Acute Substance Use Across a Range of Suicidal Behaviors

*Michael D. Lee, BS',* Alexander J. Millner, MA<sup>2</sup>, Matthew K. Nock, PhD<sup>2</sup> 'The University of Texas at Austin, <sup>2</sup>Harvard University

### 177. Examining Clinicians Attitudes Toward Safety Planning With Youth at Risk for Suicide

Jazmin A. Reyes-Portillo, PhD<sup>1</sup>, Erica Chin, PhD<sup>2</sup>, Laura Mufson, PhD<sup>1</sup>, Prudence W. Fisher, PhD<sup>1</sup>, Madelyn S. Gould, PhD<sup>1</sup>, Laurence Greenhill, MD<sup>1</sup>, Moira A. Rynn, MD<sup>1</sup>

<sup>1</sup>New York State Psychiatric Institute/Columbia University College of Physicians and Surgeons, <sup>2</sup>Columbia University Medical Center/New York Presbyterian Hospital

### 178. An Observational Study of Bullying as a Contributing Factor in Youth Suicide in Toronto

*Mark Sinyor, MD, FRCPC,* Ayal Schaffer, MD, FRCPC, Amy H. Cheung, MD, FRCPC Sunnybrook Health Sciences Centre

### 179. Self-Referent Information-Processing Biases Prospectively Predict Suicidal Ideation in Adolescents

**Taylor A. Burke, BA',** Samantha L. Connolly, MA', Jonathan P. Stange, MA', Jessica L. Hamilton, MA', Lyn Y. Abramson, PhD<sup>2</sup>, Lauren B. Alloy, PhD' 'Temple University, <sup>2</sup>University of Wisconsin-Madison

### Technology

## **180.** Problematic Internet Use: Results From an Internet-Based Survey

*Michael Van Ameringen, MD,* William Simpson, BS, Beth Patterson, BS, Jasmine Turna, BS McMaster University

### Trauma

### **181. A Network Analysis of PTSD Symptoms After a** Mass Shooting

*Connor P. Sullivan, BA,* Andrew J. Smith, MA, Michael Hughes, PhD, Russell T. Jones, PhD Virginia Tech

## **182.** Personality Factors as Predictors of Distress Tolerance in a Trauma-Exposed Sample

*Nadia Chowdhury, BS,* Salpi Kevorkian, BA, Sage Hawn, BS, Ananda Amstadter, PhD, Danielle Dick, PhD, Erin C. Berenz, PhD Virginia Commonwealth University

### **183. Childhood Sexual Abuse Associated With Increased Non-Remission of Major Depressive Disorder Two Years Later**

*Mary C. Zeng, MD,* T.H. Eric Bui, MD, PhD, Benjamin Kovachy, BA, David Mischoulon, MD, PhD, Maurizio Fava, MD, Naomi M. Simon, MD Massachusetts General Hospital

## **184.** Altered Hippocampal Resting State Functional Connectivity in Posttraumatic Stress Disorder

Santiago Papini, MA, Spiro Pantazatos, PhD, Erel Shvil, PhD, Liat Helpman, PhD, J.J. Mann, MD, Yuval Neria, PhD New York State Psychiatric Institute

### **185. Genetic Resilience: A Novel SNP for Positive** Affect Predicts Enhanced Amygdala Responses to Positive Emotional Stimuli

*Jennifer S. Stevens, PhD,* Aliza Wingo, MD, Lynn M. Almli, PhD, Kerry J. Ressler, MD, PhD Emory University School of Medicine

### 186. The Effect of Emotional Coping Strategies on PTSD Symptoms: The Distinct Roles of Emotional Processing and Emotional Expression as Predictors for Symptom Severity

*Christina A. D'Ambrosio, BS,* Holly A. Parkerson, MA, Samantha C. Horswill, MA, R. Nicholas Carleton, PhD, Gordon J.G. Asmundson, PhD University of Regina

# SATURDAY, APRIL 11

### 187. The Factor Structure of the Posttraumatic Growth Inventory-Short Form in a Diverse Community Sample

*Gabrielle S. Desgagne, BA,* Holly A. Parkerson, MA, Samantha C. Horswill, MA, R. Nicholas Carleton, PhD, Gordon J.G. Asmundson, PhD University of Regina

### 188. Cross-sectional Examination of Trauma Exposure, Psychopathology, and Juvenile Incarceration in an Urban, African American Female Population

Andrew L. Pallos, BS, Maithri P. Vangala, BS, Abigail Powers, PhD, Bekh Bradley, PhD, Kerry Ressler, MD, PhD

Emory University

### 189. The Moderating Role of PTSD Symptom Severity in the Relationship Between Distress Tolerance and Alcohol Use

Salpi Kevorkian, BA, Nadia Chowdhury, BS, Emily Brown, MSW, Ananda Amstadter, PhD, Danielle Dick, PhD, Kenneth Kendler, PhD, Erin Berenz, PhD Virginia Commonwealth University

### Women

### 190. Being Kind to Yourself Under Pressure: Self-Compassion Is Indirectly Associated With Decreased Anxiety Sensitivity via Distress Tolerance

*Madeline M. Pantoni, BSI,* Lindsay B. Hopkins DeBoer, PhD<sup>2</sup>

The University of Texas at Austin, <sup>2</sup>San Francisco VA Medical Ce*nter* 

### 191. Electrophysiological Evidence of Gender Difference in Subliminal Processing of Fearful Faces

**Seung A Lee, MA**<sup>1</sup>, Miseon Shim, PhD<sup>2</sup>, SunKyung Yoon, MA<sup>3</sup>, Chai-Youn Kim, PhD<sup>4</sup>, Seung-Hwan Lee, MD, PhD<sup>5</sup>

<sup>1</sup>Clinical Emotion and Cognition Research Laboratory, Seoul, <sup>2</sup> Hanyang University, <sup>3</sup>Clinical Emotion and Cognitive Research Laboratory, Goyang, <sup>4</sup>Korea University, Seoul, <sup>5</sup>Inje University, Ilsan-Paik Hospital

### **GROUP POSTER SESSION PRESENTATIONS**

GROUP POSTER 320-Adaptive and Maladaptive Cognitive Processes in Anxiety Disorders: Implications for CBT

Chair: Lauren P. Wadsworth, MA, University of Massachusetts Boston

**192. Exploring Cognitive Processes in Individuals** With and Without Social Anxiety Disorder Surrounding a Speech Task Lauren P. Wadsworth, MA, University of

Massachusetts Boston

**193. Self-Focused Attention and Safety Behaviors Across Group Therapy for Social Anxiety Disorder Amanda J. Desnoyers, MA,** Wilfrid Laurier University

### 194. The Use of the Mirror Tracing Persistence Task as a Marker of Distress Tolerance in Generalized Anxiety Disorder

Megan E. Renna, BA, CUNY Graduate Center Discussant: Richard G. Heimberg, PhD, Temple University

### GROUP POSTER 323-Novel Approaches to the Measurement of Distress Tolerance

Chair: Aaron M. Norr, MS, Florida State University

#### 201. Dissociation and Anxiety Sensitivity: A New Challenge Paradigm Aaron M. Norr, MS, Florida State University

### 202. Novel Perceptual Illusion Exposure Exercises for Anxiety Sensitivity Cognitive Concerns

**Daniel W. Capron, MS,** University of Mississippi Medical Center

### **203. Development and Evaluation of a Behavioral Measure of Intolerance of Uncertainty** *Richard J. Macatee, MS, Florida State University*

#### 204. Negative Feelings Following Exercise Testing as a Predictor of Smoking-Quit Attempts in Anxious Smokers

Johnna Medina, MA, The University of Texas at Austin

205. Disentangling Relations Between Anxiety Sensitivity and Distress Tolerance and Their Relations to Fear, Distress, and Alcohol and Substance Use Disorders Nicholas P. Allan, MS, Florida State University

## GROUP POSTER 352-Interpretation Biases in Children and Adolescents

Chair: Eni S. Becker, PhD, Radboud University

# **POSTER SESSION 2** 6:00 PM - 7:30 PM

## **209. Specific Interpretation Biases in Girls With Symptoms of Social Anxiety and Spider Fear**

**Eni S. Becker, PhD**<sup>1</sup>, Laura Sheridan Pass, MA<sup>1</sup>, Shirley Reynolds, PhD<sup>2</sup>, IRadboud University, <sup>2</sup>University of East Anglia

**210. Interpretation Bias in Children With Symptoms of Generalized Anxiety Disorder** *Mike Rinck, Radboud University*  **2II. Interpretation and Attentional Biases in Clinically Anxious Youth and Their Mothers** *Kristy Benoit Allan, PhD, University of Pittsburgh* 

## 212. Interpretation Bias in Depressed and Nondepressed Adolescents

*Faith Orchard, MA,* University of Reading Discussant: *Shirley Reynolds, PhD,* University of Reading



Please join the ADAA Network on Psychwire, a new social media site for researchers, practitioners, and allied professionals of mental health and behavioral science.

You'll be connected to a global community that will share resources and promote lively discussion of the understanding, treatments, and specific interventions involving anxiety and depression. **Sign up here: www.psychwire.org/Login** 



# SUNDAY, APRIL 12

7:30 AM - 9:00 AM

Continental Breakfast (Promenade-Terrace Level)

### 7:30 AM – 8:30 AM Genetics and Neuroscience Special Interest Group Meeting (Tuttle South)

Integrating Genetics and Neuroscience Approaches to Anxiety, Depression, and Related Disorders

Rajendra Morey, MD, Duke University, summarizes imaging research in the PGC-PTSD group. Kerry Ressler, MD, PhD, Emory University, presents updates on the PGC-PTSD group. Jack Hettema, MD, PhD, Virginia Commonwealth University, presents updates on the ANX GWAS consortium.

Open discussion: future directions for this special interest group.

### 8:00 AM - 1:00 PM Registration Open

### 8:30 AM - 9:30 AM

II5–Special Considerations in Treating Anxiety and Depression in College-Age Young Adults Across a Continuum of Care (Orchid A/B)

Chair: Avital Falk, PhD, Weill Cornell Medical College John T. Walkup, MD, Weill Cornell Medical College; Anne Marie Albano, PhD, Columbia University Medical Center; Adam B. Lewin, PhD, University of South Florida College of Medicine; Laura L. Braider, PhD, North Shore-LIJ Hospital System

### 8:30 AM - 10:00 AM

I33–Beyond Anxiety: Extending the Clinical Applications of the Unified Protocol for Transdiagnostic Treatment of Emotional Disorders (*Hibiscus A*)

Chairs: David H. Barlow, PhD, and Todd J. Farchione, PhD, Boston University

A Unified Transdiagnostic Treatment for Emotional Disorders: Introduction and Conceptual Overview **David H. Barlow, PhD,** Boston University Application of the Unified Protocol (UP) to the Treatment of Primary Depression: A Case Presentation

Laren R. Conklin, PhD, Boston University Transdiagnostic Treatment of Bipolar Disorder and Comorbid Anxiety With the Unified Protocol

Kristen K. Ellard, PhD, Boston

University/Massachusetts General Hospital The Unified Protocol (UP) for the Treatment of Borderline Personality Disorder and Comorbid Mood and Anxiety Disorders: Case Presentation and Preliminary Data

Shannon Sauer-Zavala, PhD, Boston University Expanding the Utility of Transdiagnostic Treatments: The Unified Protocol for Transdiagnostic Treatment of Emotional Disorders in Group Format

### Jacqueline R. Bullis, MA

## **3I7–Recent Developments in Research on the Neural Circuitry of PTSD (***Orchid C***)**

**Chair: Jeffrey M. Spielberg, PhD,** VA Boston Healthcare System/Boston University School of Medicine

Brain Network Disturbance Related to Posttraumatic Stress & Traumatic Brain Injury in OEF/OIF Veterans

Jeffrey M. Spielberg, PhD Neurobiological Indicators of Disinhibition in Posttraumatic Stress Disorder

Naomi Sadeh, PhD, VA Boston Healthcare

System/Boston University School of Medicine Cognitive Dysfunction in Combat Veterans Is Related to Attenuated Dorsal ACC Activation During Interference Processing

**Robin L. Aupperle, PhD,** University of Kansas and University of Kansas Medical Center

Neural Markers of Emotion Dysregulation in Acute Trauma Survivors Predict Chronic PTSD Christine Larson, PhD, University of Wisconsin-Milwaukee

Brain Responses to Ambiguous Facial Expressions in Posttraumatic Stress Disorder Michael B. VanElzakker, MA, Tufts University

### 8:30 AM – 10:30 AM I30-The Role of ASDs in Treatment Co-Occurring Conditions: Complicating Comorbidities (Tuttle North)

**Rebecca Sachs, PhD,** Fay J. Lindner Center for Autism and Midtown CBT **Michele Iemolo, MS, BCBA,** Fay J. Lindner Center for Autism

### **I73–Ethics in Practice: The Importance of Informed Consent (Tuttle Center)**

Patrick B. McGrath, PhD, Alexian Brothers Behavioral Health Hospital Jeffrey E. Barnett, PhD, Loyola University Maryland Simon A. Rego, PsyD, Montefiore Medical Center

### 207–Values Clarification and Action in Acceptance-Based Behavioral Therapy: Helping Anxious Clients Reclaim Their Lives (Orchid D)

**Lizabeth Roemer, PhD,** University of Massachusetts Boston

### 30I–What Will RDoC Studies of Negative Valence Systems Tell Us About Anxiety and Depression? (Tuttle South)

**Chairs: John Hettema, MD, PhD,** Virginia Commonwealth University and Scott Langenecker, PhD, University of Illinois at Chicago

A Juvenile Twin Study of Negative Valence Endophenotypes

John Hettema, MD, PhD, Virginia Commonwealth University

A Genetically Informed Study of the Moderating Effects of Age on Markers of CO2 Hypersensitivity

Roxann Roberson-Nay, PhD, Virginia Commonwealth University

Deriving and Validating Measures of Negative Valence Systems in Children

Harold H. Goldsmith, PhD, University of Wisconsin-Madison

Family Study of Threat and Reward Sensitivity in Internalizing Psychopathology

**Stewart Shankman, PhD,** University of Illinois at Chicago

Dimensional Measurement of Fear to Acute Threat in Any Mood Disorder

Scott Langenecker, PhD, University of Illinois at Chicago

A Translational Model of Negative Emotion States Leanne Williams, PhD, Stanford University

An RDoC Dimensional Classifier? From Fear to Anxious Misery

**Peter Lang, PhD,** University of Florida Discussant: **Holly Garriock, PhD,** National Institute of Mental Health

### 340–Updates in Understanding Body Dysmorphic Disorder: Treatment Advances and Research on Co-occurring Suicidality (Brickell North)

**Chair: Kiara Timpano, PhD,** University of Miami Pharmacotherapy Relapse Prevention in Body Dysmorphic Disorder: Background, Rationale, and Open Trial Outcomes

Sabine Wilhelm, PhD, Massachusetts General Hospital/Harvard

Pharmacotherapy Relapse Prevention in Body Dysmorphic Disorder: Phase II Results

Katharine Phillips, MD, Brown University Body Dysmorphic Disorder Symptoms and Risk for Suicide: The Role of Depression and Distress Tolerance

Ashley M. Shaw, MS, University of Miami An Explicit and Implicit Examination of the Role of Anxiety Sensitivity on Suicidality in BDD and OCD Amanda W. Calkins, PhD, Corinna M. Elliott, PhD, Lauren S. Hallion, PhD, Naomi M. Simon, MD, MSc, Sabine Wilhelm, PhD, Massachusetts General Hospital/Harvard Medical School Discussant: Matthew V. Rudorfer, MD, National Institute of Mental Health

### 362–Moving Beyond Threat Responses to Unambiguous Cues of Certain Danger for Studies Investigating Fear-Related Abnormalities in Clinical Anxiety (Brickell South)

Chairs: Tori Espensen-Sturges, BA, and Samuel E.

**Cooper, BA,** University of Minnesota Distinguishing Fear From Anxiety: Relevance to

Distinguishing Fear From Anxiety: Relevance t Clinical Anxiety

**Christian Grillon, PhD,** National Institute of Mental Health

Impaired Fear Inhibition in Posttraumatic Stress Disorder

Tanja Jovanovic, PhD, Emory University School of Medicine

Modulation of Conditioned Fear Generalization With D-Cycloserine: Implications for Treatment

**Tori Espensen-Sturges, BA,** University of Minnesota Levels of Safety-Learning in a Fear-Conditioning Paradigm Differentiate Generalized Anxiety Disorder From Panic Disorder

Samuel E. Cooper, BA, University of Minnesota Discussant: Jennifer Britton, PhD, University of Miami

### 9:30 AM - 10:30 AM

### 12I–Clinical Strategies for Enhancing Motivation in Anxious Children and Adults (Orchid A/B)

Chair: Nathaniel Van Kirk, PhD, McLean Hospital/Harvard Medical School Maria G. Fraire, PhD, McLean Hospital/Harvard

# **SUNDAY, APRIL 12**

### 9:30 AM - 10:30 PM, CONTINUED

Medical School; **Keri R. Brown, PhD,** West Virginia University School of Medicine; **Thröstur Björgvinsson, PhD,** McLean Hospital

### 9:30 AM - 12:30 PM

### 220–Introduction to Complicated Grief Treatment: An Evidence-Based Approach (*Hibiscus B*)

M. Katherine Shear, MD, Columbia School of Social Work; Naomi Simon, MD, Massachusetts General Hospital/Harvard Medical School; Natalia A. Skritskaya, PhD, Columbia University

### 10:30 AM – 11:00 AM Networking Break

### 11:00 AM - 12:30 PM

160–Clinical Applications of Mindfulness-Enhanced Cognitive-Behavioral Therapy for OCD (Tuttle North)

Jonathan Hershfield, MFT, University of California, Los Angeles

### 180-An Overview of Structured Approach Therapy for PTSD: A Behavioral Couple-Based PTSD Intervention for Returning

Veterans and Their Partners (Brickell North) Julia Cretu, PsyD, Tulane University School of Medicine; Frederic Sautter, PhD, Tulane University School of Medicine; Shirley Glynn, PhD, University of California, Los Angeles

### **188–Family Accommodation in Children** and Adolescents With Anxiety and Depressive Disorders (*Tuttle South*)

David M. Jacobi, PhD, Stephanie C. Eken, MD, and Rachel C. Leonard, PhD, Rogers Memorial Hospital

### 224-The Unified Protocol for the Treatment of Emotional Disorders: Advanced Principles and Case-Based Discussion for Adults, Adolescents, and Children (*Hibiscus A*) Jill Ehrenreich May, PhD, University of Miami

## Shannon Sauer-Zavala, PhD, Boston University

### 230–Navigating Legal and Ethical Dilemmas in the Treatment of Anxiety Disorders (Tuttle Center)

Katia Moritz, PhD, Neurobehavioral Institute

### 337–Extreme Anxiety Reflects Aberrant Functional Connectivity in Prefrontal-Amygdalar Networks (Orchid C)

- **Chair: Amy Krain Roy, PhD,** Fordham University Developmental Changes in Amygdala Connections With Medial Prefrontal Cortex in Childhood and Adolescence
- **Dylan Gee, MA,** University of California Los Angeles The Role of Amygdala Functional Connectivity in the Development of Anxiety Disorders
- **Amy Krain Roy, PhD,** Fordham University The Central Extended Amygdala Is a Key Substrate for Early-Life Anxiety
- Alexander Shackman, PhD, University of Maryland The Integrity of Amygdala-Prefrontal Circuitry: From Normal Emotion to Pathological Anxiety

**M. Justin Kim, MA,** Dartmouth College Discussant: **Martin Paulus, MD,** University of California, San Diego

### 11:00 AM - 1:00 PM

### **318–Mediators and Moderators of Anxiety Treatment and Prevention Programs** (Orchid D)

Chair: Nicholas P. Allan, MS, Florida State University

Anxiety Disorder Diagnoses Positively Impact a Panic Disorder Risk Factor Intervention: A Moderated Mediation Model

- Nicholas P. Allan, MS, Florida State University The Role of Affective Lability in Predicting Responses to Imaginal Exposure Among Sexual Assault Victims
- **Courtney E. Dutton, MS,** University of Arkansas Relationship Satisfaction as a Predictor and Moderator of Response to a Postpartum OCD Prevention Program
- Kiara R. Timpano, PhD, University of Miami Examination of a Brief Anxiety-Sensitivity Intervention on Suicidality Among Individuals With Obsessive-Compulsive Symptoms
- Amanda M. Raines, MS, Florida State University The Moderating Role of Factor Mixture-Based Anxiety Sensitivity Classification on the Relation Between Pre-Quit Reduction in Anxiety-Sensitivity Symptoms and Quit-Week Tobacco-Craving Symptoms

Jafar Bakhshaie, MD, University of Houston

### 84 « ANXIETY AND DEPRESSION CONFERENCE

11:00 AM – 1:00 PM, CONTINUED

### **326–Biomarkers of PTSD: Current Status** and Future Directions (Brickell South)

Chair: Yuval Neria, PhD, Columbia University/New York State Psychiatric Institute

Biomarkers of PTSD Across Analytic Levels and Model Systems - Genetic and Neural Circuit Regulation

Kerry Ressler, MD, Emory University Dissecting the Contribution of Sub-Regions of the Cingulate and Insular Cortices to the Expression of Conditioned Fear: Relevance to PTSD Psychopathology

Mohammed R. Milad, PhD, Massachusetts General Hospital

Neural Substrates of Overgeneralization of Classically Conditioned Fear in PTSD

Shmuel Lissek, PhD, University of Minnesota Do Patients With PTSD Fail to Distinguish Between Dangerous and Safe Contexts and Cues: An fMRI Examination

Yuval Neria, PhD, Columbia University Threat-Related Attention Bias Variability (ABV) — A Behavioral Marker of PTSD and a Potential Treatment

Yair Bar Haim, PhD, Tel Aviv University Discussant: Israel Liberzon, MD

## 355–Compulsivity as a New Transdiagnostic Research Domain for the RDoC (Orchid A/B)

### [Sponsored by the International College of Obsessive Compulsive Spectrum Disorders (ICOCS)]

Chair: Michael Van Ameringen, MD, McMaster University, St. Joseph's Healthcare Hamilton,

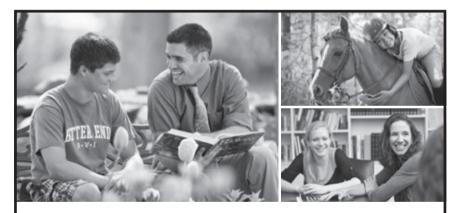
Oxytocin/Vasopressin and Immune-Inflammatory Interventions for the Repetitive Behavior Domain in Autism and Obsessive-Compulsive Spectrum Disorders

**Eric Hollander, MD,** Albert Einstein College of Medicine

- Pharmacological Treatment of Compulsivity Across Disorders
- Jon Grant, MD, University of Chicago The Use of Compulsivity as a Phenotype in Genetic Studies of OCD

Margaret A. Richter, MD, University of Toronto, Sunnybrook Health Sciences Centre *dTMS in OCD — State of the Art* 

Lior Carmi, MA, Chaim Sheba Medical Center



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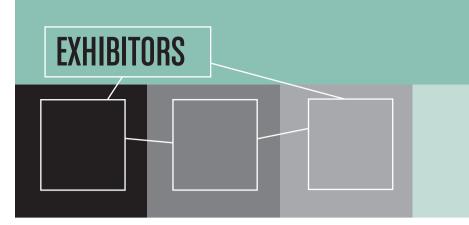
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### **Abbey Press Publications**

I Hill Drive Saint Meinard, IN 47577 Phil Etienne ocp@abbeypress.com www.abbeypress.com

Abbey Press Publications provides caring resources, which offer help and hope to those who care for others in need. Our publications, including books and the booklet series "CareNotes," give special emphasis to depression, anxiety, grief, loss, end-of-life, illness, aging, and long-term care issues.

## American Foundation for Suicide Prevention

I20 Wall Street, 29th Floor New York, NY 10005 Jill Harkavy-Friedman JHarkavyFriedman@afsp.org www.afsp.org

The American Foundation for Suicide Prevention leads the fight against suicide. We fund research, create educational programs, advocate for public policy, and support those affected by suicide. Led by CEO Robert Gebbia and headquartered in New York, AFSP has 75 local chapters with programs and events nationwide. Review our Annual Report to learn more about AFSP's lifesaving work, and join the national conversation on suicide prevention by following AFSP on Facebook, Twitter, Instagram, and YouTube.

### **Bridges to Recovery**

### I460 San Remo Pacific Palisades, CA 90272 Katie Gregory katie@bridgestorecovery.com www.bridgestorecovery.com

Bridges to Recovery's premier licensed residential mental health facilities are designed for men and women struggling with mental health disorders, those seeking an alternative to a hospital environment for their care through a unique and effective combination of psychotherapy and integrative therapy. We treat complex and persistent psychiatric disorders by addressing their emotional, spiritual, and physical needs. Our goal is to relieve suffering through compassionate, coordinated care to empower and motivate our patients to succeed. All of our licensed facilities are located in exclusive neighborhoods of Los Angeles, including Bel Air, Pacific Palisades, and Holmby Hills.

### **Chamberlain International School**

I Pleasant Street Middleboro, MA 2346 John Mendonca admissions@flcis.com www.chamberlainschool.org

Chamberlain International School is a private, nonprofit clinically intensive co-educational therapeutic boarding and day school. We work with students age II to 22 diagnosed with OCD, anxiety, ADHD, NLD, ASD, attachment disorder, bipolar, depression, and a wide variety of learning disabilities. Psychiatrists on the grounds; nursing, individual, group, and family therapy, including ERP, CBT, and DBT are offered.

### **Goodlux Technology**

2I Dry Dock Ave., 6th Floor Boston, MA 02210 Allie Miller Head of Marketing allie@sunsprite.com www.sunsprite.com

GoodLux Technology provides the SunSprite solution, a wearable + app light-management solution engaging patients to self-manage depression by effectively using bright light therapy (BLT). Our team of doctors, engineers, physicists, and health care experts utilizes its science background to create tangible solutions for valuedriven health care.

### **Houston OCD Program**

### I4OI Castle Court Houston, TX 77006 Saharah Shrout sshrout@houstonocd.org houstonocdprogram.org

The Houston OCD Program is dedicated to providing high-quality, evidence-based treatment for individuals with OCD and other anxiety-related disorders. The treatment team specializes in delivering cognitive-behavioral therapy, particularly exposure and response prevention. Our continuum of services includes a residential support program, intensive outpatient program, and individual cognitive-behavioral therapy.

### **International OCD Foundation**

### 18 Tremont Street #903 Boston, MA 02108 Carly Bourne cbourne@iocdf.org iocdf.org

The mission of the International OCD Foundation is to help individuals with obsessive-compulsive disorder (OCD) and related disorders to live full and productive lives — by increasing access to effective treatment, ending the stigma associated with mental disorders, and fostering a community for those affected by OCD and the professionals who treat them.

### Lifeskills South Florida

I43I SW 9th Avenue Deerfield Beach, FL 3344I Raquel Saavedra raquel.saavedra@lifeskillssf.com lifeskillssouthflorida.com

Since 1991 Lifeskills South Florida has been providing excellence in care for psychiatric disorders (including trauma-based and personality disorders), as well as co-occurring substance use disorders. Located in Deerfield Beach, Florida, Lifeskills offers comprehensive pharmacotherapy and therapeutic intervention, including dialectical behavioral therapy for adults, both male and female who are 18 and over.

### **Lindner Center of HOPE**

### 4075 Old Western Row Rd. Mason, OH 4504 Tom Parker tom.parker@lindnercenter.org www.lindnercenterofhope.org

Lindner Center of HOPE in Mason, Ohio, is a regionally based, nationally acclaimed center for the treatment and research of mental illness. Located on 36 wooded acres, the lodge-like center offers a comprehensive diagnostic assessment in its Sibcy House unit (II and older) with OCD, anxiety, and co-occurring illness.

### Lucida Treatment Center

### II2 N. Oak St.

Lantana, FL 33462 Jessica Ramos jessica.ramos@lucidatreatment.com www.lucidatreatment.com

Lucida Treatment Center provides clinically sophisticated and innovative mental health and substance abuse treatment for clients seeking to create a transformative recovery experience. Lucida offers three distinct programs: a Dual Diagnosis Addiction Program, a Mood Disorder Program for Women, and a Multicultural Program for Spanish speakers. Our full-time medical and psychiatric teams are able to address comorbid medical and psychiatric conditions to allow clients to engage in treatment. We honor the power of choice in recovery, and each individual's recovery program is designed with their unique physical, mental, emotional, and spiritual needs in mind. Lucida is an abstinencebased program. While we offer I2-step involvement, we recognize this type of support doesn't appeal to everyone and we offer SMART Recovery as an alternative or compliment to a I2-step recovery program.

### McLean OCD Institute

II5 Mill St. Belmont, MA 02478 Lela Dalton Imdalton@parners.org mcleanhospital.org

The McLean OCD Institute (OCDI) is a national center dedicated to the advancement of clinical care, teaching, and research of obsessive-compulsive disorders. This Harvard Medical School-affiliated program provides partial hospital and intensive

# **EXHIBITORS**

residential care for individuals age I6 and older who suffer from severe or treatment-resistant OCD. In spring of 2015 the McLean OCD Institute is expanding to include a residential and partial hospital treatment program for children and adolescents with OCD and related disorders.

### **Mountain Valley Treatment Center**

### 2274 Mt. Moosilauke Hwy. Pike, NH 03780 Carl Lovejoy clovejoy@mountainvalleytreatment.org mountainvalleytreatment.org

Located on an I800-acre game preserve in the White Mountains of New Hampshire, Mountain Valley is a small, short-term (60 to 90 days), notfor-profit adolescent residential treatment center for boys and girls with anxiety and related disorders. Residents receive comprehensive, wellresearched, evidence-based care from experienced professionals in a supportive and nurturing milieu. MVTC provides individual and group-based cognitive-behavioral therapy with an emphasis on exposure and response prevention.

### Palo Alto Health Sciences, Inc.

### 9000 Crow Canyon Road, Suite S#305 Danville, CA 94506 Greg Tomita greg@pahealthsciences.com pahealthsciences.com

Palo Alto Health Sciences offers the Freespira Breathing System, the first nonpharmaceutical athome treatment for panic disorder patients. Under therapist supervision, this FDA-cleared system uses sophisticated CO2-sensor feedback to normalize the patient's respiratory pattern, which has been clinically and commercially proven to reduce or eliminate panic attacks symptoms.

### PESI, Inc.

### (ADAA Bookseller) 3839 White Ave. Eau Claire, WI 54702 Emily Bauer ebauer@pesi.com

**pesi.com** PESI, Inc., is a ne

PESI, Inc., is a nonprofit organization serving the education needs of professionals since 1979. In addition to our seminars, PESI provides continuing education to professionals and organizations through in-house training, publications, DVD and CD home study, and on-demand trainings.

### ResearchMatch

2525 West End Avenue, Suite 600 Nashville, TN 37203 Lauren Mergen, Program Coordinator lauren.mergen@vanderbilt.edu www.researchmatch.org

ResearchMatch (RM) is the country's first free nationwide, disease-neutral, volunteer research recruitment and engagement platform. RM currently supports approximately 75,000 volunteers, 2,500 researchers, and IO6 institutions. RM houses an Anxiety Condition Connection, a screening tool designed to better connect volunteers living with an anxiety-related disorder to resources in their community.

### **Rogers Memorial Hospital**

### 34700 Valley Rd. Oconomowoc, WI 53066 Mary Jo Wiegratz mjwiegratz@rogersbh.org rogershospital.org

A nationally recognized leader in evidence-based treatment, including CBT services, Rogers has seven specialized residential treatment programs that are the centerpiece of our comprehensive behavioral health services for children, teens, and adults with OCD and anxiety disorders, eating disorders, depression and other mood disorders, posttraumatic stress disorder, and addiction.

### **Rose Hill Center**

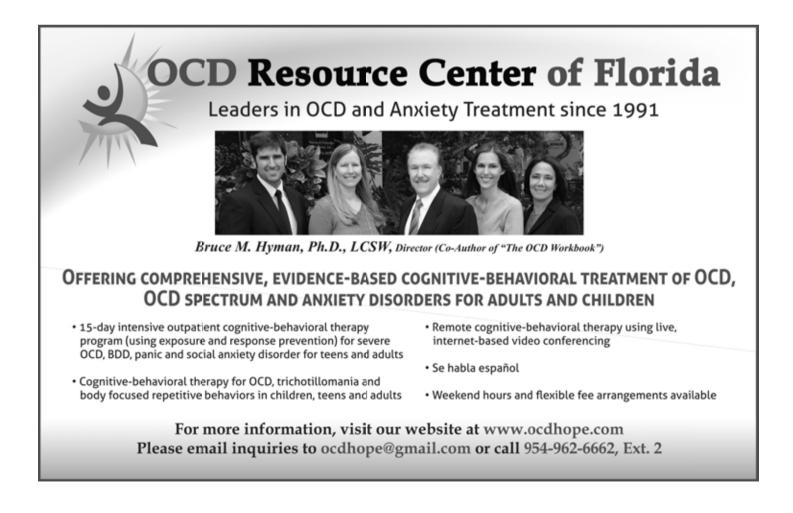
5130 Rose Hill Blvd. Holly, MI 48442 Veronica Smith vsmith@rosehillcenter.org www.rosehillcenter.org

Rose Hill Center in Holly, Michigan, is a comprehensive and effective psychiatric rehabilitation program for adults with serious mental illnesses and co-occurring substance use disorder. Rose Hill meets residents where they are and helps them develop a comprehensive treatment plan in which they determine their own personal goals. Each plan addresses physical, mental, and emotional goals by guiding the resident through participation in structured programming, therapy, and activities designed to create a foundation for lifelong recovery.

### **The Glenholme School**

8I Sabbaday Lane Washington Depot, CT 06793 Julie Smallwood jsmallw2@devereaux.org www.theglenholmeschool.org

The Glenholme School is a therapeutic boarding school for young people ages IO to adult in middle school, high school, and postgraduate. The program provides a positive atmosphere designed to build competence for students to thrive socially and academically. Our comprehensive learning environment supports the success of students with autism spectrum disorder, ADHD, OCD, Tourette, depression, anxiety, and various learning differences.





### **EMDR** Institute

P.O. Box 750 Watsonville, CA 95077 Robbie Dunton rdunton@emdr.com www.emdr.com

The EMDR Institute offers quality trainings in EMDR therapy, which is an empirically validated and widely recommended frontline trauma treatment. A meta-analysis (Lee & Cuijpers, 2013, JBTEP) has demonstrated the contribution of the eye movement component. Standardized procedures achieve trauma resolution without the need for extended exposures, homework, or detailed descriptions of the event.

### Hogrefe Publishing Corp.

### 38 Chauncey Street, Suite 1002 Boston, MA 02111

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Hogrefe Publishing has been a publisher of books, journals, and tests in the fields of psychology, psychiatry, and mental health for over 60 years. We offer a wide range of publications for professionals, students, and researchers who are working in these fields.

## International Society for Traumatic Stress Studies (ISTSS)

III Deer Lake Road, Suite 100 Deerfield, IL 60015 Heather Fineman hfineman@ISTSS.org www.istss.org ISTSS is an international, interdisciplinary professional organization that promotes advancement and exchange of knowledge about traumatic stress. This knowledge includes understanding the scope and consequences of traumatic exposure, preventing traumatic events and ameliorating their consequences, and advocating for the field of traumatic stress.

### **National Institute of Mental Health**

Science Writing, Press, and Dissemination Branch 600I Executive Boulevard, Room 6200, MSC 9663 Bethesda, MD 20892-9663

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The National Institute of Mental Health (NIMH) is part of the National Institutes of Health, an agency of the U.S. Department of Health and Human Services. The NIMH conducts and supports research on the brain and disorders of mental health.

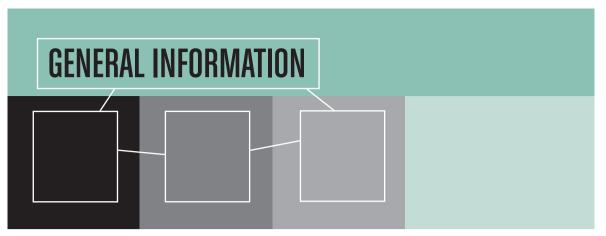
### **Oxford University Press**

198 Madison Ave, Ilth Floor New York, NY 10016 Elizabeth Gorney elizabeth.gorney@oup.com global.oup.com

Oxford University Press is a department of the University of Oxford. It furthers the University's objective of excellence in research, scholarship, and education by publishing worldwide.

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### Badges

Your conference badge is required for admission to all sessions, meals, and receptions. Please wear it during the conference, and remove it whenever you leave the hotel.

### Breakfast

Daily light breakfast, coffee, and tea are served 7:30 am to 8:30 am to all registered attendees Friday through Sunday in the Regency Ballroom Foyer and Promenade, Terrace Level.

### **Business Center**

Located on the Lobby Level; offers full-service copying and shipping. The nearest FedEx Office is a IO- to I5-minute walk to 90I S. Miami Avenue; phone 305-374-508I.

### **Cell Phones**

Please set all phones and pagers to vibrate mode when entering all sessions.

### **Emergency Information**

In the event that you need assistance in a security or medical emergency inside the hotel, dial 55 on any hotel house phone or your guest room phone—the equivalent of dialing 9II. This number is answered immediately, and security is dispatched as necessary.

### **Internet Access**

All ADAA hotel guests at the Hyatt Regency Miami will receive free wired Internet access in their rooms. Contact the front desk if you have a problem with access. The hotel offers free Internet in the lobby for all guests.

### Lunch

Attendees are on their own for lunches on Friday and Saturday, but check the chronological listing in this program for lunchtime programming. Graband-Go lunches will be available for purchase in the Promenade Area, Terrace Level on Friday and Saturday.

### Students, Trainees, Postdocs, and Residents

**only** are invited to lunch on Saturday, 1:00 pm-2:00 pm in Riverfront South/Center. Present your ticket for admission.

### **Message Board**

Located near Registration. To contact conference participants, you may leave a message on the board. Incoming messages will also be posted.

### Photographing/Videotaping

Attendees may not videotape, audiotape, or photograph presentations without prior permission from the chair and speakers.

### **Poster Set-Up**

Riverfront North (Lobby Level)

Session I (Friday, 6:00 pm-7:30 pm) Poster presenters may set up between 3:30 pm - 4:00 pm on Friday.

**Session II (Saturday, 6:00 pm-7:30 pm)** Poster presenters may set up between 4:00 pm-5:00 pm on Saturday.

You must be registered and have your badge to hang your poster. Remove your poster at the end of your session, or it will be disposed of by the hotel.

### **Registration, Promenade (Terrace Level)**

Open daily: Thursday, 8:00 am-6:00 pm; Friday and Saturday, 7:30 am-5:30 pm; Sunday 8:00 am-1:30 pm

### Smoking

Never permitted during any session, meeting, or function



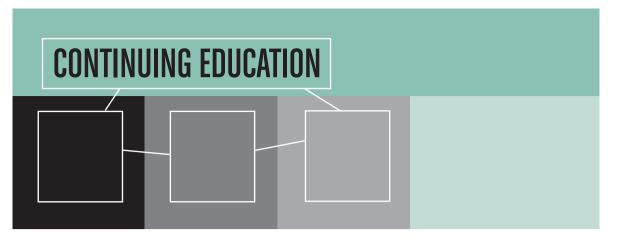
Our sincere thanks to all of those who reviewed 2015 submissions.

**Cindy Aaronson** James Abelson Amitai Abramovitch Dean Acheson Carmela Alcantara Amelia Aldao Candice Alfano Kristy Allen Page Anderson Gordon Asmundson Randy Auerbach Robin Aupperle Catherine Ayers Terri Barrera **Christopher Beevers** Elspeth Bell Courtney Benjamin O. Joseph Bienvenu Thröstur Björgvinsson Andri Bjornsson **Bekh Bradley** Jennifer Britton Julia Buckner T.H. Eric Bui Amanda Calkins Nicole Caporino R. Nicholas Carleton **Gregory Chasson** Denise Chavira Meredith Coles Andrew Cooper Jeremy Coplan Michelle Craske JoAnn Difede Darin Dougherty Elizabeth DuPont Spencer Jill Ehrenreich Jon Elhai Kristen Ellard Brigette Erwin Negar Fani

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### **OVERVIEW**

The conference aims to leverage its broad audience to synthesize cutting-edge knowledge, accelerate dissemination, and translate scientific evidence to practice by engaging clinicians.

The Anxiety and Depression Conference 2015 is novel and actively works to advance knowledge in unique ways: I) fostering dissemination and collaboration among basic and behavioral researchers; 2) encouraging researchers and clinicians to discuss practical applications in real-life settings; 3) accelerating translation of research to practice with hands-on training of empirically tested treatments; 4) involving early career investigators, students, and trainees in research and learning; and 5) providing opportunities for professionals to hear patient perspectives. The conference engages all of these audiences, building bridges and supporting these networks throughout the year.

### **STATEMENT OF NEED**

The Anxiety and Depression Conference 2015 is designed to meet the educational needs of member and nonmember clinicians and researchers by providing training, dissemination of evidence-based treatments, and translation of the latest research.

Anxiety disorders and depression are common and disabling. Anxiety disorders comprise a diagnostic category that includes generalized anxiety disorder, panic disorder, obsessive-compulsive disorder (OCD), posttraumatic stress disorder (PTSD), social anxiety disorder, and phobias. Lifetime prevalence estimates for all anxiety disorders and major depression are 28.8 percent and 16.6 percent, respectively. Mental illnesses account for more than half as many disability days as all physical illnesses, with anxiety and depressive disorders being the major causes of disability. More than 40 million adults have one or more anxiety disorder, and 19 million adults have depression; anxiety disorders are the most common mental illnesses in children.

Research has long documented the high comorbidity between anxiety disorders and depression; the latest data continues to highlight the importance of understanding the overlap between these disorders, not only with respect to their etiology, but also in terms of treatment course. In 50 percent of diagnoses, individuals have comorbid anxiety and depression. Additionally, anxiety and depression are the primary illnesses associated with suicide. To continue leading the field, ADAA has broadened its mission and vision to encompass anxiety and depressive disorders.

The desired results for the conference are that attendees are aware of the latest developments in preclinical and clinical research; are able to translate this knowledge to clinical practice; apply evidencebased research to practice; discuss real-world clinical experiences to influence research; and develop new skills and techniques to improve diagnosis, prevention, and treatment of anxiety and depressive disorders. It is also expected that researchers and clinicians will discuss how specific diagnoses manifest in the clinic and the reality of implementation of evidence-based and novel treatments in real world settings. Additionally, participants will evaluate and discuss how to use new technologies and social media in research and clinical practice, thus advancing the dissemination and implementation of empirically based and novel treatments.

# **CONTINUING EDUCATION**

### **Conference Educational Objectives**

After participating in the Anxiety and Depression Conference 2015, attendees should be able to

- Recognize advances in diagnosis and treatments for anxiety, depression, and related disorders.
- Improve patient outcomes through the dissemination of evidence-based research and application to real-world clinical settings.
- Identify the etiology, pathophysiology, and neural pathways of anxiety and depressive disorders.
- Apply psycho- and pharmacotherapy interventions alone and in combination to develop treatment plans, predict treatment response, optimize remission, and prevent relapse.
- Discuss and innovate research on anxiety, depression, and related disorders.

CE and CME credits are available to registered professional physicians, psychologists, social workers, counselors, therapists and nurses. **Members do not pay an additional fee;** nonmembers can receive credits for an additional fee of \$55 per discipline. Only professional attendees can receive CE or CME credits; those paying guest, student, or consumer fees cannot apply for CE or CME credits. Attendance verification forms and online evaluations must be completed by **June 5, 2015,** to be eligible for credit.

### **CE CREDITS**

CE Credits are available for professionals through these organizations:

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Direct all questions regarding CE to conference@adaa.org, or call 240-485-1032. For questions regarding the online CE process, contact CE-Go at 877 248 6789, ext. 5.

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The American Board of Psychiatry and Neurology has reviewed the Anxiety and Depression Conference 2015 and has approved this program as part of a comprehensive CME program, which is mandated by the ABMS as a necessary component of Maintenance of Certification. This activity is approved for up to a maximum of 29.5 AMA PRA Category I CME credit.

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2. Track your session attendance with the scheduleat-a-glance handout provided during posted registration hours. This will assist you in the online evaluation process. You do not need to return this form to ADAA; keep it for your records.

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Direct all questions regarding CE or CME to conference@adaa.org, or call 240-485-I032. For questions regarding the online CME process, contact **cme@wiley.com**.

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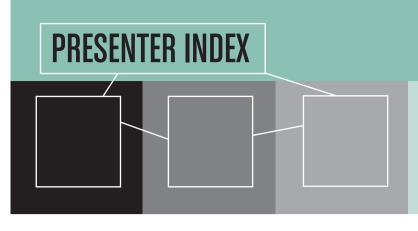
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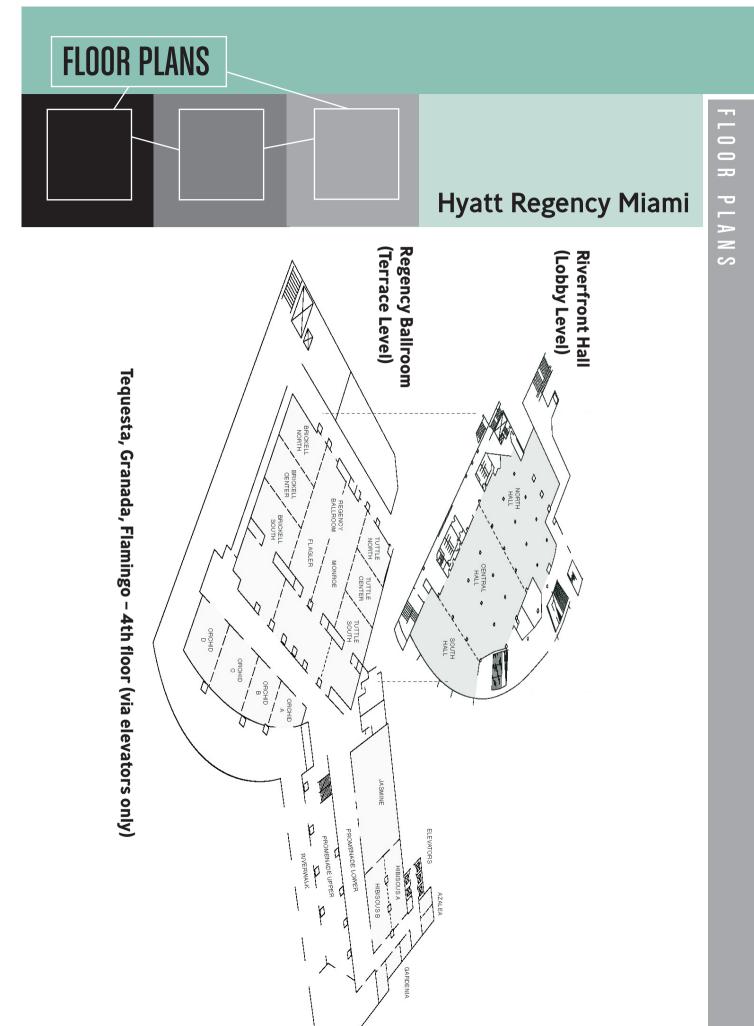
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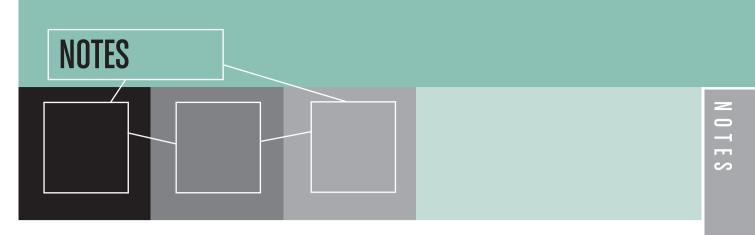
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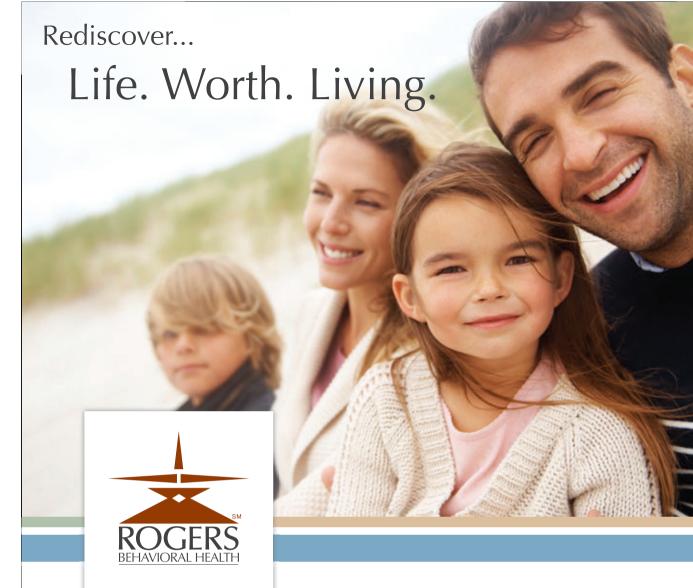
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