



HEALING THE BRAIN WITH  
NEUROSCIENCE AND TECHNOLOGY

SOBP  
2024

JW MARRIOTT, AUSTIN

PROGRAM BOOK



[www.sobp.org](http://www.sobp.org) | [#SOBP2024](https://twitter.com/SOBP2024)



# TABLE OF CONTENTS

## Society of Biological Psychiatry's 2024 Meeting

PRESIDENT'S WELCOME	3
2023 - 2024 OFFICERS & COUNCILORS	4
HOTEL INFORMATION & MAP	5
DOWNLOAD THE CONFERENCE APP	7
STATEMENT OF PURPOSE	8
JOIN SOBP	9
PUBLICATIONS	10
2024 SCIENTIFIC PROGRAM COMMITTEE	11
2024 COMMITTEE MEMBERS	12
2024 AWARD RECIPIENTS	14
SCHEDULE	17
SAVE THE DATE	27

# PRESIDENT'S WELCOME

## *Society of Biological Psychiatry's 2024 Meeting*

Welcome to Austin and this year's SOBP meeting! We are excited to gather with friends and colleagues to share the newest and most exciting findings while catching up on life in general. Now, nearly 25 years out from the "Decade of Brain" we chose this year's theme "Is the Translational Medicine Approach Living Up to its Promise in Psychiatry?" to be self-reflective, evaluating the progress made in the field of Biological Psychiatry over this period. We hope to celebrate the areas of greatest success and consider ways of improving efforts in all areas to most effectively and efficiently make clinically meaningful changes in mental health care.

With this theme in mind, we have an outstanding group of Plenary Speakers, each focused on unique areas of translational medicine and translational neuroscience. Thursday's speakers will present the Big Picture, describing both the successes and shortcomings of the translational medicine approach over the past quarter century. Friday's presentations will focus on the success and future promise of evolving tools and methodologies to enhance and facilitate our diagnostic and treatment discovery capabilities. Saturday's talks will provide a survey of treatment approaches at various stages of clinical implementation that were developed out of the translational neuroscience model. We hope this year's speakers will stimulate meaningful discussions on the best future course of Biological Psychiatry and inspire you to think broadly about how your research can most effectively benefit individuals suffering with, or at risk for mental illness.

In addition to our Plenary Speaker presentations, we will have a thought-provoking array of Symposia and Oral sessions, which have been thoughtfully selected by our Program Committee. Evenings will be devoted to SOBP Poster presentations. This year's meeting will also include 3 special sessions addressing timely issues of special interest to the field (suicide, the underrepresentation of Black people on the journal cover and the physician-scientist pipeline). As always, interspersed throughout the program there are unique opportunities for career development and learning. We have a robust and expansive agenda in place for the meeting, yet time has purposefully been built in for you to enjoy the rich SOBP network and many attractions and great music in Austin.

The 2024 program would not be possible without the efforts of many. We appreciate the efforts of SOBP Council and the Parthenon Management Group staff, particularly Christine Farwell, Payton McClintock, and John White, for bringing our vision to the upcoming meeting. We thank all the Chairs, Co-Chairs, and members of our SOBP committees for their hard work developing and supporting the many aspects of the meeting program, which brings something for each attendee.

As you enjoy the meeting, we encourage you to explore novel topics of interest, develop new collaborative relationships, and take stock in the amazing work being done as well as the great need for further improvements in mental health care worldwide. If you are a more senior investigator, please take this meeting as an opportunity to meet and provide perspective to some of the best and brightest of our next generation of researchers and clinicians. If you are newer to the field, the 2024 SOBP conference is the ideal setting to meet and interact with many of those who likely influenced your work and can provide tremendous advice and assistance in your future career development.

Victoria Arango, SOBP President  
Gerard Sanacora, Program Chair

# 2023 – 2024 OFFICERS & COUNCILORS

## **PRESIDENT**

Victoria Arango, PhD  
NIMH/NIH

## **PRESIDENT-ELECT**

Sophia Frangou, MD  
Icahn School of Medicine at Mount Sinai

## **IMMEDIATE PAST PRESIDENT**

Linda Carpenter, MD  
Butler Hospital, Brown Department  
of Psychiatry and Human Behavior

## **EXECUTIVE SECRETARY**

Scott Rauch, MD

## **TREASURER**

Trey Sunderland, MD

## **COUNCIL**

Karen Berman, MD (2020 – 2025)  
Linda Carpenter, MD (2022-2028)  
Neill Epperson, MD (2022-2025)  
Judith Ford, (2022 – 2027)  
David Lewis, MD (2021 – 2026)  
Dost Ongur, MD (2021-2024)  
Mary Phillips, MD (2019-2024)  
Leanne Williams, PhD (2023 – 2028)

## **JUNIOR COUNCILOR**

Tamar Gur, MD, PhD (2023-2025)  
Hilary Marusak, PhD (2022 – 2024)

## **EDITOR, BIOLOGICAL PSYCHIATRY**

John H. Krystal, MD

## **EDITOR, COGNITIVE NEUROSCIENCE AND NEUROIMAGING**

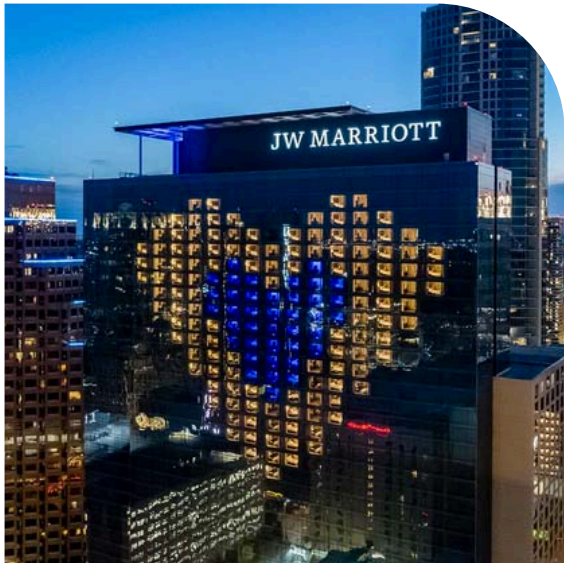
Cameron S. Carter, MD

## **EDITOR, GLOBAL OPEN SCIENCE**

Deanna Barch, PhD



# HOTEL INFORMATION

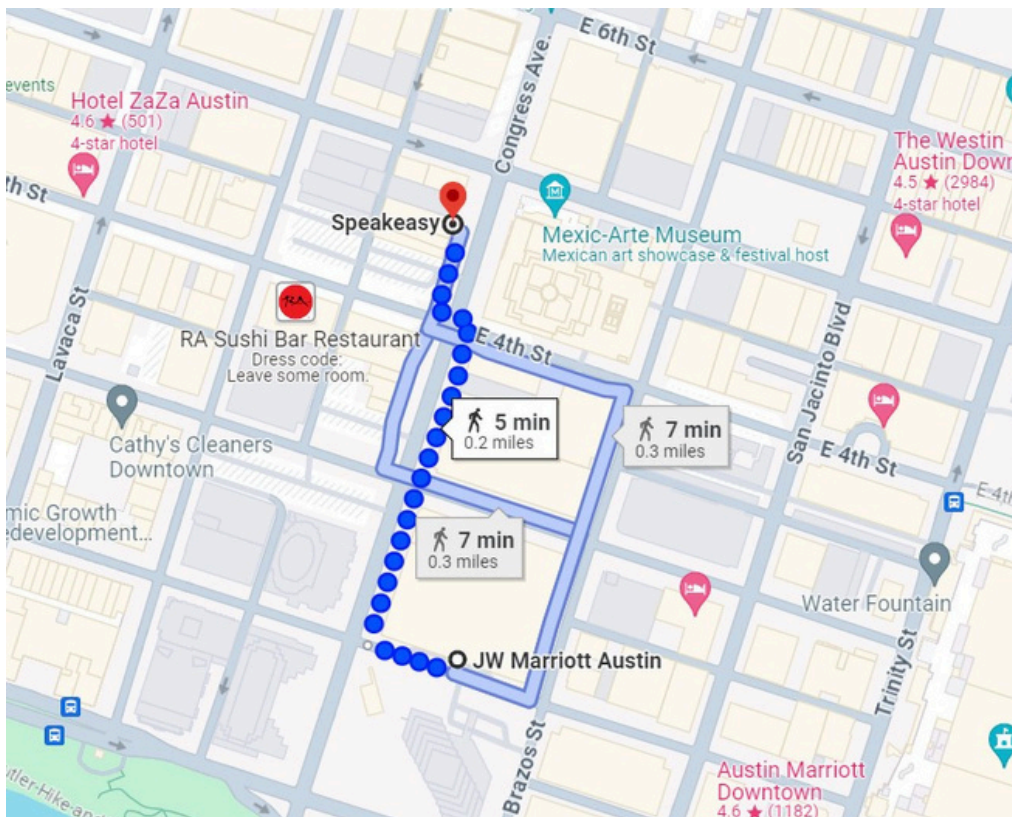


## *JW Marriott, Austin*

📍 110 EAST 2ND STREET,  
AUSTIN, TX 78701

Located in the heart of downtown Austin, the JW Marriott Austin offers luxury comfort and sophisticated amenities. The urban resort features an on-site spa, room service, seven bars, four restaurants, Starbucks® and the largest guest rooms in the city with floor-to-ceiling windows.

## WELCOME RECEPTION MAP



OFF SITE

## Level 2

- Poster Session
- Breakout Rooms
- Speaker Ready Room
- Break Area
- Meeting Rooms
- Registration
- KiddieCorp



## Level 3

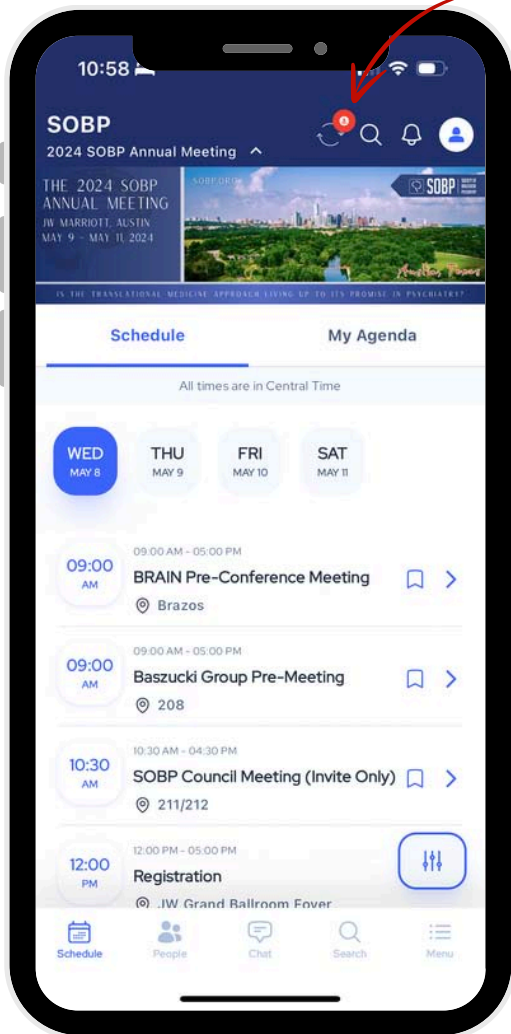


## Level 4



# DOWNLOAD THE CONFERENCE APP

Update your app by clicking here



Minimum OS version  
iOS: 12 & Android: 21

What will you find in the SOBP Conference App?

- The most up to date schedule
- A list of attendees, speakers and travel awardees
- Presenter information
- The conference hotel map
- Links to the recordings

The conference app has everything you need. Search 'SOBP Conference' in the Google Play or Apple Store and download it to your device. You will need to login to your SOBP account to access live sessions/recordings and the e-poster gallery. You refresh and update the app daily for the most up to date information.



## WIFI ACCESS

NETWORK  
SOBP2024

PASSWORD  
SOBP2024



# STATEMENT OF PURPOSE

*Collaborating to Reduce Suffering from Mental Illness.*

## ABOUT

The Society of Biological Psychiatry was founded in 1945 to encourage the study of the biological causes of and treatments for psychiatric disorders. Its continuing purpose is to promote excellence in scientific research and education in fields that investigate the nature, causes, mechanisms, and treatments of disorders of thought, emotion, or behavior.

## VISION

The Society of Biological Psychiatry's vision is to advance understanding, investigation, and treatment of psychiatric disorders until they are eliminated as a cause of human suffering.

## MISSION

The mission of the Society of Biological Psychiatry is to:

- Promote excellence in research investigating the nature, causes, mechanisms, and treatments of disorders of thought, emotion, and behavior.
- Foster development of investigators in psychiatry.
- Educate young scientists and clinicians about the biological underpinnings of psychiatric disorders more generally.
- Disseminate the highest quality knowledge regarding the scientific basis of psychiatry.

## VALUES

- Highest ethical standards of professional conduct
- Leadership
- Lifelong learning
- Collegiality
- Respect for diversity



# JOIN SOBP

The Society of Biological Psychiatry (SOBP) invites you to join senior and junior psychiatric neuroscientists who are engaged in basic, translational, and clinical science in order to serve people with mental illness.

The Society is a vital and dynamic organization. Founded over 70 years ago, SOBP has undergone a dramatic scientific renaissance over the past decade. It is a unique Society, where both senior and junior scientists contribute to a stimulating and extremely well-attended meeting. When you become a member of this intimate yet cutting edge Society, you will have the opportunity to interact with thought leaders who are fueling innovation, access and development in the field of psychiatric neuroscience including major advances in genetics and therapeutics. Your membership in the Society of Biological Psychiatry will put you in touch with your colleagues who have shaped the field as it currently exists and it will enable you to be one of those who shape biological psychiatry as it will be known!

When we listen to our members talk about what their membership means to them, they most often refer to the intangible benefits, particularly the collegiality of their fellow SOBP members. Personal and professional relationships are built through attending the annual meeting and serving on committees. Many leaders in our field have joined the SOBP over the past 15 years so that the Society is maintaining a balance of new senior and junior members. Junior scientists benefit from access to experts, reduced dues, mentoring, travel awards, presentation opportunities, and more. The Society's committees offer members opportunities to serve their society and the profession, while gaining leadership experience.

## BENEFITS INCLUDE

- A free subscription, both print and online, to *Biological Psychiatry* and *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, the official publications of the Society of Biological Psychiatry.
- Reduced registration fees and advanced registration to the annual meeting.
- Waived abstract submission fees.
- Early hotel reservations before nonmember attendees.
- Ability to submit and/or sponsor an abstract.
- Ability to sponsor membership applications.
- Membership Directory.
- Member's Only Resources.
- Career Center.
- Quarterly Newsletters.
- Participation in leadership and committees.
- Prestige and increased credibility among peers and the public.

### REGULAR \$180/Annually

Because the SOBP has as a major goal the development of young scientists, you can apply for Regular Member with 5 peer-reviewed publications.

### ASSOCIATE \$180/Annually

If you have fewer than 5 peer-reviewed publications, you may apply for Associate Membership. Associate Members are not eligible to vote or hold office in the Society.

### STUDENT \$80/Annually

For those currently enrolled in any authorized educational program, full-time training, at degree-granting institution (undergraduate, graduate, medical student, resident, fellow).

Join Today at  
[www.SOBP.org](http://www.SOBP.org)

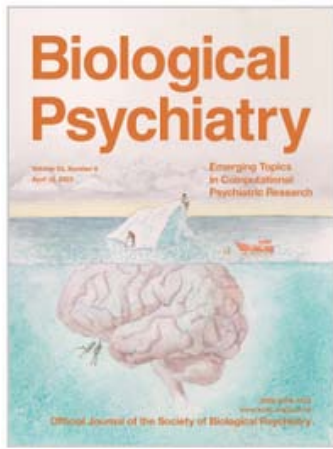


**SOBP**

SOCIETY OF  
BIOLOGICAL  
PSYCHIATRY

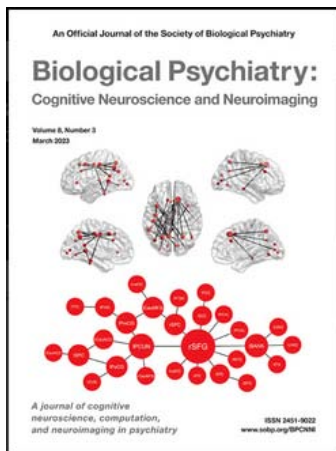
# PUBLICATIONS

## BIOLOGICAL PSYCHIATRY



*Biological Psychiatry* is the official journal of the Society of Biological Psychiatry, whose purpose is to promote excellence in scientific research and education in fields that investigate the nature, causes, mechanisms and treatments of disorders of thought, emotion, or behavior. In accord with this mission, this peer-reviewed, rapid-publication, international journal publishes both basic and clinical contributions from all disciplines and research areas relevant to the pathophysiology and treatment of major psychiatric disorders. The journal publishes novel results of original research which represent an important new lead or significant impact on the field, particularly those addressing genetic and environmental risk factors, neural circuitry and neurochemistry, and important new therapeutic approaches. Reviews and commentaries that focus on topics of current research and interest are also encouraged.

## BIOLOGICAL PSYCHIATRY: COGNITIVE NEUROSCIENCE AND NEUROIMAGING



Biological Psychiatry: Cognitive Neuroscience and Neuroimaging (BP:CNNI) was launched in January 2016, led by its founding editor, Cameron S. Carter. This journal publishes fundamental advances from both basic and clinical studies that provide novel insights into the relationships between brain and behavior using the tools and constructs of cognitive neuroscience and neuroimaging. This journal In the 2020 Journal Citation Reports published by Clarivate Analytics, is ranked 49th out of 273 Neurosciences titles, by Impact Factor. Impact Factor score for BP:CNNI is 6.204

## GLOBAL OPEN SCIENCE



Biological Psychiatry: Global Open Science (BP:GOS) was launched in 2020, led by its founding editor, Deanna M. Barch. As the Society's first fully open access journal, BP:GOS diversifies the Biological Psychiatry family of journals and is aligned with global initiatives to promote the dissemination of science through open access and the goals of open science more broadly. It covers the same range of content and methods as the flagship journal, while also publishing preregistered reports.

# 2024 SCIENTIFIC PROGRAM COMMITTEE

GERARD SANACORA, 2024 PROGRAM CHAIR

Scott Aaronson  
Olusola Ajilore  
Christoph Anacker  
Victoria Arango  
Amy Arnsten  
Randy Auerbach  
Justin Baker  
Jennifer Barredo  
Christopher Bartley  
Sabina Berretta  
Maura Boldrini  
Francisco Castellanos  
Henry Chase  
Tina Chou  
Christine Conelea  
Jennifer Coughlin  
Margaret Davis  
Breno Diniz  
Kim Q. Do  
Katharine Dunlop  
Darin Dougherty  
Yogesh Dwivedi  
Cindy Ehlers  
Michael Egan  
Irina Esterlis  
Adriana Feder  
Andrew Fukuda  
Bharathi Gadad  
Charles Gillespie

Matthew Girgenti  
Andrea Goldstein-Piekarski  
Rodrigo Grassi-Oliveira  
Tamar Gur  
Paul Holtzheimer  
Adrienne Lahti  
Alan Lewis  
Sarah Lisanby  
Falk Lohoff  
Stefano Marengo  
Alexander McGirr  
Nicole McLaughlin  
Brian Mickey  
James Murrough  
Noah Philip  
Rajiv Radhakrishnan  
Patricio Riva-Posse  
Marianne Seney  
Shan Siddiqi  
Monsheel Sodhi  
Stephan Taylor  
Gustavo Turecki  
Jessica Turner  
Sanne van Rooij  
Sophia Vinogradov  
Consuelo Walss-Bass  
Alik Widge  
Aliza Wingo  
Jared Young

*Thank you!*

# 2024 COMMITTEE MEMBERS

## JUSTICE EQUITY DIVERSITY AND INCLUSION COMMITTEE

Manpreet Singh, Chair  
Olusola Ajilore  
Kale Edmiston  
Katherine Aitchison  
Irina Esterlis  
Karim Ibrahim  
Marie Gaine  
Jennifer Coughlin  
Chris Miller  
Brisa Fernandes  
Paul Holtzheimer  
Elisabetta del Re  
Amanda Arulpragasam  
Sobia Haqqi  
Amy Jimenez  
Bilge Turkozer  
Jorge Almeida  
Arielle Keller

Poornima Kumar  
Xi Zhu  
Jessica Cooper  
Wei Zhang  
Andrea Goldstein-  
Piekarski  
Rajamannar  
Ramasubbu  
Manan Arora  
Alfred Kaye  
Maura Boldrini  
Katherine Damme  
Maya Schumer  
Helmet Karim  
Thomas Hyde  
Rebekah Huber

## TRAINEE SUBCOMMITTEE (EDUCATION)

Meghan Bennett,  
Chair  
Kaley Davis  
Trevor Steward  
Kate Webb

## HONORIFIC AWARDS

Vickie Arango, Chair  
Olusola Ajilore  
Karen Berman  
Linda Carpenter  
Kristina Deligiannidis  
Irina Esterlis  
Sophia Frangou  
Judith Ford  
David Lewis  
Dost Ongur

## EDUCATION

Michael Ostacher, Chair  
Annmarie MacNamara,  
Co-Chair  
Scott Aaronson  
Anahita Bassir Nia  
Meghan Bennett  
Annamaria Cattaneo  
Margaret Davis  
Tamar Gur  
Nathaniel Harnett  
Alex Herman  
Manish Jha  
Joshua Kantrowitz  
Helmet Karim  
Mary Kimmel  
Julia Linke  
Nicole McLaughlin  
Konasale Prasad  
Peter Van Roessel  
David Ross  
Michael Travis

*Thank you!*



# 2024 COMMITTEE MEMBERS

## MEMBERSHIP

Kathryn Ridout,  
Chair  
Manish Jha, Co-  
Chair

## COMMITTEE ON ADVANCING WOMEN IN LEADERSHIP

Jessica Turner, Chair  
Isabelle Rosso, Chair  
Carrie Bearden  
Sabina Berretta  
Annamaria  
Cattaneo  
Mikaela Dimick  
Bharathi Gadad  
Vanessa Gonçalves  
Adrienne Lahti  
Aiste Lengvenyte  
Mary Phillips  
Uma Rao  
Sarah Short  
Yvette Sheline  
Jennifer Stevens

## TRAVEL AWARD

Frank MacMaster, Chair  
Jared Young, Co-Chair  
Elisabetta C. del Re  
Amanda Arulpragasam  
Michal Assaf  
Randy Auerbach  
Anahita Bassir Nia  
Alfredo Bellon  
Michele Bertocci  
Arthur Brody  
Chadi Calarge  
Joan Camprodon  
Adam Case  
Sneha Chenji  
Jennifer Coughlin  
Kathryn Cullen  
Maria Dauvermann  
Susanna Fryer

Rebekah Huber  
Audreyana Jagger-  
Rickels  
Seyma Katrinli  
Sahib Khalsa  
Matthew Klein  
David Kupferschmidt  
Naoise Mac Giollabhui  
Daniel Mathalon  
Lauren Moran  
Rajendra Morey  
Alexandra Moussa-  
Tooks  
Guarav Patel  
Jair Soares  
Marin Veldic  
Myrna Weissman

## A.E. BENNETT AWARD

Alessandra Passarotti,  
Chair  
Kathryn Cullen, Co-Chair  
Olusola Ajilore  
Gregory Fonzo  
Yasmin Hurd  
Christie Rabinak

## NOMINATING

Stephen Strakowski,  
Chair  
Jonathan Morrow  
Kerry Ressler  
Manpreet Singh

*Thank you!*

# 2024 AWARD RECIPIENTS

SOBP is proud to honor its 2024 Honorific Awardees. The following awards will be given at the Annual Business Meeting on Friday, May 10.

## HONORIFIC AWARDS

### A.E. BENNETT CLINICAL/TRANSLATION AL RESEARCH AWARD

*To recognize  
clinical/translational research  
in biological psychiatry by  
young investigators.*

James Murrough, MD,  
PhD

Icahn School of Medicine at Mount  
Sinai

Nolan Williams, MD

Stanford University

### A.E. BENNETT BASIC RESEARCH AWARD

*To recognize basic research in  
biological psychiatry by young  
investigators.*

Sandra Sanchez-  
Roige, PhD

University of California San Diego

### CNNI BEST PAPER AWARD

*To recognize a top original research  
paper published in BP: CNNI over the  
prior 12 months.*

Carmen-Silva Sergiou,  
PhD

Amsterdam University Medical  
Centre

J.D.M. van Dongen  
PhD

Erasmus University Rotterdam

### EDUCATOR AWARD

*The Award recognizes and honors the  
efforts of outstanding teachers and  
their endeavors to promote and  
disseminate the understanding of  
biological psychiatry at the local,  
national or international levels*

Charles B. Nemeroff, MD,  
PhD

Dell Medical School University of  
Texas at Austin

### GEORGE N. THOMPSON AWARD

*To honor members of the Society  
who have given outstanding  
service to promote the welfare of  
the organization.*

Sarah J. Short, PhD

University of Wisconsin - Madison

### GOLD MEDAL AWARD

*To honor significant and sustained  
work that advances and extends  
knowledge in biological psychiatry.*

Mary L. Phillips, MD

Department of Psychiatry, University  
of Pittsburgh

### GOS BEST PAPER AWARD

*To recognize a top original research  
paper published in BP:GOS over the  
prior 12 months.*

Oliver Pain, Ph.D.

King's College London

### HUMANITARIAN AWARD

*To recognize service and advocacy  
for mental illness.*

Arthur C. Evans, Jr., PhD

American Psychological Association

### SOMERFELD-ZISKIND RESEARCH AWARD

*To stimulate investigations in  
biological psychiatry by senior  
investigators.*

Kelly Rowe Bijanki,  
PhD

Baylor College of Medicine

Sameer A. Sheth, PhD

Baylor College of  
Medicine

Peter Gasser, MD

University of Basel Switzerland

Friederike Holze, PhD

University Hospital Basel

*Congratulations!*

# 2024 AWARD RECIPIENTS

SOBP is proud to honor its 2024 Travel Awardees. The following awards will be given at the Annual Business Meeting on Friday, May 10.

## TRAVEL AWARDS

### CHAIR'S CHOICE

Athina Aruldass  
Bryan Barksdale  
Andrea Boscutti  
Calvin Chan  
Lindsey Crown

Tova Gardin  
Matthew Howe  
Shixie Jiang  
Kyle Ketchesin  
Bryan Kromenacker

Nicholas Murphy  
Stephanie Puig  
Seth Reighard  
Maxwell Roeske  
Nick Stowe

### DOMESTIC

Ruth Asch  
Scott Blain  
Robin Bonomi  
Wei-li Chang  
Tina Chou  
Shinnyi Chou  
Kevin Clancy  
Dibyadeep Datta  
Quentin Devignes  
Andrew Gerlach  
Sasha Gorrell  
Abigail Greene  
Keiko Kunitoki  
Miguel Á. Luján

Ahmad Mayeli  
Mandy Meijer  
Elizabeth Mulligan  
Nicole Provenza  
Brent Rappaport  
Yasna Rostam Abadi  
Tobias Schwippel  
Matthew Sloan  
Sarah Sperry  
Carissa Tomas  
Lucas Trambaiolli  
Jenna Traynor  
Kalyan Tripathy  
Aliona Tsypes

Erica Vieira  
Alecia Vogel  
Jonathan Vogelgsang  
Kenneth Wengler  
Yasmin Zakiniaez  
Katharine Dunlop  
(2023)  
Lief Fenno (2023)  
Enock Teeffe (2023)  
Trisha Chakrabarty  
(2020)  
Anjali Sankar (2020)

*Congratulations!*

# 2024 AWARD RECIPIENTS

SOBP is proud to honor its 2024 Travel Awardees. The following awards will be given at the Annual Business Meeting on Friday, May 10.

## TRAVEL AWARDS

### INTERNATIONAL

Alec Jamieson

Laura Han

Jairo Gonzalez-Diaz

Frederike Stein

Suhas Ganesh

Reut Naim

Laura Fusar-Poli

Akihiro Takamiya

Shinichiro Takiguchi

Ngozi Onu

Bochao Lin (2023)

Sulochana Joshi (2022)

### PRE-DOCTORAL SCHOLARS

Natasha Z. Anita

Jenna Bissonnette

Corinne Carlton-Smith

Rowena Chin

Kira Flinkenflügel

Ashley Francis

Jacob W. Koudys

Po-Han Kung

Erin Martin

Andrea Maxwell

Jocelyn Ricard

Benjamin Roberts

Maxine Robinette

Julia Rodriguez-

Sanchez

Charles Schleifer

Maryam Sorkhou

Ryan Sullivan

Wendy Torrens

Andrea Cortes Hidalgo

(2022)

*Congratulations!*



# SCHEDULE

WEDNESDAY, MAY 8

## Registration

12:00 PM - 5:00 PM • JW Grand Salon Foyer

## Predocctoral Scholars Orientation (In-Person Only)

4:00 PM - 5:00 PM • 401

## New Member & Mentor / Mentee Reception (In-Person Only)

5:00 PM - 6:00 PM • 401

## Year 2 & 3 Travel Award Reception (In-Person Only)

6:00 PM - 7:00 PM • 401

THURSDAY, MAY 9

## Registration

7:00 AM - 7:30 PM • JW Grand Salon Foyer

## Continental Breakfast

7:00 AM - 8:00 AM • JW Grand Salon 7/8

## Overflow Meal Seating

7:00 AM - 7:00 PM • 402/403

## Speaker Ready Room

7:00 AM - 4:00 PM • 404

## Exhibitors

7:00 AM - 5:00 PM • JW Grand Salon Foyer

## KiddieCorp

8:00 AM - 9:00 PM • 408/409

## Welcome & Plenary I: Big Picture

8:00 AM - 10:10 AM • JW Grand Salon 5/6

## *Developments in Cardiology that Have Advanced Health Care over the Past Half Century* • JW Grand Salon 5/6

8:10 AM - 8:50 AM

Arshed Quyyumi, FRCP, MD

Emory University

## *Promoting Translational Approaches in Psychiatry*

8:50 AM. - 9:30 AM • JW Grand Salon 5/6

Eric Nestler, MD

Icahn School of Medicine at Mount Sinai

# SCHEDULE

THURSDAY, MAY 9 (CONTINUED)

*The Impact of Translational Neuroscience Approaches on the Treatment of Substance Use Disorders*

9:30 AM - 10:10 AM • JW Grand Salon 5/6

Nora D. Volkow, MD

National Institute on Drug Abuse

Morning Coffee

9:30 AM - 10:30 AM • JW Grand Salon 7/8

*Special Session: The Biological Signature(s) of Suicide*

10:30 AM - 11:30 AM • JW Grand Salon 5/6

Lunch

11:30 AM - 12:45 PM • JW Grand Salon 7/8

*Women's Lunch and Learn | Cultivating Leadership: Reproductive Rights, Mental Health, and Women's Careers in Psychiatry*

11:45 AM - 12:45 PM • JW Grand Salon 5/6

## Concurrent Symposia

*Personalizing Neuroimaging: Methodological Advances and Scientific Insights on Normative Modeling*

1:00 PM - 3:00 PM • JW Grand Salon 5/6

*Taming of the Shrew: Targeting Aberrant Immune-Brain Communications in Depression*

1:00 PM - 3:00 PM • JW Grand Salon 1

*Mechanisms of Sensory Over-Responsivity in Psychiatric Disorders*

1:00 PM - 3:00 PM • JW Grand Salon 2

*Beyond the Mean: New Approaches to Unravelling Individual Variability and Precision Psychiatry*

1:00 PM - 3:00 PM • JW Grand Salon 3

*Integrating Common Data Models From the Hierarchical Taxonomy of Psychopathology (HiTOP), Human Phenotype Ontology (HPO), and the Observed Medical Outcomes Program (OMOP) for Translational Research in Mood Disorders*

1:00 PM - 3:00 PM • JW Grand Salon 4

*Parsing Heterogeneity of Depression for Precision Psychiatry: Translational Medicine Approaches to Target Anhedonia*

1:00 PM - 3:00 PM • Lone Star Salon A

# SCHEDULE

THURSDAY, MAY 9 (CONTINUED)

## Neuroscience in Prime Time

1:00 PM - 3:00 PM • Lone Star Salon B

## Oral Session I: PTSD & Suicide

1:00 PM - 3:00 PM • Lone Star Salon C

## Afternoon Coffee

3:00 PM - 3:30 PM • JW Grand Salon 7/8

## Concurrent Symposia

*Intracranial Neurophysiology in Psychiatric Disorders: Real World Applications*

3:30 PM - 5:30 PM • JW Grand Salon 5/6

*Neural Bases of Sex Differences in Learning and Memory: Implications for Circuits Underlying Psychiatric Disorders*

3:30 PM - 5:30 PM • JW Grand Salon 1

*Brain Mechanisms of Adversity and Anxiety in Nonhuman Primates and Youth*

3:30 PM - 5:30 PM • JW Grand Salon 2

*Cellular to Clinical Phenotyping in Psychosis-Associated Copy Number Variant Disorders: The Search for Translational Biomarkers*

3:30 PM - 5:30 PM • JW Grand Salon 3

*Personalized Psychiatry Insights: Imaging-Derived Predictors of Treatment Outcomes*

3:30 PM - 5:30 PM • JW Grand Salon 4

*Multi-Omics of Substance Use Disorders – Recent Advances and Translational Opportunities*

3:30 PM - 5:30 PM • Lone Star Salon A

*Big Data in Psychiatry: Does It Solve the Reproducibility Problem?*

3:30 PM - 5:30 PM • Lone Star Salon A

*Rising Star Session: Depression*

3:30 PM - 5:30 PM • Lone Star Salon C

*Poster Session I*

5:30 PM - 7:30 PM • Griffin Hall

*Welcome Reception*

7:30 PM - 9:00 PM • Speakeasy

# SCHEDULE

FRIDAY, MAY 10

## Registration

7:00 AM - 7:00 PM • JW Grand Salon Foyer

## Continental Breakfast

7:00 AM - 9:00 AM • JW Grand Salon 7/8

## Early Career Investigator's Breakfast (Invitation Only)

7:00 AM - 8:45 AM • JW Grand Salon 1/2

## Overflow Meal Seating

7:00 AM - 7:00 PM • 402/403

## Speaker Ready Room

8:00 AM - 4:00 PM • 404

## Exhibitors

8:00 AM - 5:00 PM • JW Grand Salon Foyer

## KiddieCorp

8:00 AM - 8:00 PM • 408/409

## *Plenary II: Approaches*

8:30 AM - 10:40 AM • JW Grand Salon 5/6

### *The Development of Neuroimaging Methodologies to Assist in the Diagnosis and Treatment of Alzheimer's Disease*

8:40 AM - 9:20 AM • JW Grand Salon 5/6

Christopher van Dyck, MD

Yale School of Medicine

### *Translational Strategies for Understanding Neural Circuitry Dysfunction in Schizophrenia*

9:20 AM - 10:00 AM • JW Grand Salon 5/6

David Lewis, MD

University of Pittsburgh School of Medicine

### *Using Unique Utah Data to Discover Genetic Factors Leading to Increased Risk of Suicide Death*

10:00 AM - 10:40 AM • JW Grand Salon 5/6

Hilary Coon, PhD,

University of Utah Department of Psychiatry

## Morning Coffee

10:40 AM - 11:00 AM • JW Grand Salon 7/8

### *Special Session: The Biological Psychiatry Cover Art Initiative: Addressing the Underrepresentation of Black People on the Journal Cover Through a Series of Commissioned Artworks*

11:00 AM - 12:00 PM • JW Grand Salon 5/6



# SCHEDULE

FRIDAY, MAY 10 (CONTINUED)

Business Meeting & Awards

12:00 PM - 12:30 PM • JW Grand Salon 5/6

SOBP Journal Editor's Board Meeting & Lunch (Invitation Only)

12:30 PM - 1:30 PM • 201/202

Lunch

12:30 PM - 1:30 PM • JW Grand Salon 7/8

Travel Award Programming Year 2 (Invitation & In Person Only)

12:30 PM - 1:30 PM • Brazos

Fireside Chat | *Invisible Disabilities: Disclosure, Destigmatization, & Leveraging Lived Experiences*

12:30 PM - 1:30 PM • 203/204

## Concurrent Symposia

*The Complex Relationships Between Cannabis Use, the Endocannabinoid System and Schizophrenia - Novel Findings From Animals and Human Studies*

1:30 PM - 3:30 PM • JW Grand Salon 5/6

*Translational, Cross-Species Investigations of Approach/Avoidance Decision Making to Identify Novel Treatment Targets for Depression*

1:30 PM - 3:30 PM • JW Grand Salon 1

*Electroconvulsive Therapy - The Most Effective Neurostimulation for Major Depressive Disorder: Mechanism of Antidepressant Response and Side Effects*

1:30 PM - 3:30 PM • JW Grand Salon 2

*Translating Targets Into Treatments: Neuroimaging Informed TMS Clinical Trials*

1:30 PM - 3:30 PM • JW Grand Salon 3

*Disentangling Shared and Unique Epigenomic Profiles of Post-Traumatic Stress Disorder and Major Depressive Disorder*

1:30 PM - 3:30 PM • JW Grand Salon 4

*Federal Funding Panel*

1:30 PM - 2:30 PM • Lone Star Salon B

*Sex/Gender Differences in Bipolar Disorder*

1:30 PM - 3:30 PM • Lone Star Salon A

*Oral Session II: Aging, Development, Sex Differences*

1:30 PM - 3:30 PM • Lone Star Salon C

*Social Media for Science Communication: Challenges and Opportunities*

2:30 PM - 3:30 PM • Lone Star Salon B

# SCHEDULE

FRIDAY, MAY 10 (CONTINUED)

Afternoon Coffee Break

3:20 PM - 4:10 PM • JW Grand Salon 7/8

## Concurrent Symposia

*Challenges in Translational Modeling of Placebo and Nocebo Mechanisms*

4:00 PM - 6:00 PM • JW Grand Salon 5/6

*Social Determinants of Health in Affective and Psychotic Disorders: Outcomes and Neurobiology*

4:00 PM - 6:00 PM • JW Grand Salon 1

*Bringing Precision Psychiatry out of the Lab and Into the Clinic: Developing Biomarkers for Diagnosis, Drug Development, Treatment Selection and Tracking Clinical Status*

4:00 PM - 6:00 PM • JW Grand Salon 2

*Understanding the Epigenetic Effects of Trauma and Therapeutic Implications: From Mouse to Human*

4:00 PM - 6:00 PM • JW Grand Salon 3

*Elevated MAOA and Treatment Resistance in Depression: New Twists on a Classic Hypothesis*

4:00 PM - 6:00 PM • JW Grand Salon 4

*A Transdiagnostic Exploration of the Boundaries Between Threat and Safety Learning*

4:00 PM - 6:00 PM • Lone Star Salon A

*Imaging Studies of Infancy and Early Childhood Provide New Insights Into the Developmental Origins of Behavioral and Mental Health*

4:00 PM - 6:00 PM • Lone Star Salon B

*Oral Session III: Psychosis & Bipolar Disorder*

4:00 PM - 6:00 PM • Lone Star Salon C

*Poster Session II*

6:00 PM - 8:00 PM • Griffin Hall

Early Career Hour

8:00 PM - 9:00 PM • JW Grand Salon 1

LGBTQIA+ Session & Reception

7:30 PM - 9:00 PM • 401

Program Committee Meeting (Invitation Only)

8:00 PM - 9:30 PM • 201-202

# SCHEDULE

SATURDAY, MAY 11

## Registration

7:00 AM - 7:00 PM • JW Grand Salon Foyer

## Continental Breakfast

7:00 AM - 8:30 AM • JW Grand Salon 7/8

## Overflow Meal Seating

7:00 AM - 7:00 PM • 402/403

## Speaker Ready Room

7:00 AM - 4:00 PM • 404

## Exhibitors

8:00 AM - 7:00 PM • JW Grand Salon Foyer

## KiddieCorp

8:00 AM - 7:00 PM • 408/409

## Travel Award Photos

8:00 AM - 5:00 PM • 408/409

## *Plenary: Ketamine Treatments*

8:00 AM - 8:50 AM • JW Grand Salon 5/6

### *The Development of Ketamine for Depression: A Long and Winding Road from Inception to Implementation*

8:10 AM - 8:50 AM

Carlos Zarate, MD

National Institute of Mental Health

## *Plenary III: Treatments*

8:50 AM - 10:10 AM • JW Grand Salon 5/6

### *Device-Based Therapies: Unpacking the Past, Rebuilding the Present, and Re-Tooling the Future of Neuromodulation in Psychiatry*

8:50 AM - 9:30 AM

Sarah Lisanby, MD

National Institute of Mental Health

### *Does Hippocampus Show Early Neural Signals of Psychosis?*

9:30 AM - 10:10 AM

Carol Tamminga, MD

UT Southwestern Medical Center

## Morning Coffee Break

10:10 AM - 10:30 AM • JW Grand Salon 7/8

## *Special Session: Physician-Researcher Pipeline Discussion*

10:30 AM - 11:30 AM • JW Grand Salon 5/6

# SCHEDULE

SATURDAY, MAY 11 (CONTINUED)

## Lunch

11:30 AM - 12:30 PM • JW Grand Salon 7/8

Fireside Chat | Steps Before Beginning a Study: How to Develop a Research Plan for Enhancing Diverse Perspectives

11:30 AM - 12:30 PM • 203/204

Travel Award Programming Year 3 (Invitation & In Person Only)

11:30 AM - 12:30 PM • Brazos

## Concurrent Symposia

*Applying a Neurobiological Lens to Identify Treatment Targets for Eating Disorders and Body Image Disturbance*

12:30 PM - 2:30 PM • JW Grand Salon 1

*Clinical Applications of Precision Imaging*

12:30 PM - 2:30 PM • JW Grand Salon 2

*Neurobiological Adaptations to Social Stressors Throughout the Lifespan*

12:30 PM - 2:30 PM • JW Grand Salon 3

*Evaluating Genetic and Environmental Risks for Prevention of Severe Mental Illness in Adolescence Using Big Data*

12:30 PM - 2:30 PM • JW Grand Salon 4

*Budding Brains: Translational Research on Cannabinoids and the Developing Brain*

12:30 PM - 2:30 PM • JW Grand Salon 5/6

*New and Emerging Approaches for Understanding and Treating Depression in Adolescence*

12:30 PM - 2:30 PM • Lonestar Salon A

*Investigating the Influence of Environmental Stress on Youth Health and Development: Is It Time to Give up Studies of Gene-Environment Interplay?*

12:30 PM - 2:30 PM • Lonestar Salon B

*Oral Session IV: Depression*

12:30 PM - 2:30 PM • Lonestar Salon C

Travel Award Photos (In Person Only)

2:00 PM - 3:00 PM • 201/202

Afternoon Coffee Break

2:30 PM - 3:00 PM • JW Grand Salon 7/8

# SCHEDULE

SATURDAY, MAY 11 (CONTINUED)

## Concurrent Symposia

*Computational Psychiatry Approaches to Suicide Risk*

3:00 PM - 5:00 PM • JW Grand Salon 1

*Using Neurobiology to Personalize Approaches to Treating Hoarding Disorder*

3:00 PM - 5:00 PM • JW Grand Salon 2

*Learning and Cognitive Models in Psychosis Spectrum Illness: Relevance to Delusions*

3:00 PM - 5:00 PM • JW Grand Salon 3

*Brain and Peripheral Multi-Omics Molecular Correlates of Psychiatric Comorbidity: Is It Time to Integrate the Biology?*

3:00 PM - 5:00 PM • JW Grand Salon 4

*Where Rubber Meets the Road: Clinical Utility of Biomarkers to Predict Treatment Outcomes Across Psychiatric Disorders*

3:00 PM - 5:00 PM • JW Grand Salon 5/6

*Global Consortium Science Reveals Novel Genetic, Epigenetic, Brain, and Behavioral Markers of PTSD*

3:00 PM - 5:00 PM • Lonestar Salon A

*Rising Star Session: Bipolar Disorder, Aging, Development, Psychosis*

3:00 PM - 5:00 PM • Lonestar Salon B

*Oral Session V: Addiction, Anxiety, and Depression*

3:00 PM - 5:00 PM • Lonestar Salon C

*Poster Session III*

5:00 PM - 7:00 PM • Griffin Hall



# EVALUATION & CME CREDITS

## Acknowledgement of Financial Commercial Support

No financial commercial support was received for this educational activity.

## Acknowledgement of In-Kind Commercial Support

No in-kind commercial support was received for this educational activity.

## Satisfactory Completion

Learners must complete an evaluation form to receive a certificate of completion. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available. If you are seeking continuing education credit for a specialty not listed below, it is your responsibility to contact your licensing/certification board to determine course eligibility for your licensing/certification requirement.

## Joint Accreditation Statement



In support of improving patient care, this activity has been planned and implemented by Amedco LLC and Society of Biological Psychiatry (SOBP). Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team. Amedco Joint Accreditation #4008163.

## Physicians (ACCME) Credit Designation

Amedco LLC designates this **live activity** for a maximum of **20.25 AMA PRA Category 1 Credits (TM)**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Amedco LLC designates this **enduring material** for a maximum of **96.25 AMA PRA Category 1 Credits (TM)**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

*\*Please note the 20.25 live hours cannot also be claimed as enduring hours.*

## Objectives - After Attending This Program You Should Be Able To

1. Identify biological mechanisms involved in the development, treatment, and intervention of psychiatric illnesses.
2. Describe new developments in the utilization of network and path approaches to understanding complexity in psychiatric neuroscience.
3. Identify the pros and cons of network, pathway, parallel analytic, and big data approaches compared to focused, candidate-driven, and serially organized scientific approaches.

## Continuing Education Credits & Certificate of Attendance

There is a \$40.00 charge to apply for CME credits. There is no charge to request a certificate of attendance. Once you have completed the evaluation, you will be asked if you would like to apply for CE credits or a certificate of attendance. Select 'Apply for Hours' and it will direct you to login and attest the sessions you attended. Once complete, your certificate will be emailed to you immediately. Additional information regarding CEs is below.

The deadline to complete the evaluation and request a certificate is July 11, 2024. The evaluation will be sent at the conclusion of the in-person conference.

A scenic view of the Toronto skyline across a body of water, featuring the CN Tower and various skyscrapers under a blue sky with light clouds. The water reflects the buildings and the sky.

S  
O  
B  
P

Save the Date

April 24 – 26, 2025

SHERATON TORONTO | **TORONTO, CANADA**