

SOCIETY OF BIOLOGICAL PSYCHIATRY PROGRAM BOOK

2021 VIRTUAL MEETING

APRIL 29 — MAY 1, 2021



#SOBP2021

SOBP.ORG

PRESIDENT'S WELCOME

Society of Biological Psychiatry's 2021 Meeting A once-in-a-lifetime event!

Although we will not be able to gather in San Diego as planned, due to the extraordinary efforts of multiple individuals the all-virtual 2021 Annual Meeting of the SOBP is certain to be a superb and unique event, capturing much of what always makes our meeting so valuable with some new twists. A once-in-a-lifetime feature of the upcoming meeting is the combination of the 2020 and 2021 meeting themes into a single meeting. Two meetings in one!

This year's theme is *"Variability and Scale in Psychiatric Neuroscience: How You Seek Determines What You Find"*

Due to the pandemic, the superb plenary program planned for the 2020 meeting planned by Past President Karen Berman and Past Program Chair Judy Ford had to be canceled. But all those speakers have agreed to present in 2021! This well-tuned program of plenaries addresses fundamental, thought-provoking questions: What confers the variability that makes us each such unique individuals? And what goes awry in neuropsychiatric disease? The first day's plenary talks are organized around "Origins and Sources of Biological Variability: Genes, Brain, and Environment," The second day's talks address "Variability across the Lifespan," and the final day's feature "Variability in Complex Traits and Clinical Phenomena." This constellation of presentations will cover a broad range of topics from human origins to human aging, from genes and environment to their interactions, from adolescence to autism, from placebo responders to non-responders. The plenary speakers themselves – hailing from South Africa, Italy, Germany, and Scotland, and from both coasts and the mid-section of the USA -- embody the variability and diversity of backgrounds, experiences and approaches necessary for a better world and better science.

The presenters for the 2021 Virtual Meeting comprise of a broad array of investigators, including both seasoned and newly minted scientists, from clinicians to full-time researchers, from students to educators, and from fellows to junior clinicians. They come from a variety of institutions -- academia, government and industry --with a common goal of understanding serious mental illnesses and a common hope of finding treatments and even preventions.

Although we are all disappointed not to be able to see each other in person in sunny San Diego this year, we are very excited about the outstanding virtual platform. In particular, an innovative split poster session will allow for sustained interactions without distractions both unwelcome (noise, crowding) and perhaps more welcome (a cold beverage). Regardless, it is our hope that the platform allows us to sustain old ties and make new connections – which is ultimately one of the most important goals of SOBP.

David Lewis, SOBP President
Leanne Williams, 2021 Program Chair
Ted Satterthwaite, 2021 Associate Program Chair

2020 – 2021 SOBP Officers & Councilors

*Thank You for
Your Service!*

PRESIDENT

David Lewis, MD
University of Pittsburgh School of
Medicine

PRESIDENT-ELECT

Judith Ford, MD
University of California, San Francisco

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Karen Berman, MD
National Institute of Mental Health

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Scott Rauch, MD
McLean Hospital

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Trey Sunderland, MD
Society of Biological Psychiatry

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Kristina Deligiannidis, MD (2019-2022)
Mary Phillips, MD (2019-2024)
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2021)
Carol Tamminga, MD (2018 – 2023)

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Yale University School of Medicine

EDITOR, COGNITIVE NEUROSCIENCE AND NEUROIMAGING

Cameron S. Carter, MD
UC Davis Imaging Research Center

Congratulations to our Newest Councilors!

PRESIDENT-ELECT

Linda Carpenter, MD

COUNCILOR

Dost Ongur, MD, PhD

JUNIOR COUNCILOR

Annamarie MacNamara, PhD

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 THE SOCIETY

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.

The Society of Biological Psychiatry has made it economical and easy to become a member. Since the SOBP has as a major goal the development of junior scientists, you can apply for membership with 5 peer-reviewed publications. If you have fewer publications, you can apply for Associate Membership or Student Member. Residents of the USA, Canada and Mexico (North America) are eligible for regular membership.

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.

JOIN TODAY!
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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 is an official journal of the Society for 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 focuses on studies using the tools and constructs of cognitive neuroscience, including the full range of non-invasive neuroimaging and human extra- and intracranial physiological recording methodologies. It publishes both basic and clinical studies, including those that incorporate genetic data, pharmacological challenges, and computational modeling approaches. The journal publishes novel results of original research which represent an important new lead or significant impact on the field. Reviews and commentaries that focus on topics of current research and interest are also encouraged.

Biological Psychiatry: Global Open Science

The new journal will fill an important gap in what is now the *Biological Psychiatry* family of journals. That gap could be defined in two ways. First, *BP:GOS* will be a fully open-access journal. It is intended to be aligned with global initiatives to promote the dissemination of science through open access, such as Plan S (<https://www.coalition-s.org/>) and the goals of open science more broadly. Second, this new journal will complement both *BP* and *BP:CNNI*.

BP:GOS will provide an analogous home for papers in molecular, cellular, and systems neuroscience as well as experimental therapeutics—areas typically not covered by *BP:CNNI*. Further, it will publish papers in computational and cognitive neuroscience and neuroimaging referred from both *BP* and *BP:CNNI*, as well as direct submissions to *BP:GOS* in all of these areas. As with *BP* and *BP:CNNI*, the editors of *BP:GOS* will make the submission and review process as easy, rapid, and constructive as possible. Further, with support of its publisher, Elsevier, and the Society of Biological Psychiatry, we have kept the publication fee as low as possible with careful attention to the needs of individuals with limited resources.

2021 Scientific Program Committee

Thank you!

Leanne Williams, 2021 Program Chair

Theodore Satterthwaite, 2021 Associate Program Chair

Amit Anand
Victoria Arango
Bengi Baran
Katherine Burdick
Joan Camprodon
Jessica Cohen
Cheryl Corcoran
Philip Corlett
Kathryn Cullen
Laramie Duncan
Daniel Eisenberg
Damien Fair
Adriana Feder
Brisa Fernandes
Erika Forbes
Jay Fournier
Gabriel Fries
Flavio Frohlich
Lawrence Fung
Justine Gatt
Tamar Green
Michael Gregory
Tamar Gur
Suzanne Haber
Paul Hamilton
Mary Heitzeg
Mi Hillefors
Thomas Hyde

Mayuresh Korgaonkar
Scott Langenecker
Amanda Law
Alex Leow
Dara Manoach
Robert McCullumsmith
Michael Milham
Sarah Morimoto
Robin Nusslock
Desmond Oathes
Martin Paulus
David Roalf
Cynthia Rogers
Carl Schwartz
Martha Shenton
Sarah Short
Manpreet Singh
Kevin Spencer
Edith Sullivan
Chad Sylvester
Philip Szeszko
Rudolf Uher
Benjamin Wade
Thomas Weickert
Susan Whitfield-Gabrieli
Alik Widge
Jong Yoon
Kymberly Young

2020 - 2021 Committee Members

A.E. Bennett Award

E. Sherwood Brown - Chair
Alessandra Passarotti - Co Chair
Cynthia Bethea
Roscoe Brady
E. Sherwood Brown
Alessandra Passarotti
Crystal Schiller
Anantha Shekhar
Gustavo Turecki
Jong Yoon

Education

Scott Aaronson
Mayada Akil
Amit Anand
Jacqueline Clauss
Katherine Cole
Elisabetta C. del Re
Irina Esterlis
Sophie George
Tamar Gur
Ronald Hammer
Manish Jha
Michael Ostacher
Noah Philip - Chair
Konasale Prasad
Kathryn Ridout
David Ross
Emily Stern
Michael Travis - Chair
Shau-Ming Wei
Aliza Wingo

Honorific Awards

Karen Berman
David Lewis - Chair
Mary Phillips
Carol Tamminga
Naser Ahmadi
Hilary Blumberg
David Hsu
Helen Mayberg
Kerry Ressler

Stephen Strakowski

Inclusivity Task Force

Katherine Aitchison - Chair
Kale Edmiston
Yasmin Hurd
Kaela Kuitchoua
Frank MacMaster
Jonathan Morrow
Nicole Smith
Monsheel Sodhi
Stephen Strakowski

Membership Chair

Kathryn Ridout

Nominating

John Csernansky - Chair
Kristina Deligiannidis - Co-Chair
Scott Rauch
Paul Holtzheimer
Ned Kalin
Jonathan Morrow
Konasale Prasad

Travel Award

Daniel Mathalon - Chair
Marin Veldic - Co-Chair
Suzanne Avery
Ram Bishnoi
J Raymond DePaulo
Breno Diniz
Yogesh Dwivedi
Brisa Fernandes
Guido Frank
Gabriel Fries
Marie Gaine
Charles Gillespie
Rodrigo Grassi-Oliveira
Raz Gross
Paul Hamilton
Sarah Kayser
Sahib Khalsa
Maju Koola

Tiffany Love

Annmarie MacNamara
Pamela Mahon
Timothy Mariano
David Matuskey
Marta Pecina
Hannah Reed
Sudhakar Selvaraj
Kevin Spencer
Emma Sprooten
Jonathan Stange
Jennifer Stevens
Cenk Tek
Sanne van Rooij

Women's Leadership Group

Carrie Bearden - Chair
Sophia Frangou - Chair
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Helen Mayberg
Myrna Weissman
Katherine Aitchison
Huda Akil
Victoria Arango
Karen Berman
Hilary Blumberg
Linda Carpenter
Barbara Cornblatt
Melissa DelBello
Naomi Fineberg
Judith Ford
Raquel Gur
Amanda Law
Ellen Leibenluft
Maria Oquendo
Uma Rao
Yvette Sheline
Sarah Short
H. Blair Simpson
Trisha Suppes
Carol Tamminga
Sophia Vinogradov
Leanne Williams

2020 AWARD RECIPIENTS

Humanitarian Award

For service and advocacy to mental illness

Tami Benton, MD

University of Pennsylvania
Philadelphia, PA

Gold Medal Award

To honor pioneering contributions in the field of Biological Psychiatry

Carol Tamminga, MD

UT Southwestern Medical Center
Dallas, TX

Suzanne Haber, PhD

University of Rochester
Rochester, NY

George N. Thompson Award

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

Mary Phillips, MD

University of Pittsburgh
Pittsburgh, PA

Somerfeld-Ziskind Research Award

To stimulate research in biological psychiatry

Theo Van Erp, PhD

University of California, Irvine
Irvine, CA

A. E. Bennett Research Award

To stimulate research in biological psychiatry in basic and clinical/translational research

Michael Fox, MD, PhD

Harvard University
Cambridge, MA
(clinical/translational research)

Shelly Flagel, PhD

University of Michigan
Ann Arbor, Michigan
(basic research)

Educator Award

Sophia Frangou, MD

Icahn School of Medicine at Mt. Sinai
New York, NY

Congratulations!

2021 AWARD RECIPIENTS

Humanitarian Award

For service and advocacy to mental illness

**National Alliance
on Mental Illness**
Arlington, VA

Gold Medal Award

*To honor pioneering contributions
in the field of Biological Psychiatry*

Daniel Geschwind, MD
David Geffen School of
Medicine, UCLA
Los Angeles, CA

George N. Thompson Award

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

Karen Berman, MD
National Institute of Mental
Health
Bethesda, MD

Educator Award

Mayada Akil, MD
Georgetown University
Washington, D.C.

Congratulations!



Somerfeld-Ziskind Research Award

To stimulate research in biological psychiatry

Gunes Sevinc, PhD
Harvard Medical School
Cambridge, MA

Leah Mayo, PhD
Linköping University
Linköping, Sweden

A. E. Bennett Research Award

*To stimulate research in biological
psychiatry in basic and
clinical/translational research*

Alik Widge, MD, PhD
University of Minnesota
Minneapolis, MN
(clinical/translational research)

Vikaas Sohal, MD, PhD
University of California - SF
San Francisco, CA
(basic research)

Save the Date

NEW ORLEANS

April 28 – 30, 2022 • Hilton New Orleans



Important Dates

- Scientific Submissions Open—September
- Registration Opens—December
- Late Breaking Posters—February

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