STANFORD CENTER FOR PRECISION MENTAL HEALTH AND WELLNESS

THE FUTURE OF PERSONALIZED NEUROSCIENCE AND MENTAL HEALTH



2ND ANNUAL SYMPOSIUM

September 28, 2022

Our vision is for an entirely new approach to mental health, bridging the gap between neuroscience and the clinical treatment of mental health disorders. To do so we leverage rapid advances in technology and data sciences. Our Center is fortuitous to act as a connector across people, disciplines, and schools.

As articulated by Opening Plenary speaker, NIMH Director Dr. Joshua A. Gordon, our common goal is to foster integrated large-scale approaches to furthering precision psychiatry.

OPENING PLENARY

Dr. Joshua A. Gordon

From Discovery to Cure: Accelerating the Development of New and Personalized Interventions for Mental Illnesses



Precision medicine approaches have transformed how we understand and care for other complex disorders, including cancers, heart disease and infectious disease. We have not yet witnessed such breakthroughs for mental illnesses despite the devastation they cause.

Our theme for the event was one of hope, 'The Future for Precision Neuroscience and Mental Health'.

Many of us have been impacted by mental illnesses, personally or through our loved ones. Every 40 seconds another person ends their life due to mental illness. This number is reported by the World Health Organization. We believe these tragedies are preventable, and that we can do something about it.

Attendees were in for a treat, hearing talks throughout the day sharing breakthroughs that can transform lives now.

Thank you to each of our exceptional speakers, their findings are at the very cutting edge of precision neuroscience diagnostics and therapies.

EVENT SPEAKERS:



Joshua A. Gordon, MD, PhD

Director of the National Institute of Mental Health

From Discovery to Cure: Accelerating the Development of New and Personalized Interventions for Mental Illnesses



Olu Ajilore, MD, PhD

Professor of Psychiatry, University of Illinois-Chicago

Neural and digital signatures of affective disorders



Zhenan Bao, PhD

K.K. Lee Professor of Chemical Engineering

Next-generation wearable developments for wellness and precision mental health



Karl Deisseroth, MD, PhD

D.H. Chen Professor of Bioengineering

Translational neuroscience of drug-altered states



Boris Heifets, MD, PhD

Assistant Professor of Anesthesiology, Perioperative and Pain Medicine

Rapid acting mental health therapeutics



Ruth O'Hara, PhD

Lowell W. and Josephine Q. Berry Professor of Psychiatry and Behavioral Sciences

Cognition, emotion and risk factors across the lifespan



Alan Schatzberg, MD

Kenneth T. Norris, Jr. Professor of Psychiatry and Behavioral Sciences

Innovative therapeutics for mood disorders

TALKS

Click Below to Watch Now








We are grateful to each of the supporters of our Center projects and faculty, without you, the work would not be possible. We look forward to continuing exciting partnerships.

We are extremely proud that the Center has grown to more than 70 faculty members and many early career investigators in just a few years.

To learn more about our Center, I invite you to look through the articles, videos, and podcasts featured on our **website**.

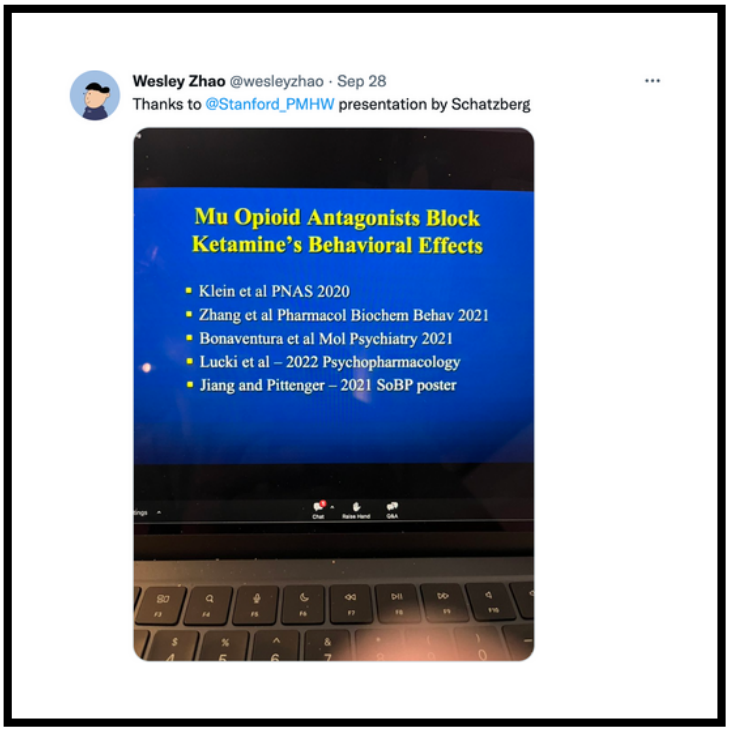
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Alice Woo
















Zhenan Bao








Idea
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NEW VISIONS FOR MENTAL HEALTH CARE

What would it take to translate cutting-edge science into accessible, effective mental health care? We need to scale these new tools, make them more accessible and introduce them to the next generation of mental health professionals.

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SPECIAL REPORT: PRECISION PSYCHIATRY- ARE WE GETTING CLOSER?

Precision psychiatry presents a new path forward for connecting each patient with the exact treatments he or she needs, sooner, by using advances in science and technology.

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