

Friday
September 26,
2025

LKSC
291 Campus Dr
Stanford, CA

Poster & Networking Session

1. Associations Between Objective Sleep Duration, Night-to-Night Variability, and Sleep Onset with Emotion Regulation and Internalizing Symptoms in Adolescents: Findings from the ABCD Study

Sarah Sampaio Izabel, Orsolya Kiss, Adam J. Krause, Ethan T. Hunt, Alexandra Potter, Micah Johnson, Sarahjane Dube, Nicholas Allgaier, Hugh Garavan, Andrea Goldstein-Piekarski

Presenter: Sarah Sampaio Izabel, BS

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

2. Treatment Expectation is the Strongest Predictor of Willingness to Participate in Psychedelic Clinical Trials

Anna Paige Payton, Josie Flohr, Boris D. Heifets, Pilleriin Sikka

Presenter: Anna Payton, BA

Affiliation: Heifets Lab, Department of Anesthesiology, Perioperative and Pain Medicine

3. Visualizing Excitatory and Inhibitory Synapses in Schizophrenia With Array Tomography

Bryan Tran, Agnieszka Kalinowski, Marcus Ho, Gordon Wang, Phillipe Mourrain, Alexander E. Urban

Presenter: Bryan Tran, Undergraduate Student

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

4. Irritability in Children with Rasopathies, Insights into Emotional Dysregulation and Social Skills Impairments

Odeya Russo, Yaffa Serur, Naomi Fuhrman, Tamar Green

Presenter: Odeya Russo, BS

Affiliation: Division of Interdisciplinary Brain Sciences, Department of Psychiatry and Behavioral Science, Stanford School of Medicine

5. Impulse Control in Focus: Rethinking Impulsivity in Youth with ADHD

Jennifer Bruno, Elveda Gozdas, Abigail Tindall, Lauren Dacorro, S.M. Hadi Hosseini

Presenter: Jennifer Bruno, PhD

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

6. Using Hierarchical Factor Structures of Self Report Questionnaires to Improve ML Prediction of Treatment Resistant Depression

Chaodan Luo, Xiao Liu, Stephen Read

Presenter: Chaodan Luo, PhD Student

Affiliation: Department of Psychology, University of Southern California

7. PTSD Symptom Clusters and Their Differential Response to rTMS Treatment

Mia Gonzalez, Samantha Ward, Robert Hickson, Michelle Madore

Presenter: Mia Gonzalez, BS

Affiliation: Department of Veterans Affairs Palo Alto

8. A Wearable fNIRS Platform for At-Home Deep Phenotyping in ADHD: Toward Precision Psychiatry

Saba Faghihzadeh, Ali Rahimpour Jounghani, Laura Moreno, Ivy Kilar, Hadi Hosseini

Presenter: Saba Faghihzadeh, BS

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

9. Measuring Engagement of Videos for Depression with Precision: A Collaborative Study with a Peruvian Team

Blanca S. Pineda, Rita Orihuela-Anaya, Dany Araujo, Enrique Benavente, Ricardo F. Muñoz

Presenter: Blanca S. Pineda, EdD

Affiliation: Institute for International Internet Interventions for Health (i4Health), Palo Alto University

10. Precision Insights for Adolescent Mental Health: Tailoring Early Physical Activity Interventions to Enhance Cognition and Emotional Health

Denise Kohlhepp, Helen Dawes, Gaia Scerif, Karen Mansfield

Presenter: Denise Kohlhepp, PhD Student

Affiliation: Experimental Psychology, Medical Sciences Division, University of Oxford, UK

11. Dissociable Associations of Hedonic Capacity and Positive Arousal with Univariate and Multivariate Neural Signatures of Reward Anticipation

Ryan Yan, Leili Mortazavi, Clara Yang, Brian Knutson

Presenter: Ryan Yan, PhD Student

Affiliation: Department of Psychology, Stanford University

12. Exploring Transdiagnostic Neural Markers of Attentional Deficits in Neurodevelopmental Disorders

Shwetha Patil, Elizabeth Kammer, Zhiyao Gao, Weidong Cai

Presenter: Shwetha Patil, BA, BS

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

13. Symptom-Level Analysis of the PHQ-9 Reveals TMS Reduces Suicidal Ideation in Both Veterans With and Without PTSD

Bo Dehm Wicklund, Nicole D. Evangelista, Lisa N. Cruz, Michelle R. Madore

Presenter: Bo Dehm Wicklund, BA

Affiliation: Department of Veterans Affairs Palo Alto

14. Sleep On It: The effect of Sleep and Early Response on rTMS for Depression

Alesha Heath, Emilee Brussow, Heide Klumpp & Michelle Madore

Presenter: Alesha Heath, PhD

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

15. Evaluating Augmentation of Anti-Suicidal Effects of Intravenous Ketamine by Low Oral Doses of Opioid Receptor Partial Agonism

Jason Tucciarone, Igor D. Bandeira, Christine Blasey, Ian H. Kratter, Jarrod Ehrie, Heather Pankow, Maureen Chang, Jessica Hawkins, Boris Heifets, Alan Schatzberg

Presenter: Jason Tucciarone, MD, PhD

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

16. The Community-Accountability Model for Psilocybin-Assisted Therapy: Leveraging Responsible Collaboration to Promote Safe, Equitable, Inclusive, and Culturally Sensitive Care

Devin Atherton

Presenter: Devin Atherton, BA

Affiliation: W.M. Keck Science Department, Pitzer College

17. Leveraging Large Language Models and Patient Portal Messages for Early Detection of Depression

Jiyeong Kim, Stephen P. Ma, Julia Adler-Milstein, John Torous, Jonathan H. Chen, Carolyn I. Rodriguez, Eleni Linos

Presenter: Jiyeong Kim, PhD, MPH

Affiliation: Department of Medicine, Stanford Center for Digital Health

18. The SYSTEMAATIC Project: Systems-based, Multidisciplinary Assessment of Adversity and Toxic Stress for Individualized Care

Rachel Gilgoff, Jackson Schuetz, Ali Rahimpour Jounghani, Ella Sandrine Parsons, Ryan Pilkington, Rajni Kaur Badhan, Sharon Chinthrajah, Hadi Hosseini, Sayantani B. Sindher

Presenter: Rachel Gilgoff, MD

Affiliation: Sean N Parker Center for Allergy and Asthma Research, Department of Pediatrics, Division of Allergy and Immunology, Stanford School of Medicine

19. Generating Personalized Interventions using Human-in-the-Loop AI

Anna Xu, Insub Kim, Anjie Cao, Alex Durango, Jiwon Yeon

Presenter: Insub Kim, PhD

Affiliation: Department of Psychology, Stanford University; Fusiform

20. Examining the Immediate Psychophysiological Effects of Four Stress Reduction Practices

Cassidy Kinderman, David Spiegel, Bitu Nourani, Corey Saperia, Saumya Bharti, Cameron Glick, Manish Saggat, Eric Neri

Presenter: Cassidy Kinderman, BA

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

21. COVID-19 Lockdown Impacts Children with Autism: Changes in Applied Behavioral Analysis and Quality of Life

Adriana Victoria

Presenter: Adriana Victoria

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

22. Automated Red Teaming of LLMs in Mental Health Contexts

Robbie Fraser, Duncan Eddy, Max Lamparth, Nina Vasan, Paul Rust, Darja Djordjevic, Eugenia Kim, Kiana Jafari, Akanksha Dadlani

Presenter: Robbie Fraser, MS

Affiliation: Stanford Brainstorm (Lab for Mental Health Innovation), Stanford Medicine

23. Neurophysiological Correlates of Psychedelic Experience are Retained During General Anesthesia

Palmer, A. J., Hietamies, T. M., Sikka, P., Casey, A. B., Zhao, W. J., Rijsketic, D., Rastegar, Z., Deverett, B., & Heifets, B. D.

Presenter: Alexander Palmer, BS

Affiliation: Department of Anesthesia, Stanford School of Medicine

24. A Step Toward Precision Transcranial Magnetic Stimulation for Alcohol Use Disorder: an fMRI -Based, Data-Driven Approach to Guide Future TMS Trials for AUD

Daniel M. McCalley, Claudia B. Padula

Presenter: Dan McCalley, PhD

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

25. Attitudes on Artificial Intelligence: A Qualitative Analysis

Ideen Kiafar and Thomas Tarshis

Presenter: Ideen Kiafar, DO, MS

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

26. Assessment of A.I. Augmentation in Mental Health Clinical Documentation

Ideen Kiafar and Thomas Tarshis

Presenter: Ideen Kiafar, DO, MS

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

27. Dynamic Mediodorsal Thalamus Activity Predicts Psilocybin Treatment Outcome in Treatment-Resistant Depression

Xue Zhang, Emily Zhai, Claire Bertrand, Sara Ellis, Isabelle Wydler, Anna Donnelly, Trisha Suppes & Leanne M. Williams

Presenter: Xue Zhang, PhD

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

28. Individualized Functional Connectome Enhances Severity Prediction in Major Depressive Disorder

Liangfang Li, Jiehui Qian, Ying Lin and Zhengjia Dai

Presenter: Liangfang Li, PhD

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

29. Developing Clinically Interpretable Neuroimaging Biotypes in Psychiatry

Jeesung Ahn, Lara Foland-Ross, Teddy J. Akiki, Leyla Boyar, Isabelle Wydler, Catherine Bostian, Xue Zhang, Hyun-Joon Yang, Andrea Ellsay, Erica Ma, Divya Rajasekharan, Paul Holtzheimer, Kelvin Lim, Michelle Madore, Noah Philip, Olu Ajilore, Jun Ma, Leanne M. Williams

Presenter: Jeesung Ahn, PhD

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine

30. Reducing Connectivity Between Prefrontal Stimulation Sites and the Default Mode Network is Associated with Transdiagnostic Symptom Improvement in TMS for Depression

Divya Rajasekharan, Michelle R. Madore, Paul Holtzheimer, Kelvin O. Lim, Noah S. Philip, Leanne M. Williams

Presenter: Divya Rajasekharan, PhD Student

Affiliation: Department of Psychiatry and Behavioral Sciences, Stanford School of Medicine