

JILLIAN GIANNINI

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Education

University of Vermont Clinical Psychology Predoctoral Fellow Advisor: Kelly Peck, PhD	September 2022 - Current
University of California, San Diego B.S. Cognitive and Behavioral Neuroscience	June 2021

Research Experience

Vermont Center on Behavior and Health University of Vermont Department of Psychiatry Graduate Research Assistant	July 2023 – Present
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Project: *Novel Telemedicine-Delivered Prolonged Exposure Therapy for Treating PTSD in Individuals with OUD*

Principal Investigator: Kelly Peck, PhD

This study is a telemedicine-delivered 12-week randomized parallel-group comparison of opioid antagonist therapy as usual (TAU), TAU + prolonged exposure therapy (PE), and TAU + Incentivized PE+ in individuals who are stable on methadone or buprenorphine for OUD and have PTSD with a 6-month post-treatment follow up.

Vermont Center on Behavior and Health University of Vermont Department of Psychiatry Graduate Research Assistant	September 2022 – July 2023
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Project: *Treating Posttraumatic Stress Disorder in Patients with Opioid Use Disorder*

Principal Investigator: Kelly Peck, PhD

This study is a 12-week randomized parallel-group comparison of opioid antagonist therapy as usual (TAU), TAU + prolonged exposure therapy (PE), and TAU + Incentivized PE+ in individuals who are stable on methadone or buprenorphine for OUD and have PTSD.

Pacific Treatment and Research Center UC San Diego Health, Department of Psychiatry Clinical Laboratory Assistant	July 2021 – May 2022
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Project: *Novel Pharmacotherapy Approaches in Smokers with Serious Mental Illness*

Principal Investigator: Robert M. Anthenelli, MD

This pilot trial is a Phase IV, 12-week, single center, randomized, double blind, parallel group comparison of low (0.5 mg twice daily with slower titration over one full week) versus standard dose (1.0 mg twice daily with standard titration) varenicline in individuals with DSM-V BD or SSD with a 12-week, post-treatment follow-up.

Project: *A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Study to Evaluate the Safety and Efficacy of EMB 001 in Subjects With Moderate-to-Severe Cocaine Use Disorder*

Sponsor: Embera Neurotherapeutics

Principal Investigator: Robert M. Anthenelli, MD

This study is a Phase 2, randomized, double-blind, placebo-controlled, parallel-group, study to compare the safety and efficacy of EMB-001 with a placebo control in approximately 80 subjects with moderate-to-severe CUD. Subjects will receive investigational medicinal product (IMP) during a 12-week, double-blind Treatment Period (Week 2 through Week 13) and a 1-week, double-blind Taper Period (Week 14).

Project: *Exploring Potential Sex Differences in Neurobiological Mechanisms of Alcohol Sensitivity and Tolerance*

Principal Investigators: Robert M. Anthenelli, MD, Benjamin S. McKenna, PhD

This pilot trial is a single center, randomized, double blind, parallel group comparison of males and female receiving either a low-dose or a high-dose of alcohol. Subjects will complete two laboratory sessions one of these sessions will be completed in an fMRI to assess for functional networks that mediate one's sensitivity to alcohol, and to see how those networks relate to the development of alcohol tolerance.

Pacific Treatment and Research Center
UC San Diego Health, Department of Psychiatry
Clinical Research Intern

February 2021 - July 2021

- Assisted in recruitment of research participants through social media, advertisement creation, and video production.
- Input data and create source documents for participant appointments.
- Assisted in the screening process of participants including taking vitals and collecting urine samples.
- Organize lab materials and assist in preparation of participant blood draws.

Publications

Anthenelli, R. M., McKenna, B. S., **Giannini, J.**, Attaluri, S. V., Rubin, M., O'Crowley, E., Miller, S., & Heffner, J. L. (2023). Combining varenicline preloading with Acceptance and Commitment Therapy (ACT) in persons with serious mental illness who smoke: The randomized ACTSLow pilot feasibility trial. *Drug and Alcohol Dependence*, 253, 111012.

Oral Presentations

Giannini, J. & Peck, K. “Attendance Contingent Financial Incentives to Increase Attendance to Telemedicine-Delivered Prolonged Exposure Therapy Sessions in Individuals with OUD and PTSD” 85th Annual College on Problems of Drug Dependence Conference. June 2023.

Poster Presentations

Giannini, J., Cole, R., Lontine, P., & Peck, K. Is Abstinence from Illicit Substances Related to PTSD Treatment Outcomes in those with Co-occurring PTSD and Opioid Use Disorder? Poster submitted for presentation at the annual convention of the College on Problems of Drug Dependence. June 2024.

Peck, K.R., Heil, S., Mahoney, C.T., Cole, R., & **Giannini, J.** Secondary Analysis of Trials of Prolonged Exposure Therapy Among Adults with Co-Occurring Posttraumatic Stress Disorder and Opioid Use Disorder by Gender. Poster submitted for presentation at the annual convention of the College on Problems of Drug Dependence.

Giannini, J., Cole, R., Lontine, P., Sigmon, S., & Peck, K. Prolonged Exposure Therapy for Individuals with Co-Occurring Posttraumatic Stress Disorder and Opioid Use Disorder: A Randomized Clinical Trial. 11th Annual Vermont Center on Behavior and Health Conference. October 2023.

Giannini, J., Cole, R., Mosca, L., & Peck, K. Individuals with Co-Occurring PTSD and Opioid Use Disorder: The Impact of Illicit Drug Use on PTSD Treatment Outcomes. 39th Annual International Society for Traumatic Stress Studies meeting. November 2023.

Giannini, J., Cole, R., Gadger, G., Mosca, L., Sigmon, S., & Peck, K. The Effect of Prolonged Exposure Therapy on Posttraumatic Stress Disorder Symptom Clusters in Individuals With Opioid Use Disorder. 85th Annual College on Problems of Drug Dependence Conference. June 2023.

Peck, K., Cole, R., **Giannini, J.,** Badger, G., Mosca, L., & Sigmon, S. Prolonged Exposure Therapy for Adults with Concurrent Posttraumatic Stress Disorder and Opioid Use Disorder: Preliminary Results from Two Randomized Pilot Trials. Collaborative Perspectives on Addiction meeting. March 2023.

Peck, K., Cole, R., **Giannini, J.,** Badger, G., Mosca, L., & Sigmon, S. Prolonged Exposure Therapy for Adults with Concurrent Posttraumatic Stress Disorder and Opioid Use Disorder: Preliminary Results from Two Randomized Pilot Trials. 8th Biennial National IDeA Symposium of Biomedical Research Excellence. December 2022.

Anthenelli RM, McKenna BS, **Giannini JA,** Attaluri S, Rubin M, O’Crowley E, Miller S, Heffner J. Combining Varenicline Preloading With Acceptance and Commitment Therapy in Smokers With Serious Mental Illness: The ActSlow Pilot Feasibility Trial. Society For Research On Nicotine And Tobacco. March 2022.

Giannini JA, McKenna BS, Attaluri S, Heffner J, Anthenelli RM. Changes in Insomnia Levels in Seriously Mentally Ill Smokers Making a Quit Attempt: A Pilot Study. Society For Research On Nicotine And Tobacco. March 2022.

Memberships in Professional Societies

College on Problems of Drug Dependence, Member in Training	2022- Current
International Society for Traumatic Stress Studies, Student Member	2023- Current
American Psychological Association, Student Member	2023- Current

Academic Service

Ad Hoc Reviewer – Experimental and Clinical Psychopharmacology	January 2023
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Teaching Experience

University of California, San Diego Undergraduate Instructional Assistant Psychology 71: Laboratory in Psychological Research Methods	September 2020 - December 2020
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This course provided students with hands-on research experience. Lecture topics included experimental and nonexperimental designs, research ethics, data analysis, and causal inference. Groups of students designed original research projects, collected and analyzed data, and wrote a full APA-style report, including a brief literature review relevant to their design.

Honors and Awards

Psychology Honors	2020-2021
The Psychology Honors Program is a 2-year commitment comprised of six research and statistics courses. To graduate with honors, I completed a public presentation of my honors project and submitted a final thesis. My project was on a dynamic model for addiction recovery named ‘Recovery Capital’. For this project, I conducted a community study where I interviewed members of an alcohol and other drugs program at a local university and used these interviews to inform my final thesis.	

Provost Honors	2018 - 2021
This award is given to students who achieve above a 3.7 GPA during the academic quarter.	

Graduate Student Orientation Advising	August 2023
Served on a graduate student panel dedicated to advising incoming graduate students.	