

Curriculum Vitae
Dylan Emily Kirsch PhD
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PROFESSIONAL EXPERIENCE

- Postdoctoral Fellow** 2023 - Present
Department of Psychology, University of California, Los Angeles
Addictions Laboratory, PI: Lara A. Ray, PhD
Mentors: Lara A. Ray, PhD, Erica Grodin, PhD
- Postbaccalaureate Research Associate** 2016 - 2017
Department of Molecular and Medical Pharmacology, Ahmanson Translational Imaging Division
University of California, Los Angeles
Faculty Supervisor: Daniel Silverman, MD, PhD

EDUCATION

- Doctor of Philosophy in Neuroscience** 2017 - 2022
The University of Texas at Austin
Dissertation: Ventral prefrontal network connectivity and alcohol sensitivity in bipolar disorder and typical developing young adults
- Bachelor of Sciences in Psychobiology** 2012 - 2016
University of California, Los Angeles

PUBLICATIONS

Peer Reviewed Publications

1. Grodin EN, **Kirsch DE**, Baskerville WA, Ray LA. Sleep disturbance is associated with greater subjective and neural negative emotionality in people with alcohol use disorder. *Drug Alc Dep.*, 2026. DOI: 10.1016/j.drugalcdep.2026.113084.
2. Belnap MA, McManus KM, **Kirsch DE**, Grodin EN, Ray LA. Reductions in cigarette and cannabis use during a randomized clinical trial for alcohol use disorder. *Alcohol and Alcoholism*, 2026. DOI: 10.1093/alcalc/agag006
3. McManus K, Enders C, **Kirsch DE**, Belnap M, Grodin EN, Ray LA. Peripheral inflammation mediates the relationship between early life stress and alcohol use. *Psychopharmacology*, 2026. *Accepted*.
4. **Kirsch DE**, Grodin EN, Leggio L, McKee SA, Meredith, LR, Mereish, EH, Miranda R, Nieto SJ, O'Malley SS, Schacht JP, Ray LA. The alcohol cue-exposure paradigm as a screening tool for alcohol use disorder medication development: A critical review. *Alcoholism: Clinical & Experimental Research*, 2025. DOI: <https://doi.org/10.1111/acer.70170>.
5. **Kirsch DE**, Ho TC, Wassum KM, Ray LA, Grodin EN. Inflexible orbitofrontal cortex functional connectivity from rest to acute stress in alcohol use disorder. *Addiction Biology*, 2025. DOI: 10.1111/adb.70083.
6. **Kirsch DE**, Grodin EN, Keenan-Miller D, and Ray LA. More than a symptom count: Measuring functioning in alcohol use disorder with the Life Stress Interview. *Journal of Studies on Alcohol and Drugs*, 2025. DOI: 10.15288/jsad.25-00030.
7. **Kirsch DE**, McManus KR, Grodin EN, Nieto SJ, Miranda R, O'Malley S, Schacht J, and Ray LA. Who is alcohol cue-reactive? A machine learning approach. *Alcohol and Alcoholism*, 2025. DOI: 10.1093/alcalc/agaf052.
8. Grodin EN*, **Kirsch DE***, Nieto S, Belnap, M, Castillo Y, Baker N, Wassum KM, Grant KA, Ray LA. The null effect of stress on cognitive flexibility in individuals with and without alcohol use disorder. *Drug Alcohol Dep.*, 2025. DOI: 10.1016/j.drugalcdep.2025.112767 *co-first author

9. Belnap, M, **Kirsch DE**, Grodin EN, and Ray LA. Subjective Response to Alcohol Predicts Motivation to Self-Administer Alcohol in a Progressive Ratio Task. *Experimental and Clinical Psychopharmacology*, 2025. DOI: 10.1037/pha0000792
10. Lippard ETC, **Kirsch DE**, Le V, Lee S, Bibb N, Meek K, Kosted R, Huffman A, Almieda JRC, Fromme K, and Strakowski SM. Nucleus Accumbens Functional Connectivity Changes Underlying Alcohol Expectancies in Bipolar Disorder and Prospective Alcohol Outcomes: a Within-Subject Randomized Placebo-Controlled Alcohol Administration fMRI Study. *Frontiers in Neuroscience*, 2025. DOI: 10.3389/fnins.2025.1549295
11. McManus KR, Belnap M, **Kirsch DE**, Ray LA, and Grodin EN. Effects of alcohol and cannabis co-use on salience network resting state functional connectivity. *Drug Alcohol Dep.*, 2025. DOI: 10.1016/j.drugalcdep.2025.112577
12. **Kirsch DE**, Belnap MA, Kady A, and Ray LA. A narrative review on alcohol use in women: Insight into the telescoping hypothesis from a biopsychosocial perspective. *The American Journal of Drug and Alcohol Abuse*, 2025. DOI: 10.1080/00952990.2024.2419540
13. **Kirsch DE**, Grodin, EN, Gillis AJ, Miotto K, and Ray LA. Does sex moderate the effects of early life stress on peripheral inflammation in alcohol use disorder? A preliminary investigation. *Drug Alcohol Dep.*, 2024. DOI: 10.1016/j.drugalcdep.2024.112474
14. **Kirsch DE**, Grodin EN, Nieto SJ, Kady A, Ray LA. Early life stress is associated with greater negative emotionality and peripheral inflammation in alcohol use disorder. *Neuropsychopharmacology*, 2024. DOI: 10.1038/s41386-024-01877-4
15. **Kirsch DE**, Grodin EN, Ray LA. Characterizing alcohol cue reactive and non-reactive individuals with alcohol use disorder. *Addictive Behaviors*, 2024. DOI: 10.1016/j.addbeh.2024.108028
16. **Kirsch DE**, Ray LA, Wassum K, Grodin EN. Anterior cingulate and medial frontal cortex alcohol cue reactivity varies as a function of drink preference in alcohol use disorder. *Drug Alcohol Dep.*, 2024. DOI: 10.1016/j.drugalcdep.2024.111123
17. Grodin EN, **Kirsch DE**, Belnap MA, Ray LA. Sex differences in neural response to an acute stressor in individuals with an alcohol use disorder. *Alcoholism: Clinical & Experimental Research*, 2024. DOI: 10.1111/acer.15301
18. **Kirsch DE**, Belnap MA, Burnette, EM, Grodin EN, Ray LA. Pharmacological Treatments for Alcohol Use Disorder: Considering the Role of Sex and Gender. *Current Addiction Reports*, 2024. DOI: 10.1007/s40429-023-00535-x
19. **Kirsch DE**, Kosted R, Le V, Almeida JRC, Fromme K, Strakowski SM, and Lippard ETC. Ventral Prefrontal Network Response to Alcohol in Young Adults with Bipolar Disorder and Recent Alcohol Use: a Within-Subject Randomized Placebo-Controlled Alcohol Administration Study. *Neuropsychopharmacology*, 2023. DOI: 10.1038/s41386-023-01657-6
20. Kosted R, **Kirsch DE**, Le V, Fromme K, and Lippard ETC. Subjective Response to Alcohol: Interactive Effects of Early Life Stress, Parental Risk for Mood and Substance Use Disorders, and Drinking Context. *Pharmacology, Biochemistry, and Behavior*, 2023. DOI: 10.1016/j.pbb.2023.173591
21. Lippard ETC, **Kirsch DE**, Kosted R, Le V, Almeida JRC, Fromme K, and Strakowski SM. Subjective Response to Alcohol in Young Adults with Bipolar Disorder and Recent Alcohol Use: a Within-Subject Randomized Placebo-Controlled Alcohol Administration Study. *Psychopharmacology*, 2023. DOI: 10.1007/s00213-023-06315-9
22. **Kirsch, DE**, Le V, Kosted R, Fromme K, and Lippard ETC. Neural underpinnings of expecting alcohol: Placebo alcohol administration alters nucleus accumbens resting state functional connectivity. *Behavioral Brain Research*, 2023. DOI: 10.1016/j.bbr.2022.114148
23. Tretyak V, **Kirsch DE**, Le V, Fromme K, Strakowski SM, and Lippard ETC. Coping Drinking Motives, Neural Functional Connectivity during Emotion Processing, and Alcohol Use in Young Adults with Bipolar Disorder. *Alcoholism: Clinical & Experimental Research*, 2022. DOI: 10.1111/acer.14885.
24. **Kirsch DE**, Tretyak V, Le V, Huffman A, Fromme K, Strakowski SM, and Lippard ETC. Alcohol Use and Prefrontal Cortex Trajectories in Young Adults with Mood Disorders and Associated Clinical Outcomes. *Behavioral Sciences*, 2022. DOI:10.3390/bs12030057
25. **Kirsch DE** and Lippard ETC. Early Life Stress and Substance Use Disorders: Critical Role of Adolescence. *Pharmacology Biochemistry and Behavior*, 2022. DOI: 10.1016/j.pbb.2022.173360
26. **Kirsch DE**, Preston A, Tretyak V, Le V, Weber W, Strakowski SM, and Lippard ETC. Neural Functional Connectivity Changes to Psychosocial Stress in Young Adults with Bipolar Disorder and Associations with Clinical Trajectories. *Bipolar Disorders*, 2022. DOI:10.1111/bdi.13127

27. Mankin, E. A., Aghajan, Z. M., Schuette, P., Tran, M. E., Tchemodanov, N., Titiz, A., Kalender, G., Eliashiv, D., Stern, J., Weiss, S. A., **Kirsch, D.**, Knowlton, B., Fried, I. and Suthana, N. Stimulation of the right entorhinal white matter enhances visual memory encoding in humans. *Brain Stimulation*, 2022. DOI: 10.1016/j.brs.2020.11.015
28. Le V, **Kirsch DE**, Tretyak V, Strakowski SM, and Lippard ETC. Recent Perceived Stress, Amygdala Reactivity to Acute Psychosocial Stress, and Alcohol Use in Young Adults with Bipolar Disorder. *Frontiers Psychiatry*, 2021. DOI:10.3389/fpsy.2021.767309
29. **Kirsch DE**, Tretyak V, Radpour S, Weber WA, Nemeroff CB, Fromme K, Strakowski SM, and Lippard ETC. Childhood maltreatment, prefrontal-paralimbic gray matter volume, and associated substance use in young adults and interactions with risk for bipolar disorder. *Scientific Reports*, 2021. DOI: 10.1038/s41598-020-80407-w
30. Tretyak V, **Kirsch DE**, Radpour S, Weber W, Fromme K, Strakowski SM, and Lippard ETC. Subjective response to alcohol in typically developing emerging adults and those with bipolar disorder, associated alcohol use, and orbitofrontal gray matter volume. *Journal of Affective Disorders*, 2021. DOI: 10.1016/j.jad.2020.10.046
31. **Kirsch DE**, Nemeroff CB, Lippard ETC. Early life stress and substance use disorders: underlying neurobiology and pathways to adverse outcomes. *Adversity and Resilience Science*, 2020. DOI: 10.1007/s42844-020-00005-7
32. **Kirsch DE**, Visnagra L, and Silverman D. Brain PET in the evaluation of cognitive function and dysfunction. *Internal Medicine Review*, 2017. DOI: 10.18103/imr.v3i6.466

Peer-reviewed publications: Under review/In revision

1. **Kirsch DE**, Ray LA, Grodin EN. Additive Effects of Alcohol Use Disorder and Early Life Stress on Negative Emotionality. *Under review*.
2. Grodin EN, **Kirsch DE**, Baskerville WA, Ray LA. Identifying Predictors of Reward and Relief Drinking Using Multivariable and Data-Driven Approaches. *Under review*.

Books & Chapters

1. **Kirsch DE**, Tretyak V, Strakowski SM, and Lippard ETC. Chapter 3: Functional brain imaging in bipolar disorder: activation studies (2021). In: *The Bipolar Brain*, Second Edition (Ed: S.M. Strakowski).
2. **Kirsch DE** and Lippard ETC. Chapter 11: Genetics of bipolar disorder (2019). In: *Bipolar Disorder* (Eds: S. Strakowski, M. DelBellow, C. Adler, D. Fleck).
3. **Kirsch DE**, Belnap M, Kady A, and Ray LA. Alcohol Use Disorder in Women. In: *Women & Health*, 3rd Edition. *In press*.

RESEARCH FUNDING

Active Research Support

Friends of Semel, The Calabrese Family Friends of Semel Scholar Kirsch (PI)
Examining the effects of cytisinicline on neural substrates of negative affect
 This study will elucidate cytisinicline’s effects on the brain processes that underlie negative affect, a key symptom that drives smoking behavior.
 Role: PI Project Period: 04/2025 – 03/2027

Tobacco Related Disease Research Program T34FT8089 Kirsch (PI)
Examining the effects of cytisinicline on neural substrates of cigarette cue-reactivity
 This study will test cytisinicline’s effects on the human brain and examine the neural processes that underlie variability in cytisinicline subjective response.
 Role: PI/Postdoctoral Fellow Project Period: 07/2024 – 06/2027
 Sponsors: Lara Ray, PhD and Erica Grodin, PhD

Completed Research Support

NIAAA F32AA031425 Kirsch (PI)
A clinical neuroscience approach to understand stress coping in alcohol use disorder

This study will assess the psychological experience of chronic stress and dynamic functional connectivity within the brain's stress coping network in a clinical sample with alcohol use disorder (AUD) and matched controls.

Role: PI

Project Period: 02/2024 – 07/2024

Sponsors: Lara Ray, PhD and Erica Grodin, PhD

NIDA

T32DA024635

Ray and Wassum (PIs)

UCLA Training Program in the Translational Neuroscience of Drug Abuse (TNDA)

The purpose of this postdoctoral grant is to provide trainees with the integrative knowledge base needed to conduct bidirectional translational studies including cutting-edge technical laboratory methods, computational approaches in data evaluation, and issues related to ethical treatment of human subjects.

Role: Trainee

Project Period: 01/2023 – 01/2024

NIAAA

F31AA029005

Kirsch (PI)

Ventral Prefrontal Network Connectivity and Alcohol Sensitivity in Bipolar Disorder and Typically Developing Young Adults

This study used placebo-controlled alcohol administration and structural and functional fMRI methods to examine neurobiological mechanisms that underlie altered subjective response to alcohol in bipolar disorder.

Role: PI

Project Period: 09//2022 – 01/2023

Sponsors: Elizabeth Lippard, PhD and Kim Fromme, PhD

University of Texas at Austin

Graduate Dean's Prestigious Fellowship Supplement

Role: PI

Project Period: 09//2022 – 12//2022

Waggoner Center for Alcohol & Addiction Research, University of Texas at Austin

Messing (PI)

Fred Murphy Jones & Homer Lindsey Bruce Endowed Fellowships

This purpose of this fellowship is to support graduate students training in alcohol and addiction research.

Role: Trainee

Project Period: 08//2018 – 08//2022

FELLOWSHIPS, AWARDS & HONORS

UCLA Chancellor's Award for Postdoctoral Research, Nominee	2025
The Calabrese Family Friends of Semel Scholar	2025
Research Society on Alcohol, Junior Investigator Meeting Award	2025
American College of Neuropsychopharmacology, Travel Award	2024
Research Society on Alcohol, Junior Investigator Meeting Award	2024
Research Society on Alcohol, Sex & Gender Satellite Meeting Poster Award Winner	2024
Research Society on Alcohol, Sex & Gender Satellite Meeting Travel Award	2024
Tobacco Related Disease Research Program, Postdoctoral Fellowship	2024
NIAAA Post-doctoral National Research Service Award (NRSA), F32AA031425	2024
NIDA T32 Training Grant Fellow, Translational Neuroscience of Drug Abuse, T32DA024635	2023
Graduate Dean's Prestigious Fellowship Supplement, University of Texas at Austin	2022
NIAAA Pre-doctoral National Research Service Award (NRSA), F31AA029005	2022
Enoch Gordis Research Recognition Award – Finalist, Research Society on Alcoholism	2022
Research Society on Alcoholism Graduate Student Small Grants Program Finalist	2021
Society of Biological Psychiatry Chair's Choice Travel Award Recipient	2020
Texas Research Society on Alcoholism Travel Award Recipient	2019
Waggoner Center for Alcohol & Addiction Research, Fred Murphy Jones & Homer Lindsey Bruce Jones Endowed Fellowship	2018 - 2022
Dean's Honor List, UCLA	2014 - 2016
U.S. Tennis Association (USTA) Southern California Sportsmanship Award	2011

PRESENTATIONS, POSTERS & ABSTRACTS

Invited Presentations

- ACTIVE Workgroup Meeting** November 2025
The alcohol cue-exposure paradigm as a screening tool for alcohol use disorder medication development: A critical review
- USC Mechanisms and Treatment Development Meetings** November 2025
Individual differences in alcohol use disorder trajectories: Behavioral and neural mechanisms
- Pharmacotherapies for Alcohol and Substance use Disorders Alliance (PASA) Investigators Meeting** October 2025
Applying machine learning models to identify clinical and sociodemographic predictors of subjective alcohol cue-reactivity
- Pint of Science** May 2025
Talk Title: Why alcohol affects everyone differently: The science of subjective response
- UCLA Hatos Center for Neuropharmacology Lecture Series** May 2025
Talk Title: Alcohol use and mood: A translational neuroscience perspective
- UCLA Hatos Center for Neuropharmacology 50 Year Anniversary Meeting** April 2025
Talk Title: Clinical and biological correlates of early life stress in alcohol use disorder: Evidence for a distinct subtype
- UCLA Psychology Department Brown Bag – Clinical Area** November 2024
Talk Title: Substance use and mood: A translational neuroscience perspective
- Poster Award Winner - Speaker**
June 2024
Sex & Gender & Alcohol Research Society on Alcohol Satellite Meeting, Minneapolis, MN
Talk Title: Early life stress is associated with elevated c-reactive protein in females but not males with alcohol use disorder
- Symposium - Speaker** June 2023
Research Society on Alcohol, Bellevue WA
Symposium Title: Associations among externalizing characteristics and alcohol responses as predictors and correlates of alcohol problems
Organizer/Chair: Marc A Schickit, M.D.
Presentation: Examining internalizing and externalizing behaviors as moderators of subjective response to alcohol in the human laboratory
- Symposium - Speaker** June 2023
Southern California Substance Addiction Research Training Retreat
Symposium Title: Highlights of Clinical/Translational Neuroscience/Drug Addiction Research
Presentation: Revisiting the neural substrates of alcohol cue-reactivity: Does drink preference matter?
- Enoch Gordis Research Recognition Awards – Paper Session – Student Speaker** June 2022
Research Society on Alcoholism, Orlando, FL
“Placebo Alcohol Administration is Associated with Changes in Ventral Prefrontal Network Resting State Functional Connectivity”
- Symposium – Introduction Speaker** June 2022
Research Society on Alcoholism, Orlando FL
Symposium Title: At the Crossroads of Affective Disorders and Alcohol Use Disorders: Neural Transmission, Subjective and Neural Response to Alcohol, and Role(s) of Stress
Organizer/Chair: Elizabeth Lippard, Ph.D.

Lipaprd ETC, **Kirsch DE**, Le V, Remmers B, Routh B, Kosted R, Tretyak V, Almeida JRC, Fromme K, Strakowski SM
Neural and Subjective Response to Alcohol in Young Adults with Bipolar Disorder

Institute for Neuroscience Dialogue Seminar - Speaker January 2022
The "Institute for Neuroscience Dialogue" Seminar, University of Texas, Austin TX
"Sensitivity to Alcohol: Exploring the Role of Placebo Using fMRI"

UT Brainstorms - Panelist November 2021
UT Brainstorms: A conversation on the brain
"The Open Brain: A Conversation About How Cloud Technologies Help Advance Basic and Clinical Science"
Organizer: Franco Pestilli, Ph.D.

Waggoner Center for Alcohol and Addiction Research Seminar - Speaker June 2021
Waggoner Center for Alcohol and Addiction Research Seminar, University of Texas, Austin, TX
"Neuroimaging to Understand Risk for Alcohol Use in Young Adulthood and Impact of Bipolar Disorder"

"Hot Topics" Session – Speaker March 2021
8th Annual Waggoner Center for Alcohol and Addiction Research Advance, University of Texas, Austin, TX
"Anterior Cingulate Cortex, Alcohol Use and Sensation Seeking Trajectories in Young Adulthood"

Waggoner Center for Alcohol and Addiction Research Seminar - Speaker July 2019
Waggoner Center for Alcohol and Addiction Research Seminar, University of Texas, Austin, TX
"Dissecting Risk and Associated Neural Structure and Function in Bipolar Disorder: Familial Risk, Childhood Maltreatment, and Alcohol Use"

Conference Posters

Kirsch DE, Grodin EN, Ray LA. January 2026
American College of Neuropsychopharmacology, Nassau, Bahamas
Additive effects of early life stress and alcohol use disorder on negative emotionality

Grodin EN, **Kirsch DE**, Baskerville WA, Ray LA. January 2026
American College of Neuropsychopharmacology, Nassau, Bahamas
Sleep disturbance is associated with greater subjective and neural negative emotionality in people with alcohol use disorder

Kirsch DE, Grodin EN, Nieto S, Wassum KM, Grant KA, Ray LA. June 2025
Research Society on Alcohol, New Orleans, LA.
The null effect of stress on cognitive flexibility in individuals with and without alcohol use disorder
***Junior Investigator Travel Award**

Rich RM, **Kirsch DE**, Ray LA. June 2025
Research Society on Alcohol, New Orleans, LA.
Multidimensional assessment of stress in individuals with alcohol use disorder and matched controls

Lee SA, **Kirsch DE**, Kosted R, Meek K, Bibb N, Huffman A, Lippard ETC. June 2025
Research Society on Alcohol, New Orleans, LA.
Subjective Response to Alcohol, Alcohol Expectancies, and Relations with Longitudinal Alcohol Use in Bipolar Disorder

Bibb N, **Kirsch DE**, Lee S, Meek K, Huffman A, Lippard ETC. June 2025
Research Society on Alcohol, New Orleans, LA.
Alcohol-induced changes, risk-taking behaviors, neural reactivity, and predictors of prospective alcohol use in young adults with bipolar disorder

Kirsch DE* , McManus KR, Grodin EN, Nieto SJ, and Ray LA. American College of Neuropsychopharmacology, Phoenix, AZ Who is cue reactive? A multivariable and machine learning approach *Travel Award	December 2024
Belnap M, Kirsch DE , Grodin EN, Ray LA. American College of Neuropsychopharmacology, Phoenix, AZ Subjective response to alcohol predicts motivation to self-administer alcohol in a progressive ratio task	December 2024
Kirsch DE* , Grodin EN, Ray LA Research Society on Alcohol, Minneapolis, MN Characterizing alcohol cue reactive and non-reactive individuals with alcohol use disorder *Junior Investigator Travel Award	June 2024
Belnap M, McManus K, Kirsch D , Ray L, Grodin E Research Society on Alcohol, Minneapolis, MN Neural underpinnings of cross-substance craving in individuals who drink and smoke	June 2024
McManus K, Belnap M, Kirsch D , Ray L, Grodin E Research Society on Alcohol, Minneapolis, MN Salience network disruption from alcohol and cannabis co-use	June 2024
Kirsch DE* , Grodin EN, Ray LA Sex & Gender & Alcohol Research Society on Alcohol Satellite Meeting, Minneapolis, MN Early life stress is associated with elevated c-reactive protein in females but not males with alcohol use disorder *Travel Award and Poster Award	June 2024
Lovelace L, Kosted R, Kirsch D , Meek K, Le V, Lippard E Society of Biological Psychiatry, Austin TX Subjective Response to Alcohol: Childhood Trauma, Bipolar Disorder, and Alcohol-Related Changes in Nucleus Accumbens Functional Connectivity	May 2024
Bibb N, Kirsch D , Meek K, Kosted R, Le V, Lippard E Society of Biological Psychiatry, Austin TX Psychiatric Medication and Physiological Responses to Alcohol in Young Adults with Bipolar Disorder	May 2024
Kirsch DE , Ray LA, Wassum K, Grodin EN American College of Neuropsychopharmacology, Tampa FL Reward system alcohol cue reactivity varies as a function of drink preference in alcohol use disorder	December 2023
Grodin EN, Kirsch DE , Belnap MA, Ray LA American College of Neuropsychopharmacology, Tampa FL Sex differences in neural response to an acute stressor in individuals with an alcohol use disorder.	December 2023
Lippard ETC, Kirsch DE , Kosted R, Le V, Fromme K Research Society on Alcoholism, Bellevue WA Alcohol expectancies and placebo beverage-related changes in subcallosal cortex functional connectivity in young adults with bipolar disorder	June 2023
Kosted R, Kirsch DE , Le V, Fromme K, Lippard ETC Research Society on Alcoholism, Bellevue WA Subjective response to alcohol: interactive effects of early life stress, parental risk for mood and substance use disorders, and drinking context	June 2023
Meek K, Kirsch DE , Kosted R, Le V, Lippard ETC	June 2023

Research Society on Alcoholism, Bellevue WA
Orbitofrontal surface area and cortical thickness relates to subjective response to alcohol in young adults with bipolar disorder

Lippard ETC, Li M, Le V, Kosted R, **Kirsch DE** June 2022
International Behavioral Neuroscience Society, Glasgow, Scotland
Alcohol-induced Changes in Decision Making and Neural Response to Negative Affect in Young Adults with Bipolar Disorder

Kirsch DE*, Le V, Huffman A, Li M, and Lippard ETC June 2022
Research Society on Alcoholism, Orlando, FL
Placebo Alcohol Administration is Associated with Changes in Ventral Prefrontal Network Resting State Functional Connectivity.
***Enoch Gordis Research Recognition Award - Finalist**

Kosted R, Le V, **Kirsch DE**, Almeida JRC, Strakowski SM, Fromme K, Lippard ETC June 2022
Research Society on Alcoholism, Orlando FL
Parental Risk for Alcohol Use Disorders is Associated with Altered Transdermal Alcohol Elimination Rate and Subjective Response to Alcohol in Young Adult Offspring

Kirsch DE, Le V, Tretyak V, Almeida JRC, Fromme K, Strakowski SM, Lippard ETC April 2022
Society of Biological Psychiatry, New Orleans, LA
Ventral Prefrontal Network Functional Connectivity and Alcohol Sensitivity in Young Adults with Bipolar Disorder

Le V, Tretyak V, **Kirsch DE**, Kosted R, Strakowski SM, Lippard ETC April 2022
Society of Biological Psychiatry, New Orleans, LA
Recent Perceived Stress and Decision Making in Young Adults with Bipolar Disorder and Psychotic Features

Lippard ETC, Dasgupta A, Huffman A, Le V, **Kirsch DE**, Strakowski SM, Almeida JRC April 2022
Society of Biological Psychiatry, New Orleans, LA
Changes in Mood Symptoms and Perceived Stress and Relations with Subjective Response to Alcohol in Adults with Bipolar Disorder

Kosted R, Le V, **Kirsch DE**, Tretyak V, Lippard ETC April 2022
Society of Biological Psychiatry, New Orleans, LA
Recent Eating Disturbance in Young Adults with Bipolar Disorder is Associated with Lower Hippocampal Gray Matter Volume

Kirsch DE, Tretyak V, Le V, Fromme K, Lippard ETC June 2021
Research Society on Alcoholism, Virtual Conference
Anterior Cingulate Cortex Function is Associated with Alcohol Use Trajectories in Young Adulthood.

Tretyak V, Claborn K, Conway FN, Bond DE, **Kirsch DE**, Le V, Fromme K, Lippard ETC June 2021
Research Society on Alcoholism, Virtual Conference
Alcohol Use During the COVID-19 Pandemic: Role of Recent Perceived Distress and Coping Drinking Motives in Individuals Who Use Drugs.

Kirsch DE, Tretyak V, Le V, Fromme K, Strakowski SM, Lippard ETC May 2021
Society of Biological Psychiatry, Virtual Conference
Anterior Cingulate Cortex Reactivity to Emotional Stimuli Relates to Prospective Changes in Alcohol Use in Bipolar Disorder.

Tretyak V, **Kirsch DE**, Le V, Fromme K, Strakowski SM, Lippard ETC May 2021
Society of Biological Psychiatry, Virtual Conference

Neural Functional Connectivity during Emotional Processing in Bipolar Disorder: Relations with Coping Drinking Motives and Alcohol Use.

Le V, **Kirsch DE**, Tretyak V, Strakowski SM, Lippard ETC May 2021
Society of Biological Psychiatry, Virtual Conference
Recent Perceived Stress, Amygdala Reactivity to Acute Psychosocial Stress, and Alcohol Use in Adolescents/Young Adults with Bipolar Disorder.

Kirsch DE, Tretyak V, Le V, Fromme K, Lippard ETC June 2020
Research Society on Alcoholism, New Orleans, LA; event canceled due to COVID-19
Prefrontal gray matter volume relates to subsequent changes in alcohol use in college age social drinkers.

Tretyak V, **Kirsch DE**, Le V, Fromme K, Lippard ETC June 2020
Research Society on Alcoholism, New Orleans, LA; event canceled due to COVID-19
Neural correlates of drinking motives in typically developing young adults.

Kirsch DE*, Tretyak V, Le V, Strakowski SM, Lippard ETC May 2020
Society of Biological Psychiatry, New York, NY; event canceled due to COVID-19
Perceived stress and salience network functioning during emotional processing in young adults with bipolar disorder.

***Chair's Choice Travel Award**

Lippard ETC, Le V, **Kirsch DE**, Tretyak V, Weber W, Strakowski SM. May 2020
Society of Biological Psychiatry, New York, NY
Neurophysiological responses to stress, interactions with recent stress, and associated externalizing behavior in emerging adults with bipolar disorder.
Symposium title: Bipolar Disorder is more than a disorder of mood: exploring peripheral indicators and their neural associations. *event canceled due to COVID-19

Tretyak V, **Kirsch DE**,..., Fromme K, Nemeroff CB, Strakowski SM, Lippard ETC May 2020
Society of Biological Psychiatry, New York, NY; event canceled due to COVID-19
Neural reactivity to negatively valenced stimuli in young adults with bipolar disorder and a history of bullying victimization.

Preston A, Tretyak V, **Kirsch DE**, Le V, Weber W, Strakowski SM, and Lippard ETC May 2020
Society of Biological Psychiatry, New York, NY; event canceled due to COVID-19
Neural functional connectivity changes to psychological stress in young adults with bipolar disorder.

Le V, Tretyak V, **Kirsch DE**, Preston A, Strakowski SM, and Lippard ETC May 2020
Society of Biological Psychiatry, New York, NY; event canceled due to COVID-19
Lower grey matter volume and emotion regulation in young adults with bipolar disorder and a history of psychosis.

Board S, **Kirsch DE**, Tretyak V, Weber W, Strakowski SM, Nemeroff CB, Lippard ETC March 2020
Anxiety and Depression Conference (ADAA), San Antonio, TX * event canceled due to COVID-19
Childhood maltreatment associated alterations in neural activation during emotional and attention processing in emerging typically developing adults.

Kirsch DE, Tretyak V, Radpour S, Weber WA, Strakowski SM, Lippard ETC June 2019
Research Society on Alcoholism. Minneapolis, MN
Childhood Maltreatment and Associated Prefrontal-Paralimbic Gray Matter Volume and Alcohol Use in Adolescents/Young Adults with Familial Risk for Bipolar Disorder.

Lippard ETC, Radpour S, Tretyak V, **Kirsch DE**, Weber W, Strakowski SM. June 2019
Research Society on Alcoholism. Minneapolis, MN
Neural responses to stress and associated alcohol use in young adults with bipolar disorder.

Kirsch DE, Tretyak V., Radpour S., Weber W.A., Strakowski S.M., Lippard ETC May 2019
Society of Biological Psychiatry. Chicago, IL
Childhood maltreatment and associated prefrontal-paralimbic activity during emotional and cognitive processing in adolescents/young adults with familial risk for bipolar disorder.

Tretyak V, **Kirsch DE**, Radpour S, Weber WA, Strakowski SM, Fromme K., Lippard ETC May 2019
Society of Biological Psychiatry. Chicago, IL
Subjective response to alcohol in young adults with bipolar disorder and associated frontolimbic gray matter volume and alcohol use.

Kirsch DE*, Tretyak V, Radpour S, Weber WA, Fromme K, Strakowski SM, Lippard ETC February 2019
Texas Research Society on Alcoholism. San Antonio, TX
Childhood Maltreatment and Associated Prefrontal-Paralimbic Gray Matter Volume and Alcohol Use in Adolescents/Young Adults with Familial Risk for Bipolar Disorder.
***Travel Award**

Kirsch DE, Strakowski SM, Radpour S, Weber W, Lippard ETC February & March 2018
Texas Research Society on Alcoholism. & Waggoner Center Advance. Austin, TX
Neural correlates of anxiety symptoms in individuals at-risk for bipolar disorder and associated alcohol use.

Silverman D, **Kirsch DE**, Visnagra K, Zhang, S, Dahlbom M. June 2017
Alzheimer's Association Conference. London, England
Intra- versus inter-observer concordance in dopamine transport SPECT scans for examination of extrapyramidal parkinsonian syndromes.

TEACHING EXPERIENCE

Psychology of Addiction (PSY162) Summer 2023, 2024, 2025
Instructor

- 6-week in-person course on the psychological and neurobiological theories of addiction, pharmacological effects of drugs and abuse, etiology assessments, diagnosis, and treatment.
- Taught 2 discussion sections per week (1 hour each; 40 students per section); developed lecture and discussion section content

Neurobiology of Addiction (NEU365W) Spring 2020
Teaching Assistant

Professor: Robert Messing, M.D.

- Led a class lecture and four in class review sessions; held weekly office hours; drafted exam questions; graded exams

NeuroPET Preceptorship 2016 - 2017
Instructor

- Two-day course to familiarize healthcare professionals with the current state of brain PET and its application to the diagnosis of neurosurgical/neurologic and psychiatric disease
- Coordinated Preceptorships; trained participants in the use of NeuroQ Software for brain imaging analysis

MENTORING EXPERIENCE

University of California, Los Angeles Undergraduate Students:

Research Mentor to Lianyan (Julia) Zhou: Psychology 196A: Research Apprenticeship, 199A: Directed Independent Research in Psychology

Research Mentor to Jillian Hood: "*The association between sensation seeking and cue-reactivity in alcohol use disorder*" presented at 2024 UCLA Psychology Undergraduate Conference (PURC)

Research Mentor to Penelope Figueora: “*Pre-Menstrual Dysphoria and Menstrual Distress in Women with Alcohol Use Disorder Versus Healthy Controls*” presented at 2024 UCLA Brain Research Institute Summer Programs Poster Fair

Research Mentor to Ashley Johnson: “*Alcohol cue-reactivity in individuals with alcohol use disorder: Examining the role of cigarette smoking status*” accepted at 2025 Research Society on Alcohol Annual Meeting

Research Mentor to Kaitlyn Cerwinski: “*Stress generation in alcohol use disorder: Examining the role of early life stress*” presented at 2025 UCLA Psychology Undergraduate Conference (PURC); Undergraduate Research Scholars Program; Psychology 196A

Research Mentor to Stephanie Gomez: “*Greater Pain Catastrophizing and Blunted Insula Reactivity to Acute Stress in Adults with Alcohol Use Disorder Compared to Controls*” presented at 2025 UCLA Brain Research Institute Summer Programs Poster Fair

Panelist at American Women’s Medical Association Research Panel for undergraduate women at UCLA interested in careers in the Science and Medical field.

University of Texas at Austin Undergraduate Students:

Graduate Research Mentor to Raquel Kosted: Department of Neuroscience, Honors Thesis: Depression and Alcohol Use in Young Adults during the COVID-19 Pandemic and Relations with Insula Structure*

**Selected for publication in Texas Undergraduate Research Journal, 2021*

Graduate Research Mentor to Staci Board: Department of Psychology, Honors Thesis: Childhood Maltreatment and Associated Prefrontal-Paralimbic Function During Emotional Processing in Young Adults with Bipolar Disorder

Graduate Research Mentor to Illan Kunik: Department of Psychology, Project Title: Familial Risk for Suicide and Associated Behavior and Prefrontal-Paralimbic Activity in Young Adults with Familial Risk for Bipolar Disorder

Graduate Research Mentor to Ansley Huffman

Graduate Research Mentor to Mary Li

Graduate Research Mentor to Abby Dasgupta

Neuroscience Undergraduate Reading Program

2019 - 2020

University of Texas at Austin

Graduate Student Mentor

- The program pairs an undergraduate student with a graduate student mentor to facilitate study (i.e., paper discussions and presentation preparation) in an area of the graduate student mentor’s area of study.

PROFESSIONAL MEMBERSHIPS

Research Society on Alcoholism

Society of Biological Psychiatry

PROFESSIONAL SERVICES

Ad-Hoc Reviewer

The Journal of the American Medical Association Psychiatry

Drug and Alcohol Dependence

Frontiers in Neuroendocrinology

Addictive Behavior Reports

Neuroscience and Biobehavioral Reviews

Alcohol, Clinical and Experimental Research

Addiction Biology

Journal of Neural Transmission

Brain, Behavior, and Immunity

Behavioral Brain Research

Brain
Alcohol
Canadian Journal of Psychiatry
Scientific Reports
Nicotine & Tobacco Research

IN THE MEDIA

“Why Do I Feel Buzzed from Nonalcoholic Beers?” in Slate Magazine (January 2024)
<https://slate.com/technology/2024/01/nonalcoholic-beer-tipsy-effects-dry-january-ideas.html>

“Early life stress predicts negative emotionality and inflammation in alcohol use disorder” (November 2024)
<https://www.psypost.org/early-life-stress-predicts-negative-emotionality-and-inflammation-in-alcohol-use-disorder/>