

EDUCATION

University of California, Los Angeles (UCLA), Los Angeles, CA 2022 – Present
Doctor of Philosophy, Clinical Psychology: Expected 2028

Dissertation Title: *Inflammatory Markers of Alcohol Use Disorder: Identifying the Role of Inflammation in Alcohol Use Through a Psychoneuroimmunological Framework*

Committee Chair: Lara Ray, PhD

Committee Members: Erica Grodin, PhD, Naomi Eisenberger, PhD, Ziva Cooper, PhD, Jennifer Sumner, PhD

University of California, Los Angeles (UCLA), Los Angeles, CA 2022 – 2024
Master of Arts, Clinical Psychology

Thesis Title: *Endotoxin administration to model inflammatory effects of heavy alcohol use on mood and social disconnection*

Advisor: Lara Ray, PhD

Colby College, Waterville, ME 2016 – 2020

Bachelor of Arts in Psychology and Biology: Neuroscience

GPA: 4.02/4.00 (Summa Cum Laude)

Honors Thesis Title: *Executive Function Deficit as a Precursor to Memory Impairments in hApoE4 Transgenic Rats*

HONORS AND AWARDS

Dissertation Year Award, UCLA Department of Psychology (\$40,000 + tuition) 2026 - 2027

Charles Y. Nakamura Research, Training, and Mentorship Award, UCLA 2026

Student Merit Award, Research Society on Alcohol (\$300) 2026

Pritzker Graduate Research Scholar, UCLA Department of Psychology (\$40,000 + tuition) 2025 - 2026

Enoch Gordis Research Recognition Award, Research Society on Alcohol (\$1,000) 2025

Graduate Summer Research Mentorship, UCLA Graduate Division (\$6,000) 2025

Student Merit Award, Research Society on Alcohol (\$250) 2025

Graduate Research Mentorship, UCLA Graduate Division (\$20,000 + tuition) 2024 - 2025

Summer Mentored Research Fellowship, UCLA Department of Psychology (SMRF; \$6,000) 2024

Student Merit Award, Research Society on Alcohol (\$175) 2024

Graduate Research Mentorship, UCLA Graduate Division (\$20,000 + tuition) 2023 - 2024

Graduate Summer Research Mentorship, UCLA Graduate Division (\$6,000) 2023

Psychology Graduate Summer Research Mentorship, UCLA Graduate Division (\$1,000) 2023

Student Merit Award, Research Society on Alcohol (\$225) 2023

Letter of Clinical Excellence, UCLA Psychology Clinic 2023

UCLA Department of Psychology Fellowship (\$24,000 award + tuition) 2022

Alzheimer's Association International Conference: Neuroscience Next Lightning Presentation Winner 2020

Phi Beta Kappa Member (Early Induction) 2019 – Present

Psi Chi Member 2018 – Present

Julius Seelye Bixler Scholar (\$1,000): *Top-ranking students by academic record* 2018

Charles A Dana Scholar (\$1,000): *Strong academic performance and leadership* 2017

Ralph J. Bunche Scholar (\$3,000): *Scholastic strength and leadership potential* 2016

Dean's List 2016, 2017, 2018, 2019, 2020

PEER-REVIEWED PUBLICATIONS

1. Nieto, S. J., Donato, S., Baskerville, W., **McManus, K. R.**, Lopez, M., Becker, H., Ray, L. (2026). A Scoping Review of Preclinical Paradigms for Clinically Tested Medications in Alcohol Use Disorder. *Alcohol: Clinical and Experimental Research*. <https://doi.org/10.1111/acer.70287>

2. **McManus, K. R.**, Ray, L. A. (2026). Pharmacological interventions for alcohol use disorder: novel insights from recent clinical trials. *Expert Review of Clinical Pharmacology*. <https://doi.org/10.1080/17512433.2026.2625341>

3. **McManus, K. R.**, Enders, C. E., Kirsch, D. E., Belnap, M., Grodin, E., Ray, L. A. (2026). Peripheral Inflammation Mediates The Relationship Between Early Life Stress And Alcohol Use. *Psychopharmacology*. <https://doi.org/10.1007/s00213-026-07009-8>

4. Belnap, M. A., **McManus, K. R.**, Kirsch, D. E., Grodin, E. N., Ray L. A. (2026). Reductions in cigarette and cannabis use during a randomized clinical trial for alcohol use disorder. *Alcohol and Alcoholism*. <https://doi.org/10.1093/alcalc/agag006>
5. Nieto S. J., Du H., Meredith L. R., Donato S., Baskerville W. A., **McManus K. R.**, Magill M., Ray L. A. (2026) Medication effects on cue-induced craving in the human laboratory are associated with return to heavy drinking in randomized clinical trials for alcohol use disorder: A follow-up meta-analysis. *Addiction*. <https://doi.org/10.1111/add.70373>
6. Grodin, E., **McManus, K. R.** (2025) Considerations for Neural Cannabis Cue-Reactivity Studies in Individuals with Cannabis Use Disorder. *Biological Psychiatry: Global Open Science*. <https://doi.org/10.1016/j.bpsgos.2025.100669>
7. Kirsch, D. E., **McManus, K. R.**, Grodin, E. N., Nieto, S. J., Miranda, R. Jr., O'Malley, S. S., Schacht, J. P., Ray, L. A. (2025) Who is alcohol cue-reactive? A machine learning approach. *Alcohol and Alcoholism*. <https://doi.org/10.1093/alcalc/agaf052>
8. Grodin, E., **McManus, K. R.** (2025) Embracing the Complexity of Alcohol's Immunomodulatory Effects: Commentary on Monnig, Lamb, Clark, and Monti - "Acute changes in immune biomarkers under low and moderate dose alcohol in light and heavy drinkers: A randomized, placebo-controlled trial". *Alcohol: Clinical and Experimental Research*. <https://doi.org/10.1111/acer.70120>
9. Nieto, S. J., Donato, S., Du, H., Baskerville, W., **McManus, K.**, Meredith, L., Magill, M., Lopez, M., Becker, H., Ray, L. (2025) Translating medication effects for alcohol use disorder across preclinical, human laboratory, and clinical trial outcomes using meta-analysis. *Translational Psychiatry*. <https://doi.org/10.1038/s41398-025-03473-6>
10. **McManus, K. R.**, Grodin, E. N., Burnette, E., Castillo, Y., Miotto, K., Irwin, M., Eisenberger, N., Ray, L. A. (2025). Endotoxin challenge reduces alcohol craving and blunts inflammatory response in alcohol use disorder compared to control. *Alcohol: Clinical and Experimental Research*. <https://doi.org/10.1111/acer.70090>
11. **McManus, K. R.**, Belnap, M., Kirsch, D. E., Ray, L. A., Grodin, E. N. (2025) Effects of alcohol and cannabis co-use on salience network resting state functional connectivity in individuals who drink alcohol heavily. *Drug and Alcohol Dependence*. <https://doi.org/10.1016/j.drugalcdep.2025.112577>
12. **McManus, K. R.**, Venegas, A., Cooper, Z. D., Ray, L. A. (2024) Alcohol and cannabis co-use: Probing subjective response in eliciting cross-substance craving. *Addictive Behaviors*. <https://doi.org/10.1016/j.addbeh.2024.108189>
13. Grodin, E. N., Baskerville, W., **McManus, K. R.**, Irwin, M., Ray, L. (2024) Elevations in Interleukin-8 Levels in Individuals with Alcohol Use Disorder and Clinical Insomnia Symptoms. *Alcohol: Clinical and Experimental Research*. <http://doi.org/10.1111/acer.15444>
14. Grodin, E., **McManus, K. R.**, Ray, L. (2024). Examining the moderating role of cannabis use on the relationship between alcohol consumption and inflammation in individuals with alcohol use disorder *Addiction Biology*, 29(8). <https://doi.org/10.1111/adb.13431>
15. Belnap, M., **McManus, K. R.**, Grodin, E., Ray, L. (2024). Endpoints for Pharmacotherapy Trials for Alcohol Use Disorder. *Pharmaceutical Medicine*, 38(4), 291–302. <https://doi.org/10.1007/s40290-024-00526-x>
16. **McManus, K.**, Venegas, A., Henry, B., Cooper, Z., Grodin, E., Ray, L. (2023). The Role of Sex in Daily Levels of High-Risk Alcohol and Cannabis Co-Use. *Drug and Alcohol Dependence Reports*, 9, 100203. <https://10.1016/j.dadr.2023.100203>
17. Orhan, M., Millett, C., Klaus, F., Blumberg, H. P., Briggs, F., Chung, K. H., Korten, N., **McManus, K.**, van Oppen, P., Patrick, R. E., Sarna, K., Sutherland, A., Tsai, S. Y., Villa, L. M., Yala, J., Sajatovic, M., Burdick, K. E., Eyler, L., Dols, A., & GAGE-BD consortium (2022). Comparing continuous and harmonized measures of depression severity in older adults with bipolar disorder: Relationship to functioning. *Journal of Affective Disorders*, 314, 44–49. <https://doi.org/10.1016/j.jad.2022.06.074>
18. Fahed, M., **McManus, K.**, Vahia, I. V., & Offodile, A. C., 2nd (2022). Digital Phenotyping of Behavioral Symptoms as the Next Frontier for Personalized and Proactive Cancer Care. *Journal of Clinical Oncology*, 6, e2200095. <https://doi.org/10.1200/CCI.22.00095>

19. **McManus, K.**, Patrick, R., Weinberg, M., Striepe, M., Drury, M., Ozonsi, R., Forester, B., Weinberg, M. (2022). Classic Psychedelics for Alzheimer's Disease Palliative Care. *Advances in Psychiatry and Behavioral Health*, 2(1), 37-46. <https://doi.org/10.1016/j.ypsc.2022.06.001>
20. **McManus, K. R.**, Lapid, M. I., Forester, B. P., Mueller, M., Hermida, A. P., Nykamp, L., Harper, D. G., Seiner, S. J., Sanghani, S., Patrick, R., Gentry, M. T., Kung, S., Leal, J. C., Johnson, E. K., & Petrides, G. (2022). Simulated Electroconvulsive Therapy: A Novel Approach to a Control Group in Clinical Trials. *The Journal of ECT*, 38(3), 165–170. <https://doi.org/10.1097/YCT.0000000000000832>

MANUSCRIPTS UNDER REVIEW

1. **McManus, K. R.**, Grodin, E. N., Ray L. A. (Under Review). Effects of Acute Inflammatory Exposure on Resting State Functional Connectivity in Alcohol Use Disorder: A Pilot Study. Submitted to *Drug and Alcohol Dependence*.

ORAL PRESENTATIONS

1. *Liu, E., **McManus, K.**, Ray, L. (2026). *Probing Inflammation As A Link Between Chronic Pain, Alcohol Use, And Alcohol Craving*. Data blitz oral presentation at UCLA Psychology Undergraduate Research Conference.
2. **McManus, K. R.**, Grodin, E. N., Burnette, E., Castillo, Y., Miotto, K., Irwin, M., Eisenberger, N., Ray, L. A. (2025). *Inflammatory Challenge in Individuals with Alcohol Use Disorder and Controls*. Gordis Student Presentation at Research Society on Alcohol.
3. Ray, L. A., **McManus, K. R.** (2025). *Alcohol and Cannabis Co-Use: Insights from Behavioral Pharmacology and Neuroimaging*. Symposium presented at The College on Problems of Drug Dependence & Research Society on Alcohol Joint Program: Polysubstance Use: From Bench to Communities.
4. *Liu, E., **McManus, K.**, Nieto, S., Ray, L. (2025). *Exploring the Relationship Between Sex, Chronic Pain, and Alcohol Use*. Data blitz oral presentation at UCLA Psychology Undergraduate Research Conference.
5. **McManus, K. R.**, Grodin, E. N., N., Ray, L. A. (2025). *Inflammatory Challenge in Individuals with Alcohol Use Disorder*. Presentation at the 50 Years of Semel Institute Addiction Research Symposia.
6. **McManus, K.**, Blackmer-Raynolds, L., Donigan, E., & Glenn, M. (2020). *Cognitive and affective deficits in a hApoE4 knock-in rat model of Alzheimer's disease: Variances in AD development across sex and the lifespan*. Flash talk presented virtually at the Alzheimer's Association International Conference: Neuroscience Next.

*Oral presentation by mentee

POSTER PRESENTATIONS

1. **McManus, K.**, Grodin, E., Ray, L. (2026). *Alcohol Use and Inflammatory Markers Derived from Standard Blood Panels Are Positively Associated in Alcohol Use Disorder*. Poster accepted for presentation at Research Society on Alcohol conference.
2. *Liu, E., **McManus, K.**, Ray, L. (2026). *Probing Inflammation as a Link between Chronic Pain, Alcohol Use, and Alcohol Craving*. Poster accepted for presentation at Research Society on Alcohol conference.
3. *Tsai, C., *Younger, C., *Aragon, G., *Chok, J., **McManus, K.**, Kirsch, D., Ray, L. (2026) *Assessing The Relationship Between Clinical And Laboratory Measures Of Craving In Alcohol Use Disorder*. Poster presented at UCLA Psychology Undergraduate Research Conference.
4. **McManus, K.**, Grodin, E., Ray, L. (2026). *Alterations in Resting State Functional Connectivity Following Acute Inflammatory Exposure in Individuals with Alcohol Use Disorder*. Poster presented at American College of Neuropsychopharmacology conference.
5. **McManus, K.**, Kirsch, D., Ray, L., Grodin, E. (2025) *Peripheral Inflammation Indirectly Mediates the Relationship Between Early Life Stress and Alcohol Use*. Poster presented at Research Society on Alcohol 2025 conference.
6. **McManus, K.**, Grodin, E., Eisenberger, N., Ray, L. (2025) *Peripheral Inflammatory and Alcohol Craving Responses Following Endotoxin Administration in Individuals with Alcohol Use Disorder*. Poster presented at Research Society on Alcohol conference.

7. *Liu, E., **McManus, K.**, Nieto, S., Ray, L. (2025). *Exploring the Relationship Between Sex, Chronic Pain, and Alcohol Use*. Poster presented at UCLA Undergraduate Research Week Conference.
8. **McManus, K.**, Grodin, E., Eisenberger, N., Ray, L. (2024). *Blunted Pro-Inflammatory Response Following Endotoxin Administration in Individuals who Drink Alcohol Heavily*. Poster presented at American College of Neuropsychopharmacology conference.
9. Grodin, E., Baskerville, W., **McManus, K.**, Irwin, M., Ray, L.(2024). *Elevations in Interleukin-8 Levels in Individuals With Alcohol Use Disorder and Clinical Insomnia Symptoms*. Poster presented at American College of Neuropsychopharmacology conference.
10. Nieto, S., Donato, S., Du, H., Baskerville, W., **McManus, K.**, Meredith, L., Magill, M., Lopez, M., Becker, H., Ray, L. (2024). *Testing Whether Medication Findings in Animal Models Predict Clinical Efficacy for Alcohol Use Disorder*. Poster presented at American College of Neuropsychopharmacology conference.
11. Kirsch, D., **McManus, K.**, Grodin, E., Nieto, S., Ray, L. (2024). *Who is alcohol cue reactive? A machine learning and multivariate approach*. Poster presented at American College of Neuropsychopharmacology conference.
12. **McManus, K.**, Grodin, E., Ray, L. (2024). *Endotoxin Administration to Model Inflammatory Effects of Heavy Alcohol Use*. Poster presented at the Research Society on Alcohol conference.
13. **McManus, K.**, Belnap, M., Ray, L., Grodin, E. (2024). *Saliency Network Disruption from Alcohol and Cannabis Co-Use Compared with Alcohol-Only Use*. Poster presented at the Research Society on Alcohol conference.
14. Belnap, M., **McManus, K.**, Ray, L., Grodin, E. (2024). *The Neural Underpinnings of Cross-Substance Craving in heavy-Drinking Smokers*. Poster presented at the Research Society on Alcohol conference.
15. *Johnson, A., **McManus, K.**, Ray, L. (2024). *Influence of age on drinking motivations among individuals with heavy alcohol use*. Poster presented at the UCLA Undergraduate Research Week conference.
16. Nickerson, L.D., **McManus, K.**, Kumar, P., Frederick, B. deB., Harper, D. G. (2023). *Multi-Modal Structural Patterns Predictive of Dementia Ratings and Geriatric Depression Severity*. Poster presented at the Alzheimer's Association International Conference.
17. **McManus, K.**, Venegas, A., Ray, L. (2023). *Daily Level Alcohol and Cannabis Co-Use: Sex Dependent Effects*. Poster presented at the Research Society on Alcohol conference.
18. **McManus, K.**, Dahlgren, M. K., Sagar, K., Smith, R., Lambros, A., El-Abboud, C., Kosereisoglu, D., Gruber, S. (2022). *Age is not just a number: Differential impact of clinical symptom severity and medical cannabis efficacy in younger vs older adults*. Poster presented at McLean Research Day.
19. **McManus, K.**, Kumar, P., Frederick, B., Nickerson, L., Harper, D. G. (2022). *Multi-Modal Structural Morphometric Covariance Hippocampal Networks Predicts Dementia Ratings*. Poster presented virtually and in-person at the Organization for Human Brain Mapping Conference.
20. **McManus, K.**, Ren, B., Harper, D., Olson, D., Forester, B., Patrick, R. (2022). *Integration of standardized brain volumetric and neuropsychological assessment data: Conceptual background and preliminary data*. Poster presented at the American Association of Geriatric Psychiatry Conference.
21. **McManus, K.**, Cray, H., Hsu, C., Longsjo, E., Patrick, R., Vahia, I. (2022). *Developing a New Suicide Risk Assessment for Virtual Encounters with Non-Clinicians*. Poster presented at the American Association of Geriatric Psychiatry.
22. Lapid, M., Forester, B., Patrick, R., Fong, T., Green, M., Harper, D., Heintz, H., Hermida, A., **McManus, K.**, Mueller, M., Nykamp, L., Petrides, G., Inouye, S. (2022). *Identifying delirium in advanced dementia in the ECT-AD clinical trial*. Poster presented at the Clinical Trials on Alzheimer's Disease Conference.
23. Lapid, M., Forester, B., Hermida, A., Nykamp, L., Mueller, M., Harper, D., Patrick, R., **McManus, K.**, Green, M., Rath, S., O'Mara, J., Petrides, G. (2021). *ECT-AD Trial: Challenges to Startup & Recruitment*. Poster presented at the Clinical Trials on Alzheimer's Disease Conference.

24. **McManus, K.**, Ozonsi, R., Patrick, R., Harper, D., Smith, R., Gruber, S., Forester, B. (2021). *Caring for Behavioral Symptoms of Dementia (CBD): Cannabidiol for the Treatment of Anxiety and Agitation in Alzheimer's Disease*. Poster presented at the Clinical Trials on Alzheimer's Disease Conference.
25. **McManus, K.**, Ash, E, Harper, D., Smith, R., Gruber, S., Forester, B. (2021) *Caring for Behavioral Symptoms of Dementia (CBD): A New Investigation into Cannabidiol for the Treatment of Anxiety and Agitation in Alzheimer's Dementia*. Poster presented virtually at the American Association of Geriatric Psychiatry conference.
26. Weisenbach, S., Teixeira, A., Ajilore, O., Forester, B., **McManus, K.**, Ryan, K., Zhang, Y. (2021). *Late Life Mood Disorders: A Multi-Site Registry Project*. Poster presented virtually at the National Network of Depression Centers Annual Conference.
27. **McManus, K.**, Patrick, R., Harper, D., Smith, R., Gruber, S., Forester, B. (2021). *Caring for Behavioral Symptoms of Dementia (CBD): A New Investigation into Cannabidiol for the Treatment of Anxiety and Agitation in Alzheimer's Dementia*. Poster presented virtually at the Alzheimer's Association International Conference.
28. **McManus, K.**, Buckman, E., & Selemon, O. (2018). *Sad Girl Bad Girl: Affective deficits in female Long Evans rats resulting from mild traumatic brain injury*. Poster presented at the Colby College Psychology Department Poster Session. Waterville, ME.
29. **McManus, K.**, Lucca, K., & Sommerville, J. (2018). *Infants' distribution of trying: a cost-benefit analysis of persistence*. Poster presented at the University of Washington Undergraduate Research Program Poster Session and the Early Childhood Cognition Lab 2018 Summer Research Festival. Seattle, WA.
30. **McManus, K.**, Porcher, P., Schuhlen, J., & Song, J. (2018). *"Woof" said the cat: The influence of stress and authority on conforming behaviors*. Poster presented at the Colby College Liberal Arts Symposium. Waterville, ME.
31. Xu, S., Yu, W., Gray, S., **McManus, K.**, McBride, D., & Coane, J. (2017). *Feature Boosts and False Alarms: The Value of Testing Activation*. Poster presented at the Colby College Liberal Arts Symposium and the Colby College Psychology Department Poster Session. Waterville, ME.
32. Xu, S., Yu, Z., Grey, S., **McManus, K.**, & Coane, J. (2017). *Short term memories vary as a function of list type*. Poster presented at the Colby College Psychology Department Poster Session. Waterville, ME.

*Poster presentation by mentee

RESEARCH EXPERIENCE

Graduate Student, UCLA Addictions Laboratory, Los Angeles, CA

2022-Present

UCLA Department of Psychology

PI: Lara Ray, PhD

- Participate in weekly laboratory meetings and individual meetings with Dr. Ray to discuss ongoing research studies, professional development, and new project conceptualization.
- Analyze and disseminate novel findings from existing data sets on alcohol and cannabis co-use, inflammation and substance use.
- Mentor and train undergraduate students in laboratory.

Investigator-Initiated Study of Endotoxin Exposure to Examine the Role of Inflammation in Alcohol Use (NCT07452146)

Supervisor: Dr. Lara Ray

- Lead regulatory operations for NIH-funded, FDA-monitored clinical trial of human endotoxin challenge in individuals with alcohol use disorder by managing IRB submissions, IND submissions, and regulatory compliance.
- Coordinate study start-up by managing ClinicalTrials.gov registration and material transfer for acquisition of NIH endotoxin.

Investigator-Initiated Study of Acute Endotoxin Challenge to Examine Inflammation in Alcohol Use Disorder (NCT04310423)

Supervisor: Dr. Lara Ray

- Independently coordinated and conducted study visits for clinical trial of human endotoxin challenge in individuals with alcohol use disorder symptoms. Manage IRB protocol amendment submissions, IND annual reports, and regulatory compliance.
- Coordinated and conducted endotoxin infusion visit, alcohol cue reactivity paradigm and MRI scans with participants.

- Independently analyzed data and disseminated novel findings through peer-reviewed publications, international conference presentations, and local presentations.

Clinical Research Assistant II, McLean Hospital, Belmont, MA

2021-2022

Marijuana Investigations for Neuroscientific Discovery/Cognitive and Clinical Neuroimaging Core

PI: Staci Gruber, PhD

Investigator-Initiated Study of Medical Cannabis Impact on Cognition, Anxiety, and Pain (NCT02548559; NCT04286594)

Supervisor: Dr. Staci Gruber

- Independently coordinated and conducted study visits on the effects of cannabinoids. Administered neuropsychological and mood scales to adults over the age of 18.
- Assisted in running MRI scans for participants. Administered neuropsychological tasks to participants while in the scanner.
- Collected buccal swabs for DNA analysis of genetic variants related to the endocannabinoid system impacting medical cannabis effects.

Clinical Research Assistant II, McLean Hospital, Belmont, MA

2020-2022

Geriatric Psychiatry Research Program

PI: Brent Forester, MD, MSc

Investigator-Initiated Study of Cannabidiol to Reduce Anxiety in Mild-Moderate Alzheimer's Disease (NCT04075435)

Supervisor: Drs. Brent Forester, Staci Gruber, and David Harper

- Revitalized study structure, design, and regulatory management. Created virtual regulatory binders and virtual eConsent platforms to adapt to remote work. Built virtual database for scale collection and survey distribution. Constructed external database for monitoring subject data collection and progression in real-time.
- Independently coordinated and conducted study visits. Administered neuropsychological assessments and mood scales. Longitudinally followed participants and navigate unique and difficult clinical interactions.

Industry-Sponsored Clinical Trial for Mild Cognitive Impairment and Mild Alzheimer's Disease (NCT03352557)

Supervisor: Drs. Brent Forester and David Harper

- Oversaw close out procedures for global shut down of Biogen sponsored anti-tau disease-modifying clinical trial. Navigated difficult clinical conversations with participants and their families regarding sudden shut down.
- Coordinated and conducted infusion visits, MRI and PET scans, and neuropsychological testing.

Investigator-Initiated Study Utilizing Electro-Convulsive Therapy for Agitation and Aggression Reduction in Moderate to Severe Alzheimer's Disease (NCT03926520; 5 R01 AG061100)

Supervisor: Drs. Brent Forester and David Harper

- Operated as local site lead on multi-site, NIH funded, study. Coordinated with other sites to assess study recruitment progress. Facilitated publication projects.
- Spearheaded database project to integrate measurement-based care into an inpatient clinical setting.

Investigator-Initiated Study Investigating Changes in Brain Activity from Low Field Magnetic Stimulation in Older Adults with Bipolar Disorder (NCT03484494)

Supervisor: Drs. Brent Forester, David Harper, and Mike Rohan

- Assessed suicidality and administered neuropsychiatric and mood scales to older adults with bipolar disorder. Revitalized suicidality trainings across the program by adapting procedures for situations of imminent harm to remote telehealth visits.
- Conducted data analysis for previously collected LFMS study data using R (NCT02707276).

Investigator-Initiated Study Assessing the Changes of Mood and Cognition in Aging Adults

Supervisor: Drs. Brent Forester and David Harper

- Conducted informed consent procedures and administer neuropsychological and mood assessments to healthy controls and subjects with bipolar disorder or major depressive disorder every three months over a three-year protocol.
- Managed a multi-site repository of clinical, cognitive, and neurobiological data for geriatric mood disorders funded by the National Network for Depressive Centers (NNDC).
- Managed and oversaw data sharing with the Global Aging & Geriatric Experiments in Bipolar Disorder Database (GAGE-BD).

Grant Proposal Utilizing RDoC Approach to Assess Associations of Neuropsychiatric Symptoms with the Neurobiology of Alzheimer's Disease via Independent Component Analysis (1 RF1AG078304)

Supervisor: Drs. David Harper and Lisa Nickerson

- Self-taught and utilized c shell scripting to download and store imaging data from Alzheimer's Disease Neuroimaging Initiative (ADNI) database.
- Visualized and analyzed structural brain abnormalities of images from the ADNI database using FSLVBM.
- Visualized and analyzed cortical anatomy of images from the ADNI database using Freesurfer.

Research Intern, Massachusetts General Hospital, Boston, MA

2019 (Summer)

Center for Addiction Medicine

PI: Jodi Gillman, Ph.D.; Randi Schuster, Ph.D.

Investigator-Initiated Study Using Function Near-Infrared Spectroscopy (fNIRS) to Assess the Cognitive Effects of Marijuana and Alcohol Consumptions on the Brain

Supervisor: Drs. Jodi Gillman and Randi Schuster

- Conducted phone screens for participant recruitment and shadowed participant visits. Interacted with subjects before and after synthetic dronabinol consumption and observed their cognitive testing. Collaborated with others on thorough data checking.
- Studied MATLAB and deep learning techniques to analyze and utilize fNIRS data.

Research Assistant, Harvard University, Cambridge, MA

2019 (Summer)

Clinical Research Lab

PI: Jill Hooley, PhD

Graduate Student-Initiated Study Assessing How Humans Relive Social Vs Physical Pain

Supervisor: Dr. Jill Hooley

- Assisted with literature searches, stimuli finalization, data collection, data organization, and preliminary data analysis.

Thesis Student, Colby College, Waterville ME

2019-2020

Behavioral Neuroscience Lab

PI: Melissa Glenn, PhD

Self-Initiated Study of Executive Dysfunction in hApoE4 Transgenic Rats

Supervisor: Dr. Melissa Glenn

- Formulated, designed, and executed original research study utilizing transgenic h-ApoE4 knock-in animal models.
- Analyzed behavioral data and conducted immunohistochemistry assays on blood samples.
- Sacrificed animal models and prepared brains for analysis.

PSYCHOTHERAPY EXPERIENCE

Graduate Student Therapist, UCLA Psychology Clinic, Los Angeles, CA

2025 - Present

Supervisor: Amy Sewart, PhD and Margaret Hunt, PhD

- *Responsibilities:* Conduct weekly in-person and telehealth individual therapy sessions with adult clients in Comprehensive Dialectical Behavior Therapy program; provide phone coaching to adult clients; participate in weekly consultation team meetings with other trainees in Comprehensive Dialectical Behavior Therapy program; lead or co-lead weekly 90-minute dialectical behavior therapy skills group sessions.
- *Modalities:* Dialectical Behavior Therapy (DBT)

Graduate Student Therapist, UCLA Psychology CBT for AUD Clinic, Los Angeles, CA

2023-2024; 2025 - Present

Supervisor: Lara Ray, PhD

- *Responsibilities:* Conduct semi-structured intake interviews; conduct in-person and telehealth weekly individual therapy sessions with adult clients presenting with alcohol use disorder according to a manualized protocol; participate in weekly group therapy sessions for individuals with alcohol use disorder.
- *Modalities:* Cognitive Behavioral Therapy (CBT)

Psychology Pre-Intern, West Los Angeles, Dept. of Veteran Affairs, Los Angeles, CA

2024 - 2025

Supervisor: Kevin Booker, PhD and Cynthia Funes, PhD

Track: Community Living Center

- *Responsibilities:* Conducted individual therapy sessions with adult and older adult clients with disorders that include mood disorders, thought disorder, substance use disorders, trauma disorders, personality disorders, and neurocognitive disorders; led or co-led weekly group therapy sessions for caregiver support, mindfulness interventions, and dialectical behavior therapy skills; completed weekly chart reviews; attended weekly interdisciplinary care team meetings to discuss patient progress; responded to consultations for neurobehavioral and/or mood evaluations. Complete integrated reports based on comprehensive testing.
- *Modalities:* Acceptance and Commitment Therapy (ACT), Cognitive Behavioral Therapy (CBT), Dialectical Behavior Therapy (DBT)

Intake Interviewer, UCLA Psychology Clinic, Los Angeles, CA

2023

Supervisor: Annette Swain, PhD, ABPP-CN

- *Responsibilities:* Conducted and observed weekly adult intake interviews with a team of clinicians; wrote intake reports detailing clinical presentations, case conceptualization, and diagnoses.

Graduate Student Therapist, UCLA Psychology Clinic, Los Angeles, CA

2023-2024

Supervisor: Emily Owens, PhD and Dr. Anna Lau, PhD

- *Responsibilities:* Conducted weekly in-person individual therapy sessions with adult clients using acceptance and commitment therapy orientation; conducted weekly telehealth therapy sessions with adult clients using cognitive behavior therapy; conducted weekly in-person and Telehealth individual therapy sessions with child client; wrote therapy reports detailing case conceptualization, case approach and outcomes, and diagnoses.
- *Modalities:* Acceptance and Commitment Therapy (ACT), Cognitive Behavioral Therapy (CBT), Managing and Adapting Practice (MAP).

ASSESSMENT EXPERIENCE

Graduate Student Assessor, UCLA Addictions Laboratory, Los Angeles, CA

2022-Present

UCLA Department of Psychology

Supervisor: Lara Ray, PhD

- *Responsibilities:* Administer clinical assessments of substance use disorders, including the Timeline Follow-back, Structured Clinical Interviewing for DSM-5 (MDD, Past Manic Episode, Psychotic and Associated Symptoms, Alcohol Use Disorder, and Substance Use Disorder modules), UCLA Life Stress Interview, and Clinician-Administered PTSD Scale for DSM-5 (CAPS-5); conduct brief neuropsychological battery for patients with AUD and advanced liver disease.

Neuropsychological Assessment Peer Supervisor, UCLA Psychology Clinic, Los Angeles, CA

2024-2025

UCLA Department of Psychology

Licensed Supervisor: Philip Sayegh, MPH, PhD

- *Responsibilities:* Served as student supervisor to early-stage clinical graduate students on adult neuropsychological assessment cases; attended weekly supervision of supervision meetings; held weekly peer supervision meetings; observed intake and feedback sessions; assisted with test battery design, reviewed clinical notes & video recordings, and provided feedback on full report.

Neuropsychological Assessor, UCLA Psychology Clinic, Los Angeles, CA

2023-2024

UCLA Department of Psychology

Supervisor: Philip Sayegh, MPH, PhD

- *Responsibilities:* Conducted intake interviews for adolescent and adult patients seeking assessments for neuropsychological testing or psychoeducation in a low-cost, sliding-scale clinic; conducted comprehensive in-person psychoeducational and neuropsychological assessments for adolescents and adults; prepared and provided detailed reports on patient's history, presenting problem, and diagnostic information; consulted with supervisor in weekly case consultation and collect feedback on clinical technique; maintained clinical records and patient billing via the electronic health record system 'Point-n-Click'

Clinical Research Assistant II, McLean Hospital, (Post-Bacc), Belmont, MA

2021-2022

Marijuana Investigations for Neuroscientific Discovery/Cognitive and Clinical Neuroimaging Core

PI: Staci Gruber, PhD

- *Responsibilities:* Advanced skill trainings in administering neuropsychological assessments that include Rey Auditory Verbal Learning Test (RAVLT), Benton Visual Retention Test (BVRT), Wechsler Abbreviated Scale Intelligence (WASI) Vocabulary and Matrix Reasoning, Controlled Oral Word Association Test (COWAT), Wisconsin Card Sorting Task (WCST), Letter-Number Sequencing, Stroop Color and Word Test, and Multi Source

Interference Test (MSIT); advanced training to conduct study visits for longitudinal observational studies and clinical trials of medical cannabis in adults with anxiety and/or chronic pain, veterans, and opioid users

Clinical Research Assistant II, McLean Hospital, (Post-Bacc), Belmont, MA 2020-2022
Geriatric Psychiatry Research Program
PI: Brent Forester, MD, MSc

- *Responsibilities:* Administered neuropsychological assessments, including California Verbal Learning Test (CVLT), Mini Mental Status Exam (MMSE), Montreal Cognitive Assessment (MOCA), and Trail Making Test (TMT); administered mood assessments, including the Mini International Neuropsychiatric Interview (MINI), Columbia Suicide Severity Rating Scale (C-SSRS), Young Mania Rating Scale (YMRS), Montgomery-Asberg Depression Rating Scale (MADRS), Confusion Assessment Method (CAM), Beck Anxiety Inventory (BAI), Generalized Anxiety Disorder-7 (GAD-7), Global Assessment of Functioning (GAF), and Beck Depression Inventory (BDI); coordinated and conducted longitudinal observational studies and clinical trials, acting as the main point of contact for older adults with Alzheimer's disease, older adults with major depressive disorder, older adults with bipolar disorder, cognitively healthy older adults, and caregivers.

TEACHING EXPERIENCE

Fundamentals of Learning & Behavior, Department of Psychology, UCLA 2025
Supervisor: Andrew Wikenheiser, PhD

- Attended weekly lectures for undergraduate-level course Fundamentals of Learning & Behavior: PSYCH 110 course.
- Taught two discussion sections weekly for groups of 28 students. Disseminated information related to weekly lectures and facilitated weekly completion of written reflections.
- Facilitated midterm and final exams. Graded exams and provided feedback on weekly reflection assignments.

Clinical Psychology Methods Teaching Assistant, Department of Psychology, UCLA 2024
Supervisor: Philip Sayegh, PhD

- Attended weekly lectures for graduate-level course Clinical Psychology Methods: PSYCH 271A course.
- Coordinated mock neuropsychological testing sessions with nine graduate students.
- Provided detailed feedback to graduate students on clinical intakes, neuropsychological test administration, and integrated report writing.

Clinical Psychological Science Guest Lecture, Department of Psychology, UCLA 2024
• Delivered guest lecture on eating disorders and relaxation strategies for Clinical Psychological Science: PSYCH 127A course.

Psychology of Addictions Teaching Assistant, Department of Psychology, UCLA 2023
Supervisor: Lara Ray, PhD

- Held weekly office hours for Psychology of Addictions: PSYCH 162 course.
- Led discussion sections with groups of 45 students.
- Graded midterm and final papers.

Introductory to Psychology Teaching Assistant, Department of Psychology, UCLA 2022
Supervisor: Melissa Paquette-Smith, PhD

- Held bi-weekly office hours for Introductory to Psychology: PSYCH 10 course.
- Provided assistance to students during weekly laboratory classes.
- Graded exams and laboratory assignments.

Department of Psychology Tutor, Colby College 2017-2020
Supervisors: Tarja Raag, PhD. And Jen Coane, PhD. 4 hours weekly. Paid position.

- Worked as a one-on-one tutor for students in need of assistance on homework, projects, or individual exam preparation, as identified by the professor.
- Coordinated group tutoring sessions in preparation for exams.

MENTORING AND LEADERSHIP EXPERIENCE

Research Mentor, UCLA Addictions Lab, UCLA 2022-Present
• Serve as graduate student mentor for undergraduate psychobiology student on Psychology Department Honors Thesis.

- Mentor and co-mentor undergraduate psychology & neuroscience students on independent and group research projects.
- Facilitate RA meetings/workshops on professional development and addiction science.
- Coordinate recruitment and training of undergraduate RAs.

Undergraduate Research Journal of Psychology at UCLA Mentor, UCLA 2023-Present

- Participate in quarterly panels and coffee chats with undergraduate students.
- Provide one-on-one mentorship and oversee review process for submitted undergraduate manuscripts.

Research Training and Career Development Committee, UCLA 2022-2025

- Collaborate with committee members to formulate and disseminate survey on funding opportunities for clinical graduate students.
- Assist in organizing information for clinical graduate students related to clinical training, first-year orientation materials, and alumni networking.

Suicidality Protocol for Non-Clinicians, McLean Hospital 2021

- Collaborated with colleague to lead effort revitalizing suicidality procedures within the Geriatric Psychiatry Research Program, specifically for virtual study visits.
- Created survey for division-wide clinicians querying them for recommendations on how non-clinicians can better prepare and navigate encounters with study subjects that endorse suicidality.
- Developed updated standard operating procedures, preparatory materials and clinician coverage contact list. Adapted novel information into conference submission and planning to create panel of non-clinician suicidality procedures across labs at McLean Hospital.

PROFESSIONAL MEMBERSHIPS

Graduate Student Volunteer, Undergraduate Research Journal of Psychology at UCLA
Society for a Science of Clinical Psychology

AD-HOC JOURNAL CO-REVIEWER

Journal of Affective Disorders
Psychopharmacology
Addictive Behaviors
Drug and Alcohol Dependence Reports

PROFESSIONAL TRAINING

Managing and Adapting Practice (MAP) Direct Service Training, Instructor: Bruce Chorpita, PhD
UCLA's Center for Cognitive Neuroscience MRI Safety and Operations Training
Collaborative Institute Training Initiative (CITI)
Columbia Suicide Severity Rating Scale (C-SSRS)