

Roberto U. Cofresi-Bonilla, Ph.D.

University of Missouri
205B Marx | 17 McAlester
Columbia, MO 65211

+1 (573) 723-1548
cofresir@missouri.edu
Website: MULampLab.org

Professional Appointments

Assistant Professor Department of Psychological Sciences, University of Missouri	08/2024-present
Assistant Research Professor Department of Psychological Sciences, University of Missouri	08/2022-07/2024
Postdoctoral Fellow Department of Psychological Sciences, University of Missouri	08/2018-07/2022

Education

Ph.D. Neuroscience, University of Texas at Austin	2018
B.Sc. Biochemistry, University of Texas at Austin	2013

Active Grant Awards

K99/R00-AA029169 NIH Pathway to Independence Award (Role: PI)	2022-2024 (K99)
K99 Mentor & Co-Mentor: Bruce Bartholow & Brett Froeliger	2024-2027 (R00)
National Institute on Alcohol Abuse and Alcoholism (NIAAA) <i>A translational human laboratory Pavlovian conditioning model of individual differences in risk for alcohol cue incentive salience sensitization and longitudinal assessment of problematic alcohol use.</i>	

Recently Submitted Grant Applications

NIH R01 (Role: Co-I; PI: Froeliger)
Restructuring reward in tobacco use disorder with Savoring training: neural mechanisms
Submission: August 2024

NIH R25 (Role: MPI; PI: Gizer)
MU Alcohol Research Training Summer School (MU-ARTSS)
Submission: March 2024

Awards

R25-DA050724 (Role: Trainee). National Institute on Drug Abuse (NIDA). Addiction Scientists Strengthened through Education and Training (ASSET) career development program for assistant professors and postdoctoral fellows from underrepresented backgrounds.	2024
R01-AA025451-[04/05]S1 (Role: Postdoctoral Trainee; PI: Bartholow). NIAAA. Administrative Supplement to Promote Diversity : Characterizing Low Alcohol Sensitivity in Laboratory and Real-World Contexts	2021-2022
R25-MH080794 (Role: Trainee). National Institute of Mental Health (NIMH). Workshop on the Event-Related Potential Technique (" ERP Boot Camp ").	2021

MU Cognitive Neuroscience Systems (CNS) Core Facility Pilot Study Seed Grant	2021
MU Postdoctoral Research Study Seed Grant	2020
T32-AA013526 (Role: Postdoctoral Trainee) NIAAA. Psychology of Alcohol and Addiction Training at the University of Missouri	2020-2021
College of Arts and Sciences Postdoctoral Fellowship, University of Missouri	2018-2020
T32-AA07471 (Role: Predoctoral Trainee). NIAAA. Alcohol Training Grant Waggoner Center for Alcohol and Addiction Research	2015-2018
UT Austin Graduate School Diversity Mentoring Fellowship Award	2014
UT Austin Office of Vice President for Research Undergraduate Research Fellowship	2012
UT System Louis-Stokes Alliance for Minority Participation Summer Fellowship	2010

Peer-Reviewed Publications

* indicates mentee co-author. More information about mentees in the **Mentoring** section on page 7.

26. **Cofresí, R. U.**, *Upton, S., *Terry, D., Brown, A. A., Piasecki, T. M., Bartholow, B. D., & Froeliger B. (*in press*). Inhibitory control in the sober state as a function of alcohol sensitivity: a pilot functional magnetic resonance imaging (fMRI) study. *Frontiers in Human Neuroscience*.
25. **Cofresí, R. U.**, Bartholow, B. D., Piasecki, T. M. (*in press*). Alcohol insensitivity and the incentive salience of alcohol: Two decades of work relevant to future directions of the Addictions Neuroclinical Assessment. *Translational Psychiatry*.
24. Acuff, S. F., **Cofresí, R. U.**, Varner, A., Sable, J., Bartholow, B. D., MacKillop, J., & Murphy, J.G. (2024). Correspondence between the alcohol-P3 event-related potential and alcohol demand phenotypes of alcohol reward among young adults. *Alcohol: Clinical and Experimental Research*, 48(7), 1302-1312. <https://doi.org/10.1111/acer.15377>
23. **Cofresí, R. U.**, *Upton, S., Brown, A. A., Piasecki, T. M., Bartholow, B. D., & Froeliger, B. (2024). Mesocorticolimbic system reactivity to alcohol use-related visual cues as a function of alcohol sensitivity phenotype: a pilot fMRI study. *Addiction Neuroscience*, 11, 100156. <https://doi.org/10.1016/j.addicn.2024.100156>
22. *Kohen, C. B., **Cofresí, R. U.**, Piasecki, T. M., & Bartholow, B. D. (2024). Predictive utility of the P3 event-related potential (ERP) response to alcohol cues for ecologically assessed alcohol craving and use. *Addiction Biology*, 29(2). <https://doi.org/10.1111/adb.13368>.
21. Miller, M. B., **Cofresí, R. U.**, McCarthy, D. M., & Carskadon M. (2023). Sleep and Circadian Influences on Blood Alcohol Concentration in Humans. *Sleep*, 46(12), 1–8. <https://doi.org/10.1093/sleep/zsad250>
20. Brown, A. A., **Cofresí, R. U.**, Froeliger, B. (2023). Associations between the Wisconsin Inventory of Smoking Dependence Motives (WISDM-68) and Regional Brain Volumes in Adult Smokers. *Nicotine and Tobacco Research*, 25(12), 1882–1890. <https://doi.org/10.1093/ntr/ntad097>
19. *Kohen, C. B., **Cofresí, R. U.**, Bartholow, B. D., & Piasecki, T. M. (2023). Alcohol craving in the natural environment: Moderating roles of cue exposure, drinking, and alcohol sensitivity. *Experimental and Clinical Psychopharmacology*, 31(1), 57–71. <https://doi.org/10.1037/pha0000540>

18. **Cofresí, R.U.**, Piasecki, T.M., & Bartholow, B.D. (2022). Acute Sensitization of the P3 Event-Related Potential Response (ERP) to Beverage Images and the Risk for Alcohol Use Disorder (AUD). *Addiction Neuroscience*, 4, 100041. <https://doi.org/10.1016/j.addicn.2022.100041>
17. **Cofresí, R. U.**, Piasecki, T. M., Bartholow, B. D., and Schachtman, T. R. (2022). Enhanced conditioned “liking” of novel visual cues paired with alcohol or non-alcohol beverage container images among individuals at higher risk for alcohol use disorder. *Psychopharmacology*, 0123456789. <https://doi.org/10.1007/s00213-022-06231-4>
16. **Cofresí, R. U.**, Piasecki, T. M., Hajcak, G., & Bartholow, B. D. (2022). Internal consistency and test–retest reliability of the P3 event-related potential (ERP) elicited by alcoholic and non-alcoholic beverage pictures. *Psychophysiology*, 59, e13967. <https://doi.org/10.1111/psyp.13967>
15. **Cofresí, R.U.**, *Kohen, C. B., Motschman, C., Wiers, R.W., Piasecki, T.M., & Bartholow, B.D. (2022) Behavioral response bias and event-related brain potentials implicate elevated incentive salience attribution to alcohol cues in emerging adults with lower sensitivity to alcohol. *Addiction*, 117, 892–904. <https://doi.org/10.1111/add.15728>
14. **Cofresí, R. U.**, Watts, A. L., *Martins, J. S., Wood, P. K., Sher, K. J., Cowan, N., Miyake, A., & Bartholow, B. D. (2021). Acute effect of alcohol on working memory updating. *Addiction*, 116(11), 3029–3043. <https://doi.org/10.1111/add.15506>
13. Fleming, K. A., **Cofresí, R. U.**, & Bartholow, B. D. (2021). Transfer of incentive salience from a first-order alcohol cue to a novel second-order alcohol cue among individuals at risk for alcohol use disorder: electrophysiological evidence. *Addiction*, 116(7), 1734–1746. <https://doi.org/10.1111/add.15380>
12. **Cofresí, R. U.**, Bartholow, B. D. Acute effects of alcohol on error-elicited negative affect during a cognitive control task (2020). *Psychopharmacology*, 327 (11), 3383-3397. <https://doi.org/10.1007/s00213-020-05619-4>
11. Vena, A. A., Zandy, S. L., **Cofresí, R. U.**, & Gonzales, R. A. (2020). Behavioral, neurobiological, and neurochemical mechanisms of ethanol self-administration: A translational review. *Pharmacology & Therapeutics*, 212, 107573. <https://doi.org/10.1016/j.pharmthera.2020.107573>
10. **Cofresí, R. U.**, Bartholow, B. D., Fromme, K. (2020). Female drinkers are more sensitive than male drinkers to alcohol-induced heart rate increase. *Experimental and Clinical Psychopharmacology*, 28(5), 540-552. <https://doi.org/10.1037/pha0000338>
09. **Cofresí, R. U.**, Bartholow, B. D., Piasecki, T. M. (2019). Evidence for incentive salience sensitization as a pathway to alcohol use disorder. *Neuroscience & Biobehavioral Reviews*, 107, 897-926. <https://doi.org/10.1016/j.neubiorev.2019.10.009>
08. **Cofresí, R. U.**, Gonzales, R. A., Monfils, M.-H., Chaudhri, N., & Lee, H. J. Cue-alcohol associative learning in female rats. (2019). *Alcohol*, 81, 1–9. <https://doi.org/10.1016/j.alcohol.2019.03.003>
07. **Cofresí, R. U.**, *Grote, D.J., Le, E.V.T, Gonzales, R. A., Monfils, M.-H., Chaudhri, N., & Lee, H. J. Alcohol-associated antecedent stimuli elicit alcohol seeking in non-dependent rats and may activate the insula. (2019). *Alcohol*, 76, 91–102. <https://doi.org/10.1016/j.alcohol.2018.08.004>
06. Monfils, M.-H., Lee, H. J., Keller, N. E., Roquet, R. A., Quevedo, S., Agee, L., **Cofresí, R. U.**, & Shumake, J. Predicting extinction phenotype to optimize fear reduction. (2018). *Psychopharmacology*, 236 (1), 99-110. <https://doi.org/10.1007/s00213-018-5005-6>
05. **Cofresí, R. U.**, Lee, H. J., Monfils, M.-H., Chaudhri, N., & Gonzales, R. A. Characterizing conditioned reactivity to sequential alcohol-predictive cues in well-trained rats. (2018). *Alcohol*, 69, 41–49. <https://doi.org/10.1016/j.alcohol.2017.11.034>

04. **Cofresí, R. U.**, *Lewis, S. M., Chaudhri, N., Lee, H. J., Monfils, M.-H., & Gonzales, R. A. (2017). Postretrieval Extinction Attenuates Alcohol Cue Reactivity in Rats. *Alcoholism: Clinical and Experimental Research*, 41(3), 608–617. <http://doi.org/10.1111/acer.13323>
03. Shnitko, T. A., Taylor, S. C., Stringfield, S. J., Zandy, S. L., **Cofresí, R. U.**, Doherty, J. M., Lynch, W., Boettiger, C., Gonzales, R.A., Robinson, D. L. (2016). Acute phenylalanine/tyrosine depletion of phasic dopamine in the rat brain. *Psychopharmacology*, 233(11), 2045–2054. <http://doi.org/10.1007/s00213-016-4259-0>
02. Mangieri, R. A., **Cofresí, R. U.**, & Gonzales, R. A. (2014). Ethanol exposure interacts with training conditions to influence behavioral adaptation to a negative instrumental contingency. *Frontiers in Behavioral Neuroscience*, 8(June), 1–9. <http://doi.org/10.3389/fnbeh.2014.00220>
01. Mangieri, R. A., **Cofresí, R. U.**, & Gonzales, R. A. (2012). Ethanol Seeking by Long Evans Rats Is Not Always a Goal-Directed Behavior. *PLoS ONE*, 7(8), e42886. <http://doi.org/10.1371/journal.pone.0042886>

Manuscripts Under Review / In Prep

* indicates mentee co-author. More information about mentees in the **Mentoring** section on page 7.

03. *Brancaleone, P. J., **Cofresí, R. U.**, Volpert-Esmond, H., Amodio, D. M., Ito, T. A., & Bartholow, B. D. Within-person dynamics of attention to race and expression of race bias: a real-time test of the self-regulation of prejudice model. under review.
02. **Cofresí, R. U.**, Morales, S., Piasecki, T. M., & Bartholow, B. D. EEG time-frequency signatures of alcohol cue reactivity in emerging adult drinkers. in prep.
01. **Cofresí, R. U.**, *Kohen, C. B., Keerstock, S., Piasecki, T. M., & Bartholow, B. D. Alcohol approach-avoidance task behavior and brain potentials forecast ecologically assessed alcohol craving and consumption in early emerging adulthood. in prep.

Select Conference Abstracts

* indicates mentee co-author. More information about mentees in the **Mentoring** section on page 7.

12. Cofresí R. U., Morales, S., Piasecki, T. M., & Bartholow, B. D. "EEG time-frequency signatures of alcohol cue reactivity in emerging adults and associations with alcohol involvement." 47th Annual Research Society on Alcohol Scientific Meeting. June 22-26, 2024. Minneapolis, MN.
11. *Upton, S., Cofresí R. U., *Rodgers, M., Brown, A., *Ebada, R., Piasecki, T. M., Bartholow, B. D. & Froeliger, B. "Inhibitory control performance and circuit function during an fmri gogo/nogo (ggng) task as a function of self-reported alcohol sensitivity: a pilot study." 46th Annual Research Society on Alcohol Scientific Meeting. June 24-28, 2023. Bellevue, WA.
10. *Kohen, C. B., Cofresí, R. U., Piasecki, T. M., & Bartholow, B. D. "Alcohol cue event-related potential response and ecologically assessed drinking behavior in emerging adults." 45th Annual Research Society on Alcohol Scientific Meeting. June 25-29, 2022. Orlando, FL
09. Olvera M. E., Cervantes M. C., Cofresí R. U., Monfils M-H, Gonzales R. A., & Lee H. J. "Extinction after memory retrieval attenuates alcohol seeking behavior in rats previously exposed to chronic ethanol vapor." 45th Annual Research Society on Alcohol Scientific Meeting. June 25-29, 2022. Orlando, FL.
08. Cofresí R. U., *Upton, S., *Rodgers, M., Brown, A., *Ebada, R., Piasecki, T. M., Froeliger, B., & Bartholow, B. D. "Alcohol sensitivity moderates alcohol cue reactivity in anterior insula and medial prefrontal cortex: an fmri pilot study". 45th Annual Research Society on Alcohol Scientific Meeting. June 25-29, 2022. Orlando, FL.

07. Cofresí, R. U., *Kohen, C. B., Motschman, C. A., Piasecki, T. M., Bartholow, B. D. "Approach bias to alcohol cues in lower sensitivity drinkers: event-related potentials implicate response conflict and stimulus significance." 44th Annual Research Society on Alcohol Scientific Meeting & Congress of the International Society for Biomedical Research on Alcohol. June 19-23, 2021. *Virtual Poster Session Due to COVID-19 Pandemic.*
06. *Kohen, C. B., Cofresí, R. U., *Martins, J. S., Piasecki, T. M., Bartholow, B. D. "The impact of alcohol sensitivity on alcohol cue processing in underage drinkers." 60th Annual Meeting of the Society for Psychophysiological Research. Oct 5-6, 2020. *Virtual Poster Session Due to COVID-19 Pandemic.*
05. Cofresí, R. U., Bartholow, B. D. "Pictures of alcoholic beverages can serve as secondary reinforcers in humans." 43rd Annual Research Society on Alcohol Scientific Meeting & Congress of the International Society for Biomedical Research on Alcohol. June 20-25, 2020. *Virtual Poster Session Due to COVID-19 Pandemic.*
04. Cofresí, R. U., Bartholow, B. D., Fromme, K. "Sex-specific moderation of alcohol's effects on heart rate by alcohol use-related environmental cues." 59th Annual Society for Psychophysiological Research Meeting. Sep 25-29, 2019. Washington, DC.
03. Cofresí, R. U., Ferguson, L. B., Tretyak, V., Fromme, K. "Alcohol pharmacokinetics and drinking habits in young adults." 41st Annual Research Society on Alcohol Scientific Meeting. June 15-20; 2018; San Diego, CA.
02. Cofresí, R. U., Chaudhri, N., Lee, H. J., Monfils, M.-H., Gonzales, R.A. "Post-retrieval extinction can attenuate recovery and reinstatement of conditioned reactivity to alcohol cues in Long-Evans rats." *Alcoholism and Stress: A Framework for Future Treatment Strategies.* May 9-12, 2017. Volterra, Italy.
01. Cofresí, R. U., *Lewis, S. M., *Tuite, K. M., Chaudhri, N., Lee, H. J., Monfils, M.-H., Gonzales, R. A. "Characterizing appetitive and consummatory behavior in a novel alcohol cue conditioning paradigm that uses a retractable sipper." 39th Annual Research Society on Alcohol Scientific Meeting. June 25-29, 2016. New Orleans, LA.

Invited Research Talks

23. " 'Top-down' inhibitory control over 'bottom-up' behavioral approach impulses triggered by alcohol cues." 47th Annual Research Society on Alcohol Scientific Meeting. Symposium. June 23, 2024. Minneapolis, MN.
22. "Incentive salience & alcohol sensitivity." San Diego State University, Rising Star Lecture Series, Office of the Vice President for Research and Innovation. Feb 9, 2024. San Diego, CA.
21. "Alcohol sensitivity & incentive salience." University of Florida, College of Pharmacy, Department of Pharmacodynamics, Early Career Neuroscientist Virtual Seminar Series. Nov 29, 2023. *Virtual.*
20. "Incentive salience of alcohol cues and risk for alcohol use disorders." University at Buffalo, School of Public Health & Health Professions, Department of Community Health and Health Behavior. Nov 6, 2023. Buffalo, NY.
19. "Evidence for incentive salience attribution to alcohol cues in humans." University of New Mexico, College of Arts & Sciences, Department of Psychology. Nov 1, 2023. Albuquerque, NM.
18. "On the incentive salience of alcohol cues in humans." University of Missouri, Mizzou Forward Initiative. Oct 30, 2023. Columbia, MO.

17. "Anticipating reward: studying the incentive salience of alcohol cues in humans." Florida State University, College of Medicine, Department of Behavioral Sciences & Social Medicine. Sep 13, 2023. Tallahassee, FL.
16. "Top-down inhibitory control over bottom-up behavioral approach impulses triggered by alcohol cues." 2023 Convention of the American Psychological Association (APA). Symposium. Aug 4, 2023. Washington, DC.
15. "Alcohol beverage cues can serve as rewards in humans: preliminary studies of individual differences." University of Missouri, Department of Psychological Sciences, Cognition & Neuroscience Area Seminar. April 7, 2023. Columbia, MO.
14. "Alcohol beverage cues serve as "rewards" in humans: preliminary studies of individual differences." 61st Annual Meeting of the Society for Psychophysiological Research. Symposium. Sep 30, 2022. Vancouver, BC, CA.
13. "Event-related potential (ERP) and event-related spectral perturbation (ERSP) signatures of incentive salience attribution." 2022 Convention of the American Psychological Association (APA). Symposium. Aug 6, 2022. Minneapolis, MN.
12. "Automatic approach to alcohol among underage drinkers at high risk for future alcohol use disorders." University of Texas MD Anderson Cancer Center, Division of Cancer Prevention and Population Sciences, Department of Behavioral Science, Behavioral Science Research News Hour. Feb 15, 2021. *Virtual*.
11. "Cued approach and its ERP correlates among underage drinkers varying in alcohol sensitivity." University of Missouri, Department of Psychological Sciences, Alcohol and Addictions Research Group Seminar. Oct 12, 2020. *Virtual*.
10. "Second-order alcohol cue conditioning in humans." University of Missouri, Department of Psychological Sciences, Alcohol and Addictions Research Group Seminar. Jan 27, 2020. Columbia, MO.
09. "Breaking hearts: acute effect of alcohol, cues, and context." University of Missouri, Department of Psychological Sciences, Alcohol and Addictions Research Group Seminar. April 15, 2019. Columbia, MO.
08. "Deconditioning reactivity to an alcohol cue: Proof of concept in the rat" University of Missouri, Psychological Sciences. Mar 5, 2018. Columbia, MO.
07. "Updating maladaptive alcohol-associative memory: Proof-of-concept in the rat" University of Chicago, Department of Psychiatry & Behavioral Neuroscience. Mar 2, 2018. Chicago, IL.
06. "Does heavy drinking induce metabolic tolerance in healthy young adults?" University of Texas Waggoner Center for Addiction and Alcohol Research Meeting. May 9, 2018. Austin, TX.
05. "Testing a memory updating approach to relapse prevention for alcohol use disorders using a preclinical rat model." University of Texas, Department of Psychology, Behavioral Neuroscience Area Seminar. Feb 14, 2018. Austin, TX.
04. "Preventing relapse to cue-elicited alcohol seeking with post-retrieval extinction." 40th Annual Research Society on Alcohol Scientific Meeting. Symposium. June 24-28, 2017. Denver, CO.
03. "Alcohol cue retrieval-extinction." University of Texas, Institute for Neuroscience, 1st Annual Retreat. Oct 9, 2016. Austin, TX.
02. "Alcohol cue retrieval-extinction." University of Texas, Department of Psychology, Behavioral Neuroscience Area Seminar. Feb 17, 2016. Austin, TX.
01. "Attenuating cued alcohol seeking." University of Texas, Waggoner Center for Addiction and Alcohol Research Meeting. Jan 27, 2016. Austin, TX.

Invited Guest Lectures (Teaching)

14. "Opponent-process models of drug effects on emotion" in Upper Division Undergraduate Course: "Cognitive Neuroscience Wonderland", Brittney Bishop-Chrzanowski. University of Missouri. Oct 16, 2024. Columbia, MO.
13. "Testing the addictive potential of drugs in non-human animal models" in Upper Division Undergraduate Course: "Cognitive Neuroscience Wonderland", Brittney Bishop-Chrzanowski. University of Missouri. Sep 4, 2024. Columbia, MO.
12. "Pavlov's bells in alcohol use" in Alcohol Research Training Summer School, Dr. Denis McCarthy. University of Missouri. June 5, 2024. Columbia, MO.
11. "Alcohol, behavior, and brainwaves" in Alcohol Research Training Summer School, Dr. Denis McCarthy. University of Missouri. June 4, 2024. Columbia, MO.
10. "Pavlov's bells in alcohol use" in Alcohol Research Training Summer School, Dr. Denis McCarthy. University of Missouri. June 7, 2023. Columbia, MO.
09. "Alcohol, behavior, and brainwaves" in Alcohol Research Training Summer School, Dr. Denis McCarthy. University of Missouri. June 6, 2023. Columbia, MO.
08. "Pavlov's bells in alcohol use" in Alcohol Research Training Summer School, Dr. Denis McCarthy. University of Missouri. June 8, 2022. Columbia, MO.
07. "Pavlov's bells in alcohol use" in Alcohol Research Training Summer School, Dr. Ken J. Sher. University of Missouri. June 8, 2021. Columbia, MO.
06. "Pavlov's bells in alcohol use" in Alcohol Research Training Summer School, Dr. Ken J. Sher. University of Missouri. June 4, 2019. Columbia, MO.
05. "Adapting to chronic drug: tolerance & sensitization" in Upper Division Undergraduate Course: "Neurobiology of Addiction", Dr. R. Adron Harris. University of Texas at Austin. April 12, 2018. Austin, TX.
04. "Pharmacology of Cannabis" in Upper Division Undergraduate Course: "Psychopharmacology", Dr. Hongjoo (Joanne) Lee. University of Texas at Austin. Nov 12, 2017. Austin, TX.
03. "Pharmacology of Alcohol" in Upper Division Undergraduate Course: "Psychopharmacology", Dr. Hongjoo (Joanne) Lee. University of Texas at Austin. Nov 9, 2017. Austin, TX.
02. "Neuropsychopharmacology of alcohol, marijuana, and other recreational drugs" in Lower Division Undergraduate Course: "Biopsychology", Dr. Hongjoo Lee. University of Texas at Austin. Feb 6, 2017. Austin, TX.
01. "Introduction to Pharmacology" in Lower Division Undergraduate Course: "Biopsychology", Dr. Hongjoo Lee. University of Texas at Austin. Feb 3, 2017. Austin, TX.

Mentoring

* indicates mentee is from one or more populations historically underrepresented in the scientific enterprise, as defined by [NIH](#).

Highschool Student:

1. Atul Krishnadas (Fall 2018-Spring 2020). Last known position: Undergraduate Student, Engineering, University of Missouri

Undergraduate/Post-Bacc Student:

Current

3. *Lukas Hawkins (Fall 2023-)
2. *Camila Gutierrez-Gomez (Summer 2023-). Cherg Summer Scholar, Honors College
1. *Darius Stewart (Fall 2022-). Last known position: Master's student, MU Public Health

Past

40. *Luvonte Bressler (Spring 2024-Summer 2024). MU McNair Scholar
39. *Peyton Maras (Fall 2023-Spring 2024)
38. *Sophia Slinkard (Fall 2022-Spring 2023). Last known position: Medical student, KCU
37. *Elizabeth Conley (Fall 2021-Summer 2024). MU Goldwater Fellowship Nominee; DAAD Summer REU. Last known position: Graduate student, WashU Neurosciences
36. *Katelyn Matzdorf (Spring 2023-Spring 2024)
35. *Jasmine Chen (Fall 2022-Spring 2023). MARC/IMSD Intern
34. *Hannah Drzewiecki (Fall 2022-Spring 2023). MARC/IMSD Intern
33. *Abigail Obregon (Fall 2022-Spring 2024)
32. *Paola Gonzalez (Fall 2023). Last known position: Master's student, MU Social Work
31. *Alana Hatanaka (Spring 2023-Summer 2023). Last known position: Staff, Mizzou Therapy Services, MU Health Care
30. *Ian Flowers (Fall 2021-Spring 2023). MU McNair Scholar; Honors Thesis. Last known position: Master's student, Applied Psychology, Maastricht University, Netherlands
29. Liam Peck (Summer 2022-Spring 2023). Honors Thesis. Last known position: Research coordinator for MU SCAN Lab
28. *Emma Johnson (Spring 2021-Spring 2023). Last known position: Research assistant for MU SCAN Lab
27. *Rawan Ebdada (Fall 2021-Fall 2022).
26. *Devon Terry (Fall 2020-Spring 2022). MU McNair Scholar; Honors Thesis. Last known position: Research coordinator for MU Health Neuroscience Center
25. Jarod Gage Crum (Fall 2020-Spring 2022). Last known position: Research coordinator for MU Clinical Neuropsychology Lab
24. *Mikayla Rodgers (Fall 2020-Spring 2022). Last known position: Rocky Vista University medical student
23. Cole Schilling (Summer 2021-Spring 2022). Last known position: Graduate student, Counseling, University of Missouri-Kansas City
22. Harjeev Singh (Fall 2020-Spring 2021)
21. *Olivia Layton (Fall 2020-Spring 2021)
20. *Anthony Alvarado (Fall 2020-Spring 2021)
19. Kyle Kirby (2020)
18. *Carsen Steele (Fall 2019-Fall 2020)
17. *Christiana Werner (Fall 2019-Spring 2020). Last known position: Research coordinator for Vanderbilt Brain Development Lab
16. Stephen Knowlton (Fall 2019)
15. *Thisbe Scholfield-Johnson (Spring 2019-Summer 2019)
14. *Nicole Morse (Fall 2018-Spring 2019)
13. Zachary Denton (Fall 2018-Spring 2020)
12. *Kathryn McCulloch (Fall 2018-Spring 2020)
11. *Haley Benson (Summer 2018-Fall 2019). Last known position: Judicial Law Clerk, St. Louis Circuit Court
10. *Jenna Weseley (Spring 2017)
09. *Aimée Nazario-Ovalles (Spring 2017)
08. Jarod Chaney (Spring 2017)
07. *Lauren Schneider (Spring 2017)
06. Dylan J Grote (2016-2017). UT Austin OVPR Undergraduate Research Fellowship. Last known position: Texas A&M medical school student
05. *Innsun "Kacey" Park (2016). Last known position: Seoul National University medical student

- 04. *Kathleen M Tuite (2015-2016). UT Austin OVPR Undergraduate Research Fellowship
- 03. Krishna K Kapoor (Spring 2015)
- 02. *Suzanne M Lewis (2014-2015). Last known position: Graduate student, Behavioral Neuroscience, University of Washington - Seattle
- 01. Nathan Drew Wibisono (Summer 2014)

Graduate Student:

Formal Mentoring

Master's Thesis Committees

- 01. *Robin Arnold (Fall 2024)

Qualifying Exam Committees

- 01. *Spencer Upton (Fall 2024)

Informal Mentoring

Current

- 02. *Robin Arnold (Fall 2024-)
- 01. *Spencer Upton (Fall 2022-)

Past

- 05. *Paul Brancaleone (Spring 2021-Spring 2024). Last known position: Graduate Student, Psychological and Brain Sciences, University of Iowa
- 04. Casey Kohen (Fall 2019-Spring 2024). Last known position: Clinical internship, American Lake VA Medical Center
- 03. *Kelsey Irvin, PhD (Fall 2018-Spring 2021). Last known position: Clinical internship, SUNY Upstate Medical University
- 02. Jorge S. Martins, PhD (Fall 2018-Spring 2020). Last known position: Postdoctoral Fellow, Yale; Postdoctoral Researcher, Williams James Center for Research (Portugal)
- 01. *Hannah Volpert-Esmond, PhD (Fall 2018-Spring 2020). Last known position: Assistant Professor, UTEP

Service

Department or University Community

Lead organizer (2019-2020) *Addictions Journal Club*, University of Missouri. Bimonthly meeting of graduate students and postdoctoral fellows to discuss recently published original research articles relevant to psychology and neuroscience of addiction to alcohol and other drugs as well as addictive behaviors. Collaborators: Jorge Martins, Courtney Motschman.

Creator and President (2010-2013) *Synapse*, Undergraduate Neuroscience Association, University of Texas at Austin. Fostered neuroscience at the undergraduate level. Maintained listserv and communications. Booked campus researchers for "speaker" meetings. Led discussion at "peer-led discussion" meetings. Organized and presented at "journal club" meetings. Twice orchestrated a neuroscience-themed team trivia competition with faculty, postdoc, and grad student judges. Collaborators: Devon Greer, Ryan Ellis, Taylor Allen.

Professional Community

Ad-hoc Reviewer for Scientific Journals: *Addiction Biology*, *Addictive Behaviors*, *Alcohol*, *Alcohol: Clinical & Experimental Research* (formerly: *Alcoholism: Clinical & Experimental Research*), *Drug and Alcohol Dependence*, *Experimental and Clinical Psychopharmacology*, *Journal of Clinical and Experimental Neuropsychology*, *Journal of Substance Abuse Treatment*, *Learning and Motivation*, *Neuropsychopharmacology*, *Psychology of Addictive Behaviors*,

Psychophysiology, Substance Use and Misuse (formerly: *International Journal of the Addictions*)

Ad-hoc Reviewer for NIH Center for Scientific Review: Neurotoxicology and Alcohol (NAL) Study Section (October 2023)

Ad-hoc Reviewer for Research Society on Alcohol: Doctoral Student Small Grants Program (2020, 2021, 2023, 2024), Annual Scientific Meeting Program (2022)

Broader Community

Lead organizer (2015-2018) *Comprehensive Drug Education Outreach* in Austin, TX.

Taught basic neuroscience and psychopharmacology to middle school and high school students of economically disadvantaged and historically marginalized ethnic background. Corrected misperceptions about addiction, legality, and relative harm/safety. Discussed the subjective effects and health risks associated with use of various drugs (e.g., alcohol, marijuana, tobacco, inhalants). Collaborators: Adam Gordon, Anna Warden.

Media requested interviews, commentaries, or science talks aimed at lay audiences

4. "Reward pursuit: 'wanting' vs. 'liking'" lay audience talk for: Science on Screen, RagTag Cinema. Feb 20, 2024. Columbia, MO.
3. Interviewed for: "What 'Euphoria' Gets Right About Addiction" by Marie McMullan for Vox Magazine. Feb 17, 2022.
2. Interviewed for: "An Ex-Drinker's Search For a Sober Buzz" by John Seabrook for The New Yorker. Sep 20, 2021.
1. Interviewed for: "Making Discoveries Together" by Kristin Black for Missouri Center for Addiction Research and Engagement (MOCARE). April 28, 2021.

Professional memberships

2014 – 2023	Society for Neuroscience
2016 – present	Research Society on Alcohol
2016 – present	APA Division 50: Addiction Psychology
2016 – present	APA Division 28: Psychopharmacology & Substance Abuse
2018 – present	Society for Psychophysiological Research
2022 – present	APA Division 6: Behavioral Neuroscience & Comparative Psychology
2024 – present	Society for the Advancement of Chicanos & Native Americans in Science
2024 – present	American Association for the Advancement of Science