

CURRICULUM VITAE
JESSICA WEAVER, Ph.D.

CONTACT INFORMATION

Department of Psychology
University of Kentucky
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EDUCATION

- 2012-2015 Postdoctoral Fellow**
Department of Psychiatry and Behavioral Neuroscience
University of Chicago, Chicago, IL
Mentor: Harriet de Wit, Ph.D.
- 2014 Visiting Fellow**
Department of Neurology
Indiana University School of Medicine, Indianapolis, IN
Mentor: David A. Kareken, Ph.D.
- 2012 Ph.D., Experimental Psychology**
University of Kentucky, Lexington, KY
Mentor: Mark T. Fillmore, Ph.D.
- 2008 M.A., Experimental Psychology**
University of Kentucky, Lexington, KY
Mentor: Mark T. Fillmore, Ph.D.
- 2004 B.A., Psychology, with Distinction, Summa Cum Laude**
Boston University, Boston, MA

ACADEMIC POSITIONS

- 2019- Assistant Professor**
Department of Psychology
University of Kentucky
- 2015-2019 Research Assistant Professor**
Department of Psychiatry and Behavioral Neuroscience
University of Chicago

HONORS AND AWARDS

- 2021** **Young Psychopharmacologist Award**, American Psychological Association, Division 28
- 2016-2017** **Clinical Loan Repayment Program Renewal**, National Institute on Drug Abuse
- 2016-2017** **Editorial Fellow**, Drug and Alcohol Dependence
- 2015** **Travel Award**, American College of Neuropsychopharmacology
- 2014-2016** **Clinical Loan Repayment Program Award**, National Institute on Drug Abuse
- 2014, 2009** **Travel Award**, International Society for Biomedical Research on Alcoholism
- 2013-2015** **Junior Investigator Meeting Award**, Research Society on Alcoholism
- 2013** **Travel Bursary**, European Behavioral Pharmacology Society
- 2013** **NIDA Director's Travel Award**, College on Problems of Drug Dependence
- 2010** **Graduate Student Achievement Award**, Behavioral Neuroscience and Psychopharmacology, University of Kentucky
- 2010** **Travel Award**, Guze Symposium on Alcoholism
- 2009** **Enoch Gordis Award Finalist**, Research Society on Alcoholism
- 2008-2012** **Student Merit Meeting Award**, Research Society on Alcoholism
- 2007-2008** **Research Challenge Trust Fund Fellow**, University of Kentucky
- 2007** **Best Student Poster Award**, American Psychological Association, Division 28
- 2007** **Early Career Investigator Award**, American Psychological Association
- 2006-2007** **Graduate School Academic Year Fellowship**, University of Kentucky
- 2004** **Phi Beta Kappa**
- 2000-2004** **University Scholarship**, Boston University
- 2000-2004** **National Merit Scholars Award**, Boston University

GRANT FUNDING

Active:

- 2020 – 2025 NIAAA R01 AA028503 (Principal Investigator). *Sex Differences in Risk for Alcohol Use Disorder: Neural and Hormonal Influences*. Total Direct Costs = \$1,667,162
- 2020 – 2025 NIDA R01 DA02812 (Co-Investigator). *Determinants of Drug Preferences in Humans* (PI: H. de Wit). Total Direct Costs = \$1,357,330.
- 2016 – 2021 NIAAA K01 AA024519 (Principal Investigator). *Neurobiological Factors Underlying Sex Differences in Risk for Alcohol Abuse*. Total Direct Costs = \$553,908.
- 2020 – 2021 University of Kentucky Substance Use Priority Research Area Pilot Grant (Multiple Principal Investigator). *Testing an Online Insomnia Intervention to Reduce Alcohol Use Via Improved Sleep Among At-Risk Heavy Drinkers*. Total Direct Costs = \$49,594.
- 2020 University of Kentucky CURE COVID-19 Pilot Program (Co-Investigator). *Alcohol Use, Sleep, and Stress in the Time of COVID-19* (PI: M. Moloney). Total Direct Costs = \$9,750

Completed:

- 2015-2018 NIDA R21 DA037642 (Co-Investigator). *Inhibitory Control and Drug Reward in Humans* (PI: H. de Wit). Total Direct Costs = \$275,000.
- 2014-2015 NIDA F32 DA033756-S1 (Principal Investigator). *Impulsivity and Stimulant Drug Reward (Supplement)*. Total Direct Costs = \$27,991.
- 2012-2014 NIDA F32 DA033756 (Principal Investigator). *Impulsivity and Stimulant Drug Reward*. Total Direct Costs = \$101,728.
- 2009-2012 NIAAA F31 AA018584 (Principal Investigator). *Alcohol Sensitivity and Abuse Potential in ADHD*. Total Direct Costs = \$88,418.
- 2008-2009 NIDA T32 DA007304 (Predoctoral Research Fellow). *Research Training in Drug Abuse Behavior* (PI: Thomas F. Garrity).

PUBLICATIONS

Peer-reviewed publications:

1. Fillmore, M.T. and **Weafer, J.** 2004. Alcohol impairment of behavior in men and women (Target Article). *Addiction* 99:1237-1246.
2. Palfai, T.P and **Weafer, J.** 2006. College student drinking and meaning in the pursuit of life goals. *Psychology of Addictive Behaviors* 20:131-134.
3. **Weafer, J.**, Camarillo, D., Fillmore, M.T., Milich, R., and Marczinski, C.A. 2008. Simulated driving performance of adults with ADHD: Comparisons with alcohol intoxication. *Experimental and Clinical Psychopharmacology* 16:251-263.
4. **Weafer, J.** and Fillmore, M.T. 2008. Individual differences in acute alcohol impairment of inhibitory control predict *ad libitum* alcohol consumption. *Psychopharmacology* 201:315-324.
5. **Weafer, J.**, Fillmore, M.T., and Milich, R. 2009. Increased sensitivity to the disinhibiting effects of alcohol in adults with ADHD. *Experimental and Clinical Psychopharmacology* 17:113-121.
6. Miller, M.A., **Weafer, J.**, and Fillmore, M.T. 2009. Gender differences in alcohol impairment of simulated driving performance and driving related skills. *Alcohol and Alcoholism* 44:586-593.
7. **Weafer, J.**, Miller, M.A., and Fillmore, M.T. 2010. Response conflict as an environmental determinant of gender differences in sensitivity to alcohol impairment. *Current Drug Abuse Reviews* 3:147-155.
8. **Weafer, J.**, Milich, R., and Fillmore, M.T. 2011. Behavioral components of impulsivity predict alcohol consumption in adults with ADHD and healthy controls. *Drug and Alcohol Dependence* 113:139-146.
9. **Weafer, J.** and Fillmore, M.T. 2012. Acute tolerance to alcohol impairment of behavioral and cognitive mechanisms related to driving: Drinking and driving on the descending limb. *Psychopharmacology* 220:697-706.
10. **Weafer, J.** and Fillmore, M.T. 2012. Alcohol-related stimuli reduce inhibitory control of behavior in drinkers. *Psychopharmacology* 222:489-498.

11. **Weafer, J.** and Fillmore, M.T. 2012. Comparison of alcohol impairment of behavioral and attentional inhibition. *Drug and Alcohol Dependence* 126:176-182.
12. Fillmore, M.T. and **Weafer, J.** 2012. Acute tolerance to alcohol in at-risk binge drinkers. *Psychology of Addictive Behaviors* 26:693-702.
13. **Weafer, J.** and Fillmore, M.T. 2013. Acute alcohol effects on attentional bias in heavy and moderate drinkers. *Psychology of Addictive Behaviors* 27:32-41.
14. **Weafer, J.** and de Wit, H. 2013. Inattention, impulsive action, and subjective response to d-amphetamine. *Drug and Alcohol Dependence* 133:127-133.
15. **Weafer, J.**, Baggott, M.J., and de Wit, H. 2013. Test-retest reliability of behavioral measures of impulsive choice, impulsive action, and inattention. *Experimental and Clinical Psychopharmacology* 21:475-481.
16. **Weafer, J.**, Gallo, D.A., and de Wit, H. 2014. Amphetamine fails to alter cued recollection of emotional images: Study of encoding, retrieval, and state-dependency. *PLoS One* 9:e90423.
17. Roberts, W., Miller, M.A., **Weafer, J.**, and Fillmore, M.T. 2014. Heavy drinking and the role of inhibitory control of attention. *Experimental and Clinical Psychopharmacology* 22:133-140.
18. **Weafer, J.** and de Wit, H. 2014. Sex differences in impulsive action and impulsive choice. *Addictive Behaviors* 39:1573-1579.
19. **Weafer, J.**, Burkhardt, A., and de Wit, H. 2014. Sweet taste liking is associated with impulsive behavior in humans. *Frontiers in Behavioral Neuroscience* 8:228.
20. **Weafer, J.**, Mitchell, S.H., and de Wit, H. 2014. Recent translational findings on impulsivity in relation to drug abuse. *Current Addiction Reports* 1:289-300.
21. **Weafer, J.** and Fillmore, M.T. 2015. Alcohol-related cues potentiate alcohol impairment of behavioral control in drinkers. *Psychology of Addictive Behaviors* 29:290-299.
22. **Weafer, J.***, Ballard, M.E.*, Gallo, D.A., and de Wit, H. 2015. Effects of acute methamphetamine on emotional memory formation in humans: Encoding vs. consolidation. *PLoS One* 10:e0117062.
*The first two authors contributed equally to preparing the manuscript.
23. **Weafer, J.**, De Arcangelis, J., and de Wit, H. 2015. Sex differences in behavioral impulsivity in at-risk and non-risk drinkers. *Frontiers in Psychiatry* 6:72.
24. **Weafer, J.**, Dzemidzic, M., Eiler, W., Oberlin, B.G., Wang, Y., and Kareken, D.A. 2015. Associations between regional brain physiology and trait impulsivity, motor inhibition, and impaired control over drinking. *Psychiatry Research: Neuroimaging* 30:81-87.
25. **Weafer, J.**, Gallo, D.A., and de Wit, H. 2016. Acute effects of alcohol on encoding and consolidation of memory for emotional stimuli. *Journal of Studies on Alcohol and Drugs* 77:86-94.
26. **Weafer, J.** and Fillmore, M.T. 2016. Low dose alcohol effects on measures of inhibitory control, delay discounting, and risk-taking. *Current Addiction Reports* 3:75-84.
27. Smith, C., **Weafer, J.**, Cowan, R.L., Kessler, R.M., Palmer, A.A., de Wit, H., and Zald, D.H. 2016. Individual differences in timing of peak positive subjective response to d-amphetamine: Relationship to pharmacokinetics and physiology. *Journal of Psychopharmacology* 30:330-343.

28. **Weafer, J.**, Gallo, D.A., and de Wit, H. 2016. Effect of alcohol on encoding and consolidation of memory for alcohol-related images. *Alcoholism: Clinical and Experimental Research* 40:1540-1547.
29. Bershad, A.K., **Weafer, J.**, Kirkpatrick, M.G., Wardle, M.C., Miller, M.A., and de Wit, H. 2016. Oxytocin receptor gene variation predicts subjective responses to MDMA. *Social Neuroscience* 11:592-599
30. MacKillop, J., **Weafer, J.**, Gray, J., Oshri, A., Palmer, A., and de Wit, H. 2016. The latent structure of impulsivity: Impulsive choice, impulsive action, and impulsive personality traits. *Psychopharmacology* 223:3361-3370.
31. Bidwell, L.C., Gray, J., **Weafer, J.**, Palmer, A., de Wit, H., and MacKillop, J. 2017. Genetic influences on ADHD symptom dimensions: Examination of a priori candidates, genome-wide variation, and SNP heritability. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics* 174:458-466.
32. **Weafer, J.**, Gorka, S.M., Hedeker, D., Dzemidzic, M., Kareken, D.A., Phan, K.L., and de Wit, H. 2017. Associations between behavioral and neural correlates of inhibitory control and amphetamine reward sensitivity. *Neuropsychopharmacology* 42:1905-1913.
33. **Weafer, J.**, Lyon, N., Hedeker, D., and de Wit, H. 2017. Sweet taste liking is associated with subjective response to amphetamine in women but not men. *Psychopharmacology* 234:3185-3194.
34. Crane, N.A., Gorka, S.M., **Weafer, J.**, Langenecker, S.A., de Wit, H., and Phan, K.L. 2017. Preliminary evidence for disrupted nucleus accumbens reactivity and connectivity to reward in binge drinkers. *Alcohol and Alcoholism* 52:647-654.
35. **Weafer, J.***, Gray, J.C.*, Hernandez, K., Palmer, A.A., MacKillop, J., and de Wit, H. 2017. Hierarchical investigation of genetic influences on response inhibition in healthy young adults. *Experimental and Clinical Psychopharmacology* 25:512-520.
*The first two authors contributed equally to preparing the manuscript.
36. Gray, J.C., MacKillop, J., **Weafer, J.**, Hernandez, K.M., Gao, J., Palmer, A.A., and de Wit, H. 2018. Genetic analysis of impulsive personality traits: Examination of *a priori* candidates and genome-wide variation. *Psychiatry Research* 259:398-404.
37. Doss, M.K., **Weafer, J.**, Gallo, D.A., and de Wit, H. 2018. MDMA impairs both the encoding and retrieval of emotional recollections. *Neuropsychopharmacology* 43:791-800.
38. Crane, N.A., Gorka, S.M., **Weafer, J.**, Langenecker, S.A., de Wit, H., and Phan, K.L. 2018. Neural activation to monetary reward is associated with amphetamine reward sensitivity. *Neuropsychopharmacology* 43:1738-1744.
39. Doss, M.K., **Weafer, J.**, Gallo, D.A., and de Wit, H. 2018. Δ 9-Tetrahydrocannabinol at retrieval drives false recollection of neutral and emotional memories. *Biological Psychiatry* 15:743-750.
40. Doss, M.K., **Weafer, J.**, Ruiz, N.A., Gallo, D.A., and de Wit, H. 2018. Alcohol and pharmacologically similar sedatives impair encoding and facilitate consolidation of both recollection and familiarity in episodic memory. *Cognitive Neuroscience* 9:89-99.
41. **Weafer, J.**, Ross, T.J., O'Connor, S., Stein, E.A., de Wit, H., and Childs, E. 2018. Striatal activity correlates with stimulant-like effects of alcohol in healthy volunteers. *Neuropsychopharmacology* 43:2532-2538.

42. MacKillop, J., Gray, J.C., **Weafer, J.**, Sanchez-Roige, S., Palmer, A.A., and de Wit, H. 2019. Genetic influences on delayed reward discounting: a genome-wide prioritized subset approach. *Experimental and Clinical Psychopharmacology* 27:29-37.
43. **Weafer, J.**, Crane, N.A., Gorka, S.M., Phan, K.L., and de Wit, H. 2019. Neural correlates of inhibition and reward are negatively associated. *Neuroimage* 196:188-194.
44. Meyre, D., Mohamed, S., Gray, J., **Weafer, J.**, MacKillop, J., and de Wit, H. 2019. Association between impulsivity traits and body mass index at the observational and genetic epidemiology level. *Scientific Reports* 9:17583.
45. Doss, M.K., **Weafer, J.**, Gallo, D.A., and de Wit, H. 2020. Δ 9-Tetrahydrocannabinol during encoding impairs perceptual details yet spares context effects on episodic memory. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging* 5:110-118.
46. Langenecker, S.A., Kling, L.R., Crane, N.A., Gorka, S.M., Nusslock, R., Damme, K.S., **Weafer, J.**, de Wit, H., and Phan, K.L. 2020. Anticipation of monetary reward in amygdala, insula, caudate are predictors of pleasure sensitivity to d-amphetamine administration. *Drug and Alcohol Dependence* 206:107725.
47. **Weafer, J.**, Phan, K.L., and de Wit, H. 2020. Poor inhibitory control is associated with greater stimulation and less sedation following alcohol. *Psychopharmacology* 237:825-832.
48. **Weafer, J.**, Van Hedger, K., Keedy, S., Nwaokolo, N., and de Wit, H. 2020. Methamphetamine acutely alters frontostriatal resting state functional connectivity in healthy young adults. *Addiction Biology* 25:e12775.
49. Cyders, M.A., Plawecki, M.H., Corbin, W., King, A., McCarthy, D.M., Ramchandani, V.A., **Weafer, J.**, and O'Connor, S.J. 2020. To infuse or ingest in human laboratory alcohol research. *Alcoholism: Clinical and Experimental Research* 44:764-776.
50. Murray, C.H., **Weafer, J.**, and de Wit, H. 2020. Stability of acute responses to drugs in humans across repeated testing: Findings with alcohol and amphetamine. *Drug and Alcohol Dependence* 212:107989.
51. Li, J., Murray, C.H., **Weafer, J.**, and de Wit, H. 2020. Subjective effects of alcohol predict alcohol choice in social drinkers. *Alcoholism: Clinical and Experimental Research* 44:2579-2587.
52. Pabon, E., Crane, N.A., Radoman, M., **Weafer, J.**, Langenecker, S., de Wit, H., and Phan, K.L. 2021. Neural activation during anticipation of monetary gain or loss does not associate with positive subjective response to alcohol in binge drinkers. *Drug and Alcohol Dependence* 218:108432.
53. Radoman, M., Crane, N.A., Gorka, S.M., **Weafer, J.**, Langenecker, S.A., de Wit, H., and Phan, K.L. 2021. Striatal activation to monetary reward is associated with alcohol reward sensitivity. *Neuropsychopharmacology* 46:343-350.
54. Allen, H.C., **Weafer, J.**, Wesley, M.J., and Fillmore, M.T. 2021. Acute rewarding and disinhibiting effects of alcohol as indicators of drinking habits. *Psychopharmacology* 238:181-191.
55. Murray, C.H., Li, J., **Weafer, J.**, and de Wit, H. In Press. Subjective responses predict d-amphetamine choice in healthy volunteers. *Pharmacology Biochemistry and Behavior*.

56. **Weafer, J.**, Gorka, S.M., Dzemidzic, M., Kareken, D.A., Phan, K.L., and de Wit, H. In Press. Neural correlates of inhibitory control are associated with stimulant-like effects of alcohol. *Neuropsychopharmacology*.

Book chapters:

1. Fillmore, M.T. and **Weafer, J.** Behavioral inhibition and addiction. In: MacKillop, J. and de Wit, H. 2013. *The Wiley-Blackwell Handbook of Addiction Psychopharmacology*. pp. 135-164, John Wiley and Sons Limited, West Sussex, UK.
2. Fillmore, M.T. and **Weafer, J.** Impaired inhibitory control as a mechanism of drug addiction. In: Bardo, M.T., Fishbein, D.H. and Milich, R. *Inhibitory Control and Drug Abuse Prevention: From Research to Translation*. pp 85-100, Springer Publishing, New York, NY.
3. **Weafer, J.** Sex differences in neural correlates of inhibitory control. In: de Wit, H. and Jentsch, J.D. *Current Topics in Behavioral Neurosciences: Recent Advances in Research on Impulsivity and Impulsive Behaviors*. In Press. Springer Publishing.

Symposia and Paper Presentations at Scientific Meetings

1. **Weafer, J.** and Fillmore, M.T. 2009. Increased sensitivity to the disinhibiting effects of alcohol in adults with ADHD. Enoch Gordis Award Finalist paper presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
2. **Weafer, J.** and Fillmore, M.T. 2010. Response conflict as an environmental determinant of gender differences in sensitivity to alcohol impairment. In **J. Weafer** and T. Butler (Co-Chairs), *Gender/sex differences in alcohol-related behaviors and neuronal injury: A graduate student perspective*. Symposium presented at the International Society for Biomedical Research on Alcoholism World Congress, Paris, France.
3. **Weafer, J.** and Fillmore, M.T. 2014. Drug-related cues potentiate alcohol impairment of inhibitory control. In **J. Weafer** and M.T. Fillmore (Co-Chairs), *Interplay between appetitive bias and inhibitory control in addictive behaviors*. Symposium presented at the biannual joint meeting of the Research Society on Alcoholism and the International Society for Biomedical Research on Alcoholism World Congress, Bellevue, WA.
4. **Weafer, J.** and de Wit, H. 2015. Acute effects of alcohol on memory for alcohol-related stimuli. In **J. Weafer** and J. Laude (Co-Chairs), *The role of conditioned reinforcement in learning and memory processes: Implications for drug addiction*. Symposium presented at the annual meeting of the Association for Behavior Analysis International, San Antonio, TX.
5. **Weafer, J.**, Phan, K.L., and de Wit, H. 2016. Poor inhibitory control and hypo-frontal brain activation during response inhibition predict greater amphetamine reward sensitivity in humans. Late-Breaking Research presented at the College on Problems of Drug Dependence, Palm Springs, CA.
6. **Weafer, J.**, Dzemidzic, M., Gorka, S.M., Kareken, D.A., Phan, K.L., and de Wit, H. 2016. Disinhibition and risk for drug abuse: A problem of impaired control or heightened drug reward sensitivity? In **J. Weafer** (Chair), *Genetic, neural, and*

behavioral factors linking impulsivity to alcohol and drug abuse. Symposium presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.

7. **Weafer, J.**, Lyon, N.P., Gorka, S.M., Phan, K.L., and de Wit, H. 2016. Brain activation during response inhibition predicts sensitivity to drug and non-drug rewards. In **J. Weafer** and R.F. Leeman (Co-Chairs), *New findings linking impulsivity, reward, and alcohol sensitivity.* Symposium presented at the International Society for Biomedical Research on Alcoholism World Congress, Berlin, Germany.
8. **Weafer, J.**, Phan, K.L., and de Wit, H. 2017. Neurobiological factors underlying sex differences in disinhibition in heavy drinkers. In M.J. Skelly (Chair), *Neurobiological risk factors for alcohol addiction in females: Recent advances in clinical and preclinical research.* Symposium presented at the annual meeting of the Research Society on Alcoholism, Denver, CO.
9. **Weafer, J.**, and de Wit, H. 2018. Hormonal and neural factors underlying risk for alcohol abuse in women. In C.G. Holzhauser (Chair), *Using translational science to develop treatments for women with alcohol use disorders.* Symposium presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
10. **Weafer, J.**, Dzemidzic, M., Kareken, D.A., Gorka, S., Phan, K.L., and de Wit, H. 2020. Impaired inhibitory control predicts alcohol-induced stimulation and sedation. In J. Patock-Peckham (Organizer), *Disinhibition and impaired control over alcohol use: A comparison of neurological, self-administration, longitudinal and psychometric methods.* Workshop to be presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA (cancelled due to COVID-19).

Invited Speaking

1. Neurobiological factors underlying inhibitory control and risk for drug abuse. Invited Speaker, Training in Emerging Multidisciplinary Approaches to Mental Health and Disease (T32MH020065) Summer Retreat. University of Chicago. Chicago, IL. (2016)
2. Inhibitory control and risk for drug abuse. Invited Speaker, Mid-American Association for Behavior Analysis Conference. Wisconsin Dells, WI. (2016)
3. Inhibitory control and risk for drug abuse. Grand Rounds Presentation, Department of Psychiatry and Behavioral Neuroscience. University of Chicago. Chicago, IL. (2016)
4. Disinhibition and risk for drug abuse. Speaker Series, Institute for Prevention Research and the Department of Preventive Medicine. University of Southern California. Los Angeles, CA. (2016)
5. Neurobiological factors linking inhibitory control and risk for drug abuse. Invited Speaker, Department of Physiology and Pharmacology. Wake Forest University. Winston-Salem, NC (2017)
6. Neurobiological factors underlying disinhibition in heavy drinking women. NIDA-NIAAA Neuroscience Workgroup Webinar Series: Webinars by Early Career Investigators in Addiction Neuroscience (WECAN). (2018)

7. Sex differences in addiction vulnerability. Special Guest Research Lecture. Department of Psychiatry. Brigham and Women's Hospital, Harvard Medical School. Boston, MA (2018)
8. Sex differences in neurobiological risk factors for addiction. Invited Speaker. Department of Psychology. University of Kentucky. Lexington, KY (2018)
9. Sex differences in risk for addiction. Invited Speaker. Neuroscientists Interested in Drug Abuse. University of Kentucky. Lexington, KY (2019)

TEACHING EXPERIENCE

Lectures

- 2009 Guest lecturer, Brain and Behavior, University of Kentucky
- 2016 Guest lecturer, Advanced Clinical Pharmacology and Therapeutics, University of Chicago
- 2020 Advanced Topics in Neuroscience (Neuroscience of Addiction: Clinical Studies)

Research Trainees:

High school students

- 2012-2013 June Qian, Illinois Mathematics and Science Academy, Aurora, IL, Student Inquiry and Research, "Impulsivity and Subjective Response to the Stimulant and Sedative Effects of Alcohol"
- 2013 Aniruddha Shekara, Illinois Mathematics and Science Academy, Aurora, IL, Student Inquiry and Research Summer Program, "Dimensions of Impulsivity: Associations between Impulsive Choice and Risk-Taking in Relation to Gambling"
- 2014-2015 Faithe Hill, Illinois Mathematics and Science Academy, Aurora, IL, Student Inquiry and Research, "Inhibitory Control as a Predictor of Drug Reward following Amphetamine, Alcohol, and Tetrahydrocannabinol"

Undergraduate students

- 2015 Nicholas Lyon, University of Chicago, Chicago, IL, Katen Scholars Program, "Sweets and Stimulants: Does a Preference for Sucrose Predict Acute Subjective Response to Amphetamine?"
- 2015-2016 Nicholas Lyon, University of Chicago, Chicago, IL, Senior Honors Thesis, "Effects of MDMA on Responses to Social Rejection"
- 2020 Kelsey Naylor, University of Kentucky, Lexington, KY, Independent Work in Psychology
- 2020-2021 Fiona Winkel, University of Kentucky, Lexington, KY, Independent Work in Psychology, Senior Honors Thesis "Sex Differences in Effects of an Online Insomnia Intervention on Drinking"

Medical students

- 2014-2016 Catherine Trippe, University of Chicago, Pritzker School of Medicine, Scholarship and Discovery, "Impulsivity and Childhood Trauma"
- 2018 Jim Li, University of Chicago, Pritzker School of Medicine, "Predictors of d-amphetamine choice"

Masters students

2017-2018 Emma Herms, University of Chicago, Master of Arts Program in the Social Sciences (MAPSS), “Alcohol effects on food consumption: Examining the role of alcohol-induced disinhibition and reward sensitivity”

Rotating graduate students

2018 Carolina Castro-Rivera, University of Chicago, Neurobiology, “Sweet taste liking and alcohol reward”

Visiting Scholars

2015-2016 Chang Qi, Second Xiangya Hospital, Central South University, Changsha, China

PROFESSIONAL ACTIVITIES

Editing and Reviewing

2016-2017 Drug and Alcohol Dependence, *Editorial Fellow*
2016-2017 Experimental and Clinical Psychopharmacology, *Consulting Editor*
2017- Drug and Alcohol Dependence, *Editorial Board Member*
2020- Journal of the Experimental Analysis of Behavior, *Editorial Board Member*

Ad Hoc Journal Reviewer:

Addiction
Addiction Biology
Addiction Research and Theory
Addictive Behaviors
Alcohol
Alcohol and Alcoholism
Alcoholism: Clinical and Experimental Research
American Journal of Drug and Alcohol Abuse
American Journal of Psychiatry
Appetite
Behavioural Processes
Biological Psychiatry: Cognitive Neuroscience and Neuroimaging
BMC Psychiatry
Brain Imaging and Behavior
Clinical Psychology Review
Cognitive, Affective, and Behavioral Neuroscience
Current Addiction Reports
Drug and Alcohol Dependence
Experimental and Clinical Psychopharmacology
Frontiers in Behavioral Neuroscience
Human Brain Mapping
Human Psychopharmacology: Clinical and Experimental
International Journal of Neuropsychopharmacology
Journal of Abnormal Psychology

Journal of Experimental Psychology: Human Perception and Performance
Journal of Psychiatric Research
Journal of Psychopharmacology
Journal of Studies on Alcohol and Drugs
Journal of the Experimental Analysis of Behavior
Neuroimage
Neuropsychopharmacology
Nicotine & Tobacco Research
Personality and Individual Differences
PLoS One
Psychiatry Research: Neuroimaging
Psychological Science
Psychology of Addictive Behaviors
Psychoneuroendocrinology
Psychopharmacology
Psychophysiology
Substance Use and Misuse

Ad Hoc Grant Reviewer:

2018-2019 Ralph E Powe Junior Faculty Award, Oak Ridge Associated Universities
2020 Kentucky Biomedical Research Infrastructure Network (KBRIN), funded by NIH
 grant 2P20GM103436-14

Professional Affiliations

American Psychological Association, Division 28 (Psychopharmacology and Substance Abuse)
College on Problems of Drug Dependence
European Behavioural Pharmacology Society
International Society for Biomedical Research on Alcoholism
Research Society on Alcoholism

Professional Service

2017-2019 **Councilor**, Society for Neuroscience, Chicago Chapter
2017-2020 **Education Outreach and Public Policy Committee**, College on Problems of
 Drug Dependence
2017- **LRP Ambassador**, NIH Loan Repayment Program
2019-2021 **Program Committee**, Research Society on Alcoholism
2019 **Chair, Education Outreach and Public Policy Committee**, College on
 Problems of Drug Dependence
2020-2023 **Public Policy Committee**, College on Problems of Drug Dependence