**MIRANDA PAULINE RAMIREZ**

**EDUCATION**

2024 – Current **Ph.D.**  **Experimental Psychology,** advisor: Michelle M. Martel Ph.D.

University of Kentucky, Lexington, KY

2021 – 2024 **M.S.**  **Experimental Psychology,** advisor: Michael J. Wesley Ph.D.

University of Kentucky, Lexington, KY

2017 – 2019 **B.A.** **Psychology,** advisor: Jack J. McDowell, Ph.D.

Emory University, Atlanta, GA

2015 – 2017 **A.A.** **Psychology**

Oxford College of Emory University, Oxford, GA

**PREVIOUS**

2019 – 2021 **Research Analyst** University of Kentucky, Neurobehavioral Systems Lab, Lexington, KY

2019 – 2019 **Research Assistant** University of Kentucky, Neurobehavioral Systems Lab, Lexington, KY

2018 – 2019 **Data Manager** Emory University, Yerkes Clinical Pathology Lab, Atlanta, GA

**SCIENTIFIC PARTICIPATION**

**Professional memberships**

2024 – Current Member, American Psychological Society (APA)

2024 – Current Member, International Study Group Investigating Drugs As Reinforcers (ISGIDAR)

2024 – CurrentCommunications Committee, College on Problems of Drug Dependence (CPDD)

2023 – CurrentEarly Career Members Committee, College on Problems of Drug Dependence (CPDD)

2022 – CurrentCo-Chair, Awards and Honors Committee, Women in Medicine and Science (WIMS)

**PUBLICATIONS**

**Peer-reviewed**

1. Ramirez, Miranda, "Neural Hyperactivity during Value-Based Decision-Making in People with Daily/Near Daily Cannabis Use" (April, 2024). Theses and Dissertations--Psychology. 248. https://uknowledge.uky.edu/psychology\_etds/248
2. Tolbert, P., Ramirez, M., Strickland, J., Lile, J., Stoops, W., Stamper, B., Sumner, C., Wesley, M. (2023, May). Exponentiated model of drug demand is preferred over exponential models in people with daily/near daily cannabis use. Exp Clin Psychopharmacol. doi: 10.1037/pha0000652. Epub ahead of print. PMID: 37126035.
3. Hanlon, C., Kinney, K., Ramirez, M., Wesley, M., (2022, December). Neuromodulation for substance use disorders. Wolters Kluwer, Inc. Accepted.
4. Wesley, M., Ramirez, M., Mays, S., Hanlon, C., George, M., Tolbert, P., & Lile, J. (2021, November). Modulating the cognitive and subjective effects of THC in young adults with cannabis use disorder. Brain Stimulation: Basic, Translational, and Clinical Research in Neuromodulation, 14(6), 1662.
5. Smith, A., Kelly, T., Lile, J., Martin, C., Ramirez, M., Wesley, M., (2021, March). The Effects of d-Amphetamine on Active-State Functional Connectivity: Influence of Impulsivity and Sensation Seeking Status. Experimental and Clinical Psychopharmacology.

**SCIENTIFIC ABSTRACTS AND ORAL PRESENTATIONS**

1. Ramirez, M., Tolbert, P., Beckmann, J., Lile, J., Stoops, W., Wesley, M. (2024, June) The Neurobehavioral Influence of Daily/Near Daily Cannabis Use on Value-Based Decision-Making. Oral presentation given at the annual conference of the College on Problems of Drug Dependence, Montreal, Quebec
2. Lile, J., Beckmann, J., Tolbert, P., Ramirez, M., Shellenberg, T., Stoops, W., Strickland, J., Wesley, M. (2024, June) Neurobehavioral Differences in Value-Based Decision-Making Between People with Cocaine Use Disorder and Controls. Oral presentation given at the annual conference of the College on Problems of Drug Dependence, Montreal, Quebec
3. Wesley, M., Tolbert, P., Ramirez, M., Shellenberg, T., Beckmann, J., Stoops, W., Lile, J. (2024, June) The Subjective Value of Cocaine Cues in the Rostral Prefrontal Cortex Guides Decisions in People with Cocaine Use Disorder. Oral presentation given at the annual conference of the College on Problems of Drug Dependence, Montreal, Quebec
4. Ramirez, M., Tolbert, P., Beckmann, J., Lile, J., Stoops, W., Wesley, M. (2024, April) Neural Hyperactivity during Value-Based Decision-Making in People with Daily/Near Daily Cannabis Use. Oral presentation given at the annual Substance Use Research Event, Lexington, KY.
5. Tolbert, P., Ramirez, M., Beckmann, J., Stoops, W., Lile, J. Wesley, M. (2024, March) Utilizing Reinforcement Learning Models to Uncover Mechanisms of Value-Based Decision-Making in Individuals with Cocaine Use Disorder. Poster session presented at the annual Public Health Showcase, Lexington, KY.
6. Tolbert, P., Ramirez, M., Beckmann, J., Stoops, W., Lile, J. Wesley, M. (2024, April) Behavioral Differences in Value-Based Decision Making in Individuals with Cocaine Use Disorder Described by Reinforcement Learning Models. Poster session presented at the annual Substance Use Research Event, Lexington, KY.
7. Wesley, M., Tolbert, P., Ramirez, M., Beckmann, J., Hays, L., Alcorn III, J., Rush, C., Stoops, W., Lile, J. (2023, December) Effects of cocaine cues on neurobehavioral choice dynamics in people with cocaine use disorder. Poster presented at the American College of Neuropsychopharmacology (ACNP) annual meeting, Tampa, FL.
8. Ramirez, M., Tolbert, P., Stamper, B., Sumner, C., Lile, J., Wesley, M. (2023, June) The Left Dorsolateral Prefrontal Cortex Modulates the Perception of Low Dose THC Effects in Individuals with Problematic Cannabis Use. Poster session presented at the annual conference of the College on Problems of Drug Dependence, Denver, CO.
9. Wesley, M., Beckmann, J., Babalonis, S., Alcorn, J., Hatton, K., Hays, L., Ramirez, M., Tolbert, P., Rush C., Lile, J. (2023, June) Effects of Opioid Use Disorder and Withdrawal on Striatal Reward prediction Errors during Decision-Making. Poster session presented at the annual conference of the College on Problems of Drug Dependence, Denver, CO.
10. Ramirez, M., Tolbert, P., Stamper, B., Sumner, C., Lile, J., Wesley, M. (2023, April) Changes in Subjective Drug Effects Following TMS Administration in Young Adults with Daily/Near Daily Cannabis Use. Oral presentation given at the annual Substance Use Research Event, Lexington, KY.
11. Ramirez, M., Lile, J., Beckmann, J., Mays, S., Rush, C., Stoops, W., Tolbert, P., Wesley, M. (2022, September) The Influence of Cocaine Use Disorder and Drug Cues on Decision-Making. Oral presentation given at the Department of Psychology Professional Development Seminar, Lexington, KY.
12. Ramirez, M., Lile, J., Beckmann, J., Mays, S., Rush, C., Stoops, W., Tolbert, P., Wesley, M. (2022, June) The Influence of Cocaine Use Disorder and Drug Cues on Decision-Making. Oral presentation given at the annual Substance Use Research Event, Lexington, KY.
13. Ramirez, M., Lile, J., Beckmann, J., Mays, S., Rush, C., Stoops, W., Tolbert, P., Wesley, M. (2022, June) The Influence of Cocaine Use Disorder, Drug Cues, and Sex on Decision-Making. Poster presented at the annual conference of the College on Problems of Drug Dependence, Minneapolis, MN.
14. Wesley, M., Ramirez, M., Mays, S., Hanlon, C., George, M., Tolbert, P., Lile, J. (2021, December) Modulating the Cognitive and Subjective Effects of THC in Young Adults with Cannabis Use Disorder. Poster session presented at the annual conference of International Brain Stimulation, Charleston, SC.
15. Smith, A., Kelly, T., Lile, J., Martin, C., Ramirez, M., Wesley, M. (2020, June) Effects of d-Amphetamine on Active-State Functional Connectivity: Influence of Impulsivity & Sensation Seeking Status. Poster session presented at the annual conference of the College on Problems of Drug Dependence, Virtual.
16. Ramirez, M., Smith, A., George, M., Hanlon, C., & Wesley, M (2020, June) Neurofunctional Targeting of Transcranial Magnetic Stimulation (TMS) in Substance Use Disorder Research and Treatment. Poster session presented at the annual conference of the College on Problems of Drug Dependence, Virtual.
17. Ramirez, M., Hackett, R., & McDowell, J. J. (2019, April). Sensitivity to reinforcement rate in adults with ADHD. Poster session presented at the annual conference of the Georgia Psychological Association, Atlanta, GA.
18. Niu, K., Arles, M., Ramirez, M., Hackett, R., & McDowell, J. J. (2018, October). Sensitivity to Reinforcement Rate in Adults with ADHD. Poster session presented at the annual conference of the Southeastern Association of Behavior Analysis, Chattanooga, TN.

**SCIENTIFIC TRAINING**

2023 – Current Human Research CITI Training: Social/Behavioral Investigators (Record ID: 54021015)

2022 – Current Responsible Conduct of Research CITI Training (Record ID: 47381275)

2021 – 2022 Responsible Conduct of Research CITI Training (Record ID: 42313473)

2020 – 2023 Human Research CITI Training: Social/Behavioral Investigators (Record ID: 37613453)

2020 – 2021 Responsible Conduct of Research CITI Training (Record ID: 37613454)

**SERVICE**

2024 – Current Graduate Student Mentor, Dept. of Psychology, University of Kentucky

2022 Assisted in manuscript peer review, Frontiers in Neuroscience

2021 – 2022 Event Organizer, Dept of Psychology Professional Development Seminars UK-A&S

2020 Assisted in manuscript peer review, Drug and Alcohol Dependence

2019 Assisted in manuscript peer review, Neuroimage

2019 Assisted in manuscript peer review, Addiction Biology

2022 Student Ambassador, Dean’s Circle Scholarship Luncheon, University of Kentucky

2021 – 2022 Graduate Student Mentor, Start to Finish Mentoring Program, University of Kentucky

2020 Guest Speaker, Brenda Cowan Elementary School, Lexington, KY

**FELLOWSHIPS, SCHOLARSHIPS, AND GRANTS**

2024 – Current Interdisciplinary Training in Alcohol Research (T32 AA027488)

2023 – Current UNITE Predoctoral Fellow

2023 – 2024 Research Training in Drug Abuse Behavior (T32 DA035200)

2023 CCTS Substance Use Disorder Research Trainee Travel Award (UL1TR001998)

2022 – 2023 Research Training in Drug Abuse Behavior (T32 DA035200)

2021 COVID-19 Relief Grant

2017 Emory Summer Abroad Grant

2015-2019 Emory Advantage Loan Replacement Grant