

Layne Robinson

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EDUCATION

Bachelor of Science in Psychology, Neuroscience Minor May 2022
University of Kentucky, Lexington, KY
Honors Thesis: Biological sex as a potential moderator of the effects of acute alcohol use on sleep quality and efficiency in a heavy-drinking population
Supervisor: Jessica Weafer, PhD

ACADEMIC HONORS AND AWARDS

University of Kentucky Psychology Scholars Program - selective 4-year program with smaller, more intensive core psychology classes	2018-2022
University of Kentucky Provost Scholar	2018-2022
Kentucky Education Excellence Scholar	2018-2022
University of Kentucky College of Arts & Sciences Dean’s List	2019-2022
University of Kentucky Honors: Magna Cum Laude	2022
University of Kentucky Departmental Honors: Psychology	2022

RESEARCH EXPERIENCE

Clinical Addictions Research Lab

University of Chicago, Department of Psychiatry and Behavioral Neuroscience, Chicago, IL
Chicago Social Drinking Project

PI: Andrea King, Ph.D.

Research Coordinator May 2023 - Present

- Promoted to research coordinator of the NIAAA-funded Chicago Social Drinking Project that examines subjective, performance, and biological response to a high-dose of alcohol (compared to placebo) in individuals ages 40-65 yrs. with alcohol use disorder and their light drinking controls.
- Facilitate and supervise laboratory alcohol-challenge sessions and EMA alcohol-drinking episode data collection.
- Assist in the continued development of and adherence to study protocols and procedures.
- Administer structured interviews to assess study candidate eligibility (SCID-IV, Timeline Follow-Back, Health Reviews, CIWA).
- Perform administrative duties such as assisting with grant renewals, progress reports, data analysis, literature reviews, manuscript writing and presentations.
- Supervise and train post-baccalaureate, undergraduate, and high school-level research assistants.

Research Assistant June 2022 - May 2023

- Conducted alcohol-challenge sessions by administering a high-dose (0.8g/kg) of alcohol or a placebo to participants, followed by administration of survey measures, psychomotor tasks, eye-tracking, cardiovascular measures, and biological sample collection.

- Facilitated data collection of EMA-alcohol responses from participants through a mobile phone application.
- Facilitated outreach to and recruitment of study candidates.
- Performed administrative duties such as assisting with grant renewals, progress reports, literature searches, and presentations.

Virtual Interaction Project

PI: Andrea King, Ph.D. and Emma Brett, Ph.D.

Research Coordinator

May 2023 - present

- Serve as co-coordinator for a NIDA-funded pilot study that examines responses to virtual e-cigarette cues in adolescents with a range of substance use behaviors.
- Contribute to the continuing development of new study protocols while adhering to IRB regulations regarding research with minors.
- Oversee recruitment, scheduling, screening, and virtual experimental sessions of adolescent participants in preliminary data collection to support grant renewal submission.
- Supervise study confederates and delegate tasks to research support.

Research on the Neuropsychology of Organ Transplant Patients

University of Kentucky, Department of Psychology and Kentucky Neuroscience Institute, Lexington, KY

PI: Justin Karr, Ph.D. and Timothy Ainger, Ph.D.

Undergraduate Research Assistant

Jan 2023 - May 2023

- Entered neuropsychological test scores and data of organ transplant patients.

Weafer Alcohol Research Laboratory

University of Kentucky, Department of Psychology, Lexington, KY

PI: Jessica Weafer, Ph.D.

Undergraduate Research Assistant

Aug 2021 - May 2022

- Assisted with fMRI and intravenous alcohol sessions, data collection and entry, and recruitment for Dr. Weafer's NIAAA-funded project investigating neural and hormonal sex differences and their concurrent risks for alcohol use disorder.
- Participated in lab meetings and discussions regarding analysis of results and future directions.

Behavioral Neuroscience and Psychopharmacology Quail Lab

University of Kentucky, Department of Psychology, Lexington, KY

PI: Chana Akins, Ph.D.

Undergraduate Research Assistant

Aug 2019 - Aug 2021

- Assisted with data collection and entry of Dr. Akin's project that employed a conditioned place preference model to investigate the response of quail to ethanol.
- Observed and assisted with brain slicing of quail brains.
- Assisted with manuscript preparation.

BIBLIOGRAPHY

Peer-Reviewed Publications

1. Eaton, S. E., Dzhala, S., **Robinson, L. E.**, Radevski, M. E., & Akins, C. K. (2023). Ethanol induces a dose-dependent conditioned place preference and conditioned place aversion in Japanese quail. *Experimental and Clinical Psychopharmacology*, 31(1), 1–6. <https://doi.org/10.1037/pha0000548>

Manuscripts Under Review

2. **Robinson, L.E.**, Vena, A., Didier, N., Thomas, R., King, A.C. (under review). Combination treatment with varenicline and nicotine patch for smoking cessation and heavy drinking: 26-week follow-up results of a randomized clinical trial.

Manuscripts in Preparation

3. Thomas, R., Vena, A., Nordgren, R., **Robinson, L.E.**, King, A.C. (in preparation). Stimulating and rewarding responses to a fixed-dose alcohol challenge in drinkers with varying levels of alcohol use disorder severity.

PRESENTATIONS

Oral

1. **Robinson L.E.**, Didier N., Brett E.I., Vena A., Thomas R., King A.C. (2024, March). Combination treatment with varenicline and nicotine patch on smoking cessation outcomes in heavy drinkers at 26-week follow-up. Society for Research on Nicotine and Tobacco Annual Meeting, Edinburgh, Scotland, U.K.

Poster

2. **Robinson, L.E.**, Vena, A., Didier, N., King, A.C., (2024, April). Smoking and drinking outcomes of heavy-drinking smokers receiving combination varenicline and nicotine patch: 6-month follow-up. Submitted to the Midwest Psychological Association Annual Meeting, Chicago, IL, U.S.
3. Thomas, R., Vena, A., Nordgren, R., **Robinson, L.E.**, King, A.C., (2024, April). Subjective responses to a laboratory alcohol challenge in drinkers with varying levels of alcohol use disorder severity. Submitted to the Midwest Psychological Association Annual Meeting, Chicago, IL, U.S.
4. Thomas R., Brett E.I., Fischer A., **Robinson L.E.**, King A.C. (2024, March). Tell your friends: Recruitment and reactivity of adolescents in virtual vaping cue research. Society for Research on Nicotine and Tobacco Annual Meeting, Edinburgh, Scotland, U.K.
5. **Robinson L.E.**, Didier N., Thomas R., King A.C. (2023, June). Tolerance to the psychomotor effects of alcohol varies with age and drinking phenotype. Research Society on Alcohol Annual Scientific Meeting, Bellevue, Washington, U.S.
6. Thomas R., Didier N., **Robinson L.E.**, King A.C. (2023, June) The pressure is on: Cardiovascular responses to alcohol across drinking phenotypes and age groups. Research Society on Alcohol Annual Scientific Meeting, Bellevue, Washington, U.S.
7. **Robinson, L.E.**, Weafer, J., Verlinden, J. (2021, April) Biological sex as a potential moderator of the effects of acute alcohol use on sleep quality and efficiency in a heavy-

drinking population. University of Kentucky Psychology Department Honors Thesis Poster Session, Lexington, KY, U.S.

8. Eaton, S.E., Dzhala, S., **Robinson, L.E.**, Radevski, M.E., Akins, C.K. (2021, March). Ethanol induces a dose-dependent conditioned place preference and conditioned place aversion in Japanese quail. Substance Use Research Event, University of Kentucky, Lexington, KY, U.S.
9. Eaton, S.E., **Robinson, L.E.**, Pryor, K., Hopkins, D.M., Pauly, J.R., Akins, C.K. (2020, March). Localizing norepinephrine transporters in Japanese quail brains. Substance Use Research Event, University of Kentucky, Lexington, KY, U.S.

CLINICAL AND PROFESSIONAL EXPERIENCE

Courage to Quit®, University of Chicago, Chicago, IL

Head Program Assistant

May 2023 - present

- Facilitate virtual group therapy meetings for a program that assists predominantly underserved racial and ethnic minority patients with tobacco cessation on the southside of Chicago.
- Manage patient attendance and nicotine replacement therapy (patch, lozenge, gum) usage.
- Provide support to patients and program group leaders.
- Produce quarterly progress reports for the Respiratory Health Association.
- Co-led a group therapy meeting under the supervision of a licensed provider.

Kentucky Neuroscience Institute, Lexington, KY

Observer of Clinical Neuropsychologist

Jan 2022 - May 2022

- Observed Timothy Ainger, Ph.D.'s consultations and interpretations of neuropsychological test scores and imaging results to patients with epilepsy, traumatic brain injury, organ failure, and other conditions affecting neuropsychological function.

Rosa Parks Elementary School, Lexington, KY

After School Program Assistant

Jan 2019 - May 2022

- Supervised elementary (grades K-5) school children at an after-school program.
- Assisted students with homework, peer conflicts, and emotional skills.

VOLUNTEER EXPERIENCE

NeuroCATS, University of Kentucky, Lexington, KY

Member

Aug 2019 - May 2022

- Assisted with community outreach events to educate and foster interest in local youth on the topic of neuroscience.

SPECIALIZED TRAINING AND CERTIFICATIONS

SCID-IV Diagnostic Interviewing (April 2023)

- AUD, SUD, MDD, and OCD modules, trained by Andrea King, Ph.D., Daniel Fridberg, Ph.D, and Emma Brett, Ph.D and monitored in bi-monthly fidelity meetings.

Counsel to Quit: Courage to Quit Leader Training (March 2023)

- Training on evidence-based smoking cessation treatment program developed by Andrea King, Ph.D. and delivered by the Respiratory Health Association, Chicago, IL.

Collaborative Institute Training Initiative (CITI) (June 2022)

- Human Research, Social and Behavioral Researchers and Staff, Biomedical Researchers and Staff, Good Clinical Practice, Race in Clinical Research: Ethics and IRB Decision Making

HIPAA Certification at the University of Chicago (June 2022)

HeartSaver CPR/AED, Basic Life Support Certification at the University of Chicago (February 2023)

Preventing Harassment & Discrimination: Non-Supervisors Clery Act and Title IX (Illinois) Certification (November 2022)

EverFi Protecting Youth Certification (July 2022)

ADDITIONAL SKILLS

SPSS Statistics Proficiency

GraphPad Prism Proficiency

R Statistics/R Studio Proficiency

REFERENCES

Name & Relationship	Occupation & Affiliation	Email
Andrea King, PhD (Current PI)	<i>Professor</i> , Department of Psychiatry and Behavioral Neuroscience, University of Chicago	aking@bsd.uchicago.edu
Daniel Fridberg, PhD (Current PI)	<i>Associate Professor</i> , Department of Psychiatry and Behavioral Neuroscience, University of Chicago	dfridberg@bsd.uchicago.edu
Jessica Weafer, PhD (Former PI)	<i>Associate Professor</i> , Department of Psychiatry and Behavioral Health, The Ohio State University	jessica.weafer@osumc.edu
Justin Karr, PhD (Former Professor and PI)	<i>Assistant Professor</i> , Department of Psychology, University of Kentucky	jkarr@uky.edu
Chana Akins, PhD (Former Professor and PI)	<i>Professor</i> , Department of Psychology, University of Kentucky	ckakin1@uky.edu