

# Addiction Neuroscience Lab Opportunities

**Are you interested in how your childhood environment changes your brain & behavior into adulthood?**

**Do you want to better understand how changes in the brain contribute to addiction & relapse?**

**Do you want the opportunity to design research projects, attend conferences and publish your scientific work?**



**Come join us!** In the Cain lab we use animal models of early life environmental differences, to unravel the underlying mechanisms of addiction and addiction vulnerability. Our team's pre-clinical research serves as the basis for developing treatments for people suffering with addiction and substance use disorders in addition to understanding the brain.

**What will I learn?** Undergraduates in the lab can expect to learn aspects of several scientific disciplines including both behavioral and neurobiological techniques. Many also learn surgical techniques, improve their data interpretation skills, scientific literacy, and critical thinking, with opportunities to contribute to publications, design, and conduct research projects.

**Are current/former students successful?** Students in our lab frequently attend regional, national, and international conferences to present research. These scientific conferences are excellent opportunities for networking with potential graduate and medical schools and offer sources of inspiration for future work. Many of our students have gone on to graduate schools, medical schools, and post-baccalaureate positions at the National Institute for Drug Abuse (NIDA) where the training they received with their lab mates can be applied to new and interesting problems and solutions.

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