Meagan Blanchard

meagan.blanchard@uky.edu (224) 707-2256

# Education

## Psychology B.A., Criminology Minor 08/2020-05/2024

University of Kentucky

# Experience

## Undergraduate Research Assistant 01/2023-05/2023

### Michael T. Bardo, University of Kentucky

* Basic rat husbandry
* Rodent pre- and post-operational care on indwelling jugular catheter surgery
* Scoring behavior videos
* Dosing out solutions for rodent self-administration
* Behavioral testing
* Rodent handling
* Data management
* Injection techniques

## Lab Technician 07/2023-Present

### Michael T. Bardo, University of Kentucky

* Rat brain extractions
* Cryostat slicing with fixed tissue
* Immunohistochemistry with free-floating tissue (oxytocin [OT] and cFos)
* MedPC experience
* Research experiment development
* Ran behavior studies without supervision on the weekend

## Graduate Student 08/2024-Present

### Michael T. Bardo, University of Kentucky

* Perfusion
* Data management and analysis
* Statistical models
* Coding in R
* Research experiment development and management

# Awards and Acknowledgements

## Dean’s List

Fall 2020, Spring 2022, Fall 2022, Spring 2023

## Psychology Scholars Program 08/2020-Present

## CURE Fellowship (Not Awarded)

## NIDA Internship (Not Awarded)

# Posters and Seminars

## Blanchard, M.B. (2023, April). Social ABA Renewal with Fentanyl and Naltrexone. Lab Meeting – Oral Presentation, Lexington, KY.

## Blanchard, M.B. (2023, December). Social ABA Renewal with Fentanyl and Buprenorphine. Undergraduate Research Presentations – Oral Presentation, Lexington, KY.

## Bardo MT, Humburg BA, Malone SA, Blanchard MB, Carbone M, and Hammerslag LR. (In Preparation). Peer-Induced Reinstatement of Remifentanil Seeking in Rats – Publication, Lexington, KY.

# Relevant Coursework

* Neuropharmacology: Drugs and Behavior
* Brain and Behavior
* Special Topic in Psychology: Controversies in Drug Addiction and Treatment
* Behavioral Neuroscience
* Applications of Statistics in Psychology
* Experimental Psychology
* Special Topic in Sociology: Drugs and Society
* Substance Misuse
* Senior Thesis Seminar
* Directed Readings in Cognitive Neuroscience

# Leadership and Extracurriculars

## Psychology Scholars Mentor 08/2023-present

Mentored freshman psychology majors in the university’s psychology scholars program

## Women in Neuroscience Club 08/2022-present

Community outreaches to teach more people about neuroscience and science as a whole

## Volunteer at The Hope Center 11/2022-present

Prepare and serve food to the homeless community in Lexington, Kentucky