

AUTUMN STAGE

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EDUCATION

University of Kentucky	Aug. 2024 – Present
Master of Science in Experimental Psychology Concentration: Cognitive Neuroscience	
Northern Michigan University	Aug. 2021 – May 2024
Bachelor of Science in Psychology Concentration: Brain and Behavior Minor: Criminal Justice Overall GPA: 3.86 Concentration GPA: 4.0 Honors: Magna Cum Laude	

PUBLICATIONS

- Wells, M., Hoffmann, J., **Stage, A.**, Enger, B., Pomper, J., Briggs, L., & LaCrosse, A. (2024). Efficacy of Fluoxetine and (R,S) Ketamine in Attenuating Conditioned Fear Behaviors in Male Mice. *Journal of Pharmacology and Experimental Therapeutics*.
- Lacrosse, A., Jacobson, M., Hubl, A., Natale, C., Hoffmann, J., **Stage, A.**, Enger, I., Donar, A., McManey, M., Prus, A. (2025). Effects of naltrexone on gabapentin reward and buprenorphine combinations in male mice. *Behavioural Brain Research*.

RESEARCH EXPERIENCE

Prendergast Laboratory, University of Kentucky	2024 – Present
<i>Graduate Research Assistant</i> Mentor: Mark Prendergast, PhD Study: Investigating estradiol's role in hippocampal neuroprotection, synaptic plasticity, and recovery following binge alcohol exposure	
<ul style="list-style-type: none">Skills: Handling rats, brain removal and hippocampal isolation, slicing brain tissue, microscopy, immunohistochemistry, data analysis	
Cancer and Cognition Laboratory, Northern Michigan University	2022 – 2024
<i>Undergraduate Laboratory Manager</i> Mentor: Amber LaCrosse, PhD Study: Cognitive Flexibility Task, Cisplatin Chemotherapy Induced Cognitive Decline	
<ul style="list-style-type: none">Skills: Handling mice, husbandry, leading operant chamber procedures including managing Med-PC software and recording data.	

Study: Evaluating the abuse potential of gabapentin in combination with buprenorphine using conditioned place preference in mice

- Skills: Used conditioned place preference to determine the abuse potential of gabapentin; handling mice, husbandry, administering drug treatment via intraperitoneal and subcutaneous injection in rodents, brain removal and flash freezing for future immunohistochemistry.

Study: Efficacy of fluoxetine and R-S ketamine in attenuating conditioned fear in mice

- Skills: Analyzing video and recording data for specific behaviors related to aggression, brain removal and flash freezing for future immunohistochemistry.

RESEARCH PRESENTATIONS

Wells, M., Pomper, J., **Stage, A.**, Enger, B., Briggs, L., & LaCrosse, AL. (2024). Drug Treatments for Post-Traumatic Stress Disorder in a Mouse Model. Celebration of Student Scholarship, Northern Michigan University, MI. April 2024.

Wells, M., Donar, A., Briggs, L., Enger, B., **Stage, A.**, McManemy, M., Jacobson, M., & LaCrosse, AL. (2023). Efficacy of fluoxetine and R-S ketamine in attenuating conditioned fear in mice. Department of Psychology, Northern Michigan University, Marquette, MI. Society for Neuroscience. Washington, DC, November 11-16, 2023.

Wells, M., Donar, A., Briggs, L., Enger, B., **Stage, A.**, McManemy, M., Jacobson, M., & LaCrosse, AL. (2023). Efficacy of fluoxetine and R-S ketamine in attenuating conditioned fear in mice. Department of Psychology, Northern Michigan University, Marquette, MI. Upper Midwest Society for Neuroscience. Green Bay, WI, October 21, 2023.

Donar, A., McManemy, M., Briggs, L., **Stage, A.**, Enger, I., Jacobson, M., Prus, A., & LaCrosse, A.L. (2023). Evaluating the Abuse Potential of Gabapentin in Combination with Buprenorphine Using Conditioned Place Preference in Mice. Department of Psychology, Northern Michigan University, Marquette, MI. Upper Midwest Society for Neuroscience. Green Bay, WI, Oct 21, 2023.

Godin, B., Harris, E., Payne, J.D., Briggs, L., **Stage, A.**, Toegel, C., Toegel, Forrest., & LaCrosse, AL. (2023). Evaluating Cognitive Deficits Associated with Cisplatin Chemotherapy in Mouse Models. Celebration of Student Scholarship, Northern Michigan University, MI. April 2023.

Payne, J.D., Toegel, C., Harris, E., Godin, B., Briggs, L., **Stage, A.**, Marion, N., Toegel, F., & LaCrosse, A. (2023). Discrimination Reversal Task Training in C57 and CD1 mice strains. Celebration of Student Scholarship, Northern Michigan University, MI. April 2023.

TEACHING EXPERIENCE

University of Kentucky Lexington, KY
Department of Psychology Aug. 2024 – Dec. 2025

Graduate Teaching Assistant: PSY 100 Introduction to Psychology

- Present during lecture, lead lab sections, answered questions regarding content, graded assignments, held office hours for further questions and individual assistance.

Northern Michigan University Marquette, MI
Department of Psychology Sept. 2023 – May 2024

Undergraduate Teaching Assistant: PSY 202 Psychological Research II

- Present during lab sections, answered questions regarding the development of experimental design.

HONORS AND AWARDS

Dr. Jean Rutherford Scholarship 2023 – 2024
\$4,250 scholarship awarded through Northern Michigan University Psychology department.

Wildcat Achievement Scholarship 2021 – 2024
\$3,000 yearly provided by Northern Michigan University, awarded based on high school GPA and ACT score.

National Academic Award 2021 – 2024
\$5,600 yearly provided by Northern Michigan University, awarded based on high school GPA.

Kaye-Munson Scholarship 2021 – 2024
\$1,000 yearly provided by Northern Michigan University, awarded based on performance in the Presidential Scholars Competition.

Kimberly Area Soccer Association Scholarship 2021
\$500 awarded by the Kimberly Area Soccer Association for leadership and involvement in the organization.

Dean's List Dec. 2021 – May 2024

PROFESSIONAL AFFILIATIONS

Psi Chi: The International Honor Society in Psychology Nov. 2022 – Present
Member

Northern Michigan University Women's Club Soccer Aug. 2021 – May 2024
President 2023-2024

Northern Michigan University Student Psychological Association Aug. 2021 – May 2024
Member

REFERENCES

Mark Prendergast, PhD
Arts & Sciences Endowed Professor
University Research Professor
Director, Neuroscience B.S. Degree Program
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