

Andrew Hunter Walatka

Curriculum Vitae

awalatka@nd.edu

Education

University of Notre Dame Expected 2030
PhD., Cognition, Brain, and Behavior

University of Notre Dame Expected 2027
MS., Cognition, Brain, and Behavior

Purdue University 2025
B.S., Brain and Behavioral Sciences

Research Experience

University of Notre Dame Notre Dame, Indiana
Graduate Research Assistant Summer 2025 - Present
PI: Dr. Matthew Robison

- Conduct computational data analysis on cognitive data modeling attentional dynamics.
- Help conduct multiple grant-funded projects investigating cognitive ability and cognitive training

APA SUPER West Lafayette, IN
PI: Dr. Thomas Redick Summer 2024

- American Psychological Association Summer Undergraduate Psychology Experience in Research Fellowship
- Conducted an independent study, with the guidance of Dr. Thomas Redick, evaluating the use of binaural beats to enhance working memory
- Created and submitted documents for IRB, ran participants through different working memory tasks, and analyzed psychological data using R
- Presented findings with the rest of the 2024 APA SUPER Fellowship cohort

Purdue University West Lafayette, IN
Undergraduate Research Assistant: Purdue Applied Cognition Lab Fall 2023 – Present
PI: Dr. Thomas Redick

- Attended weekly lab meetings that were about lab research projects, articles in cognitive psychology, and professional development.
- Involved in conducting studies in individual differences in cognitive processes within healthy individuals
- Presented newly published cognitive psychology/neuroscience articles to other lab members

University of Notre Dame

Notre Dame, IN

Undergraduate Research Intern: Shaw Center

May 2023 – Aug 2023

- Contributed to the conduction of a large-scale effectiveness trial of the Happy Families
- Involved in site recruitment, retention, and community outreach
- Help maintain and clean data sets for multiple projects involved in clinical psychology
- Assessed mental health of participants using LSASI and other assessments

Purdue University

West Lafayette, IN

Undergraduate Research Assistant

Dec 2022 – Aug 2023

PI: Dr. Christopher Agnew

- Involved in conducting a study about social dynamics in VR using Oculus Quest headsets
- Weekly lab meetings discussing current studies and other findings in the field of social psychology
- Help brainstorm and develop future studies to be conducted in the lab

Honors & Awards

REAL Scholars (Previously called LSAMP program) (\$1,500)	2024
APA SUPER Fellowship (\$5,000)	2024
Purdue University Dean's List	2023 – 2024

Papers

Walatka & Robison, (In preparation), Hidden Markov Modeling of Attentional Dynamics with Behavioral Indicators

Walatka & Redick (In preparation), The Effect of Different Frequency Binaural Beats of Working Memory Performance

Poster Presentations

Walatka & Redick, The Effect of Different Frequency Binaural Beats of Working Memory Performance, Purdue Undergraduate Research Symposium 2025