

Updated: March 5, 2026

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Fort Collins, Colorado

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## Education

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### *Anticipated Doctor of Philosophy*

May 2027; Colorado State University; Cognitive Psychology

Advisor: Dr. Matthew G. Rhodes

### *Master of Science*

August 2025; Colorado State University; Cognitive Psychology

Advisor: Dr. Matthew G. Rhodes

Thesis: Multimedia Learning: How Does Viewing Just a Relevant Picture Impact Memory of a Lecture?

### *Bachelor of Science*

May 2021; Towson University, Psychology

Graduated with departmental honors

Dean's list: Spring '18, Fall '18, Spring '19, Spring '20, Fall '20, Spring '21

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## **Research**

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### ***Researcher***

Fall 2022 – Present; Colorado State University

Advisor: Dr. Matthew G. Rhodes

### **Study development**

Independently developing, designing, and running behavioral experiments through Qualtrics, PsychoPy and PsychoJS

Materials and measure development

### **Data analysis**

Run statistical tests in JASP or R and interpret results; properly visualize findings for posters, presentations, and manuscripts

### **Managing team of RAs**

Facilitate and plan weekly lab meetings; advise on independent projects; train RAs and lab manager on new experiments; delegate tasks to RAs as needed

### ***Undergraduate Honors Thesis***

Spring 2020 - Spring 2021; Towson University

Advisor: Dr. Blaire Weidler

Title: Effect of Accountability on False Memory

Applied to and was selected for a 3-semester Honors Thesis program; Designed, programmed (Qualtrics), and analyzed (SPSS) data from research investigating the effect of accountability on false memory as primary investigator with assistance from advisor; Flexibly adapted to online data collection due to COVID-19 (including programming complex study in Qualtrics); Presented an hour long defense to colleagues; Presented poster at Psychonomic Society conference; Re-ran in person with advisor post-graduation

### ***Undergraduate Research Assistant***

Fall 2020 to Fall 2021; Towson University

Dr. Erin Girio-Herrera

Development of an ADHD classroom intervention for college campuses; Literature searches; Literature reviews; Worked with graduate student to assist with thesis work; Manuscript editing and revising; Review of submitted journal manuscripts

## **Presentations (posters & talks)**

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\*denotes undergraduate mentee-led presentation

\*\* denotes undergraduate mentee thesis for honors college

++ denotes undergraduate mentee independent project (outside of honors college)

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**Data Blitz Talk McCoy, H.**, Rhodes, M. G., November 2025. Effect of Pictures Only Lectures on Learning: Deficits in Factual Learning when Text is not Present. Talk presented at the annual meeting of the Psychonomic Society in Denver, CO.

**\*Poster Presentation \*\*Stevens, I., McCoy, H.**, Rhodes, M. G. April 2025. Screen Inferiority Effect. Poster presented at the Rocky Mountain Psychological Association conference in Denver CO.

**Poster Presentation McCoy, H.**, Castel, A., Rhodes, M. G., November 2024. Effect of Font Size on Decisions in Cognitive Offloading when Saving Words from a List. Poster presented at the annual meeting of the Psychonomic Society in New York City.

**\*Oral Presentation ++Norris Oliver, J., McCoy, H.** (2024). Verbal overshadowing effect: Beyond crime scenes and lineups (College Honors Award). Colorado State University Celebrate Undergraduate Research and Creativity showcase, Fort Collins, CO.

**\*Oral Presentation \*\*Stevens, I., McCoy, H.** (2024). Screen Inferiority Effect. Colorado State University Celebrate Undergraduate Research and Creativity showcase, Fort Collins, CO.

**Poster Presentation McCoy, H.**, Kelly, D., Norris Oliver, J., Rhodes, M. G. April 2024. What is a picture worth? Comparing learning from a lecture with pictures alone to text presentations. Poster presented at the annual Rocky Mountain Psychological Association meeting in Denver.

**Poster Presentation McCoy, H.**, Rhodes, M. G., November 2023. What is a picture worth? Comparing learning from a lecture with pictures alone to text presentations. Poster presented at the annual meeting of the Psychonomic Society in San Francisco.

**Poster Presentation McCoy, H.**, Rhodes, M. G., November 2023. What is a picture worth? Comparing learning from a lecture with pictures alone to text presentations. Poster presented at the Graduate Student Showcase at Colorado State University.

**Poster Presentation McCoy, H.**, Rhodes, M. G., June 2023. PowerPoint modulations and learning. Poster presented at Translational Talks at Colorado State University.

**Poster Presentation McCoy, H.**, Weidler, B. J., November 2021. Effect of accountability on false memory. Poster presented at the annual meeting of the Psychonomic Society, online.

## Grants & Funding

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### ***NSF funded Graduate Research Assistant Appointment***

Colorado State University; Spring 2026; PI: Yanlin Guo

Title: Collaborative Research: Improving Conceptual Understanding of Invisible Physics by Translating the Science of Learning into Virtual Reality Environments

### ***CSU Psychology Department Success Grant***

Fall 2025; \$4,998

Fall 2024; \$3,405

Spring 2023; \$2,000

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## **CSU Cognitive Psychology Department Grant**

Spring 2023; \$400

### **Teaching**

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#### ***Instructor of Record***

##### **Cognitive Psychology Laboratory (PSY 453); CSU**

Created lectures, experimental demos, & data modules. Created 5+ new experimental demonstrations for cog lab instructors to use in future. Lectured students on cognitive psychology topics. Introduced students to cognitive psychological experimental methods through Qualtrics, PsychoPy, and Powerpoint demo experiments. Instructed students on how to use excel, JASP/JAMOVI to create graphs and analyze their results. Students culminate their knowledge through an independent, final project where they create their own experiment and present their results to the class.

*Spring 2025*

2 sections; Course coordinator: Dr. Matthew Rhodes

*Fall 2024*

2 sections; Course coordinator: Dr. Anne Cleary

#### ***Graduate Teaching Assistant at CSU***

##### **Lab Instructor: Methods of Research in Psychology I (PSY 652)**

Dr. Kim Henry; Fall 2025

Managed the laboratory section of the graduate stats lab; graded assignments; created rubrics; managed Canvas shell; met with students to troubleshoot R issues; proctored and graded exams, created learning resources for students

##### **Sensation and Perception Lab (PSY 452)**

Dr. Jessi Witt; Summer 2024

Graded all assignments, created schedule for class, met with students to troubleshoot issues with R, advised students on how to complete assignments, maintained Canvas shell.

##### **Research Design and Analysis II (PSY 350)**

Dr. Alyssa Gibbons; Spring 2024

Created an intro/method section for students to write a research paper, graded assignments, held office hours and meet with students, troubleshoot R issues with students, maintained record of accommodations, provided assignment extensions, collaborated with co-teaching assistants, met regularly with co-teaching assistants and instructor to discuss progress and duties

##### **Research Design and Analysis II (PSY 350)**

Dr. Kim Henry; Fall 2023

Graded assignments, collaborated with other graduate teaching assistants, troubleshoot R problems with students, utilized GradeScope, edited Canvas assignments.

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**Sensation and Perception Lab (PSY 452)**

Dr. Jessi Witt; Summer 2023

Graded all assignments, created schedule for class, met with students to troubleshoot issues with R, advised students on how to complete assignments, maintained Canvas shell.

**Mind, Brain, and Behavior (PSY 252; 2 sections)**

Dr. Ed DeLosh, Dr. Deana Davalos, Dr. Jessi Witt; Spring 2023

Graded all assignments, delegated tasks to Undergraduate TAs, advised & consulted with students, graded short answer exams, utilized GradeScope to grade scantrons, managed/edited Canvas assignments.

**Mind, Brain, and Behavior (PSY 252; 2 sections)**

Dr. Marti Amberg, Dr. Ed DeLosh, Dr. Jessi Witt; Fall 2022

Graded all assignments, delegated tasks to Undergraduate TAs, graded short answer exams, assisted with exam prep/creation.

***Guest Lectures***

**Metacognition: Knowing about Knowing**

Guest lecture at Fort Collins High School

AP Psychology; Instructor: Elaine Holmes

Spring 2026: Two classes

**PSY 100: Introductory Psychology; CSU**

Instructor: Jordan Strack, M.S.

Fall 2025; Two sections: 2:00 PM and 4:00 PM

Topic: Motivation

**PSY 335: Forensic Psychology**

Instructor: Dr. Jennifer Harman

Spring 2026

Topic: Eyewitness memory

***Undergraduate Teaching Assistant***

**Cognitive psychology; Towson University**

Dr. Blaire Weidler

Spring 2021

Assisted with grading, created quizzes and tests, helped adapt to online learning environment through use of zoom and blackboard technology, collaborated with another student proctor to delegate responsibilities.

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## **Behavioral statistics; Towson University**

Dr. Blaire Weidler

Summer 2019

Assisted with grading and correcting assignments, provided feedback on student progress.

## ***Relevant Teaching Training***

Evidence Based Approaches to College Teaching-Seminar; Colorado State University

Fall 2025 – 16 week course

Instructor: Dr. Matthew G. Rhodes

## **Mentoring**

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### ***MUGSS (Mentoring Undergraduates to Graduate School Success); CSU***

#### **Graduate student mentor**

Successfully assisted 1 student in getting into her Master's program; have mentored various other students throughout their application process

#### **Co-director**

Have matched over 100 students with graduate student mentors, with many of them getting into graduate school, obtaining internships, and feeling more confident about the graduate school process. Implemented an executive board for smoother facilitation of the organization. Recruited several new mentors outside of psychology to better serve our undergraduates. Hosted and planned a variety of events for undergraduate students including resume/cv workshops, graduate student panels, informative presentations, and more.

### ***Undergraduate Research Assistants***

#### **Independent Undergraduate Research**

*Natalie Hagood; Honors thesis*

Fall 2024 - Spring 2025

Programmed experiment for her in psychopy following her idea creation and mentored her through participant data collection as well as data analysis

*Isabelle Stevens; Honors thesis*

Spring 2024 - Spring 2025

Mentored her research through from a proposal at CSU's CURC showcase to programming an experiment to collecting data and analyzing it to finally defending her undergraduate honors thesis and neuroscience defense in April of 2025. She was granted an award at CURC for her proposal.

*Jana Norris-Oliver; Independent project*

Spring 2024 - Fall 2024

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Mentored her from proposal stage at CURC to writing a literature review for her undergraduate thesis.

### **Undergraduate Research Assistant Training**

Mentored students through a variety of tasks including data cleaning in excel, data analysis in R, data analysis in JASP, experimental building in PsychoPy and Qualtrics, literature searches/reviews, data file organization/management, navigating graduate admissions, etc.

### **Skills & Certifications**

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#### ***Statistical Analysis Software***

R, JASP, SPSS, MPlus

#### ***Experimental Programming & Coding***

Psychopy / PsychoJS, Qualtrics, EPrime

### **Service**

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#### ***University Service***

#### **Cognitive Psychology Graduate Admissions Graduate Student Representative**

Spring 2025

Assisted with preliminary scoring of CSU cognitive psychology graduate student applicants. Worked with Dr. Matthew Rhodes and Dr. Vanessa Loaiza. Assisted with interview planning and coordinating. Organized dinners for interviewing students. Helped to finalize scores in order to make official offers to students.

#### **Mentoring Undergraduates to Graduate School Success ([MUGSS](#))**

*Co-director*

Fall 2024 – Spring 2026

Interview potential mentees, train new mentors, facilitate undergraduate informative events, facilitate mentor-only events, match mentees with mentors, collect survey data on outcomes (mentor + mentee), work with other co-director (Katie McMahan) to keep organization running smoothly. Created and implemented an executive board to diffuse responsibility and foster organizational growth. Expanded mentor network to include graduate students outside of psychology, but still in the realm of psychological science / counseling (e.g., human development and family sciences).

*Mentor*

Fall 2023 – Present

Provide guidance to undergraduate students applying to graduate school. Assist with application materials, the process of applying, deciding where to apply, reaching out to relevant individuals, and preparing for the GRE.

#### **CSU Psychology Department Graduate Program Representative**

Fall 2023 – Spring 2026

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Faculty advisor: Dr. Marti Amberg (F24 - present); Dr. Sara-Anne Tompkins (F23 - SP24)

Provide insight into issues, accomplishments, and other goings on in the cognitive psychology program to our psychology programs coordinator. Collaborate with other representatives to come up with solutions to issues in the department. Contribute to planning and hosting of workshops within the department (e.g., a non-academic networking event, semester grad student symposia and workshops).

### ***Conference/Showcase Service***

#### **Judge**

*Spring 2025*

Multicultural Undergraduate Research Art and Leadership Symposium (MURALS) at CSU

*Spring 2023*

Celebrate Undergraduate Research and Creativity (CURC) showcase at CSU

#### **Manuscript Reviews**

*Psychonomic Bulletin and Review*

Spring 2024

Co-reviewer with Matthew G. Rhodes

### ***Community Service***

#### **NAMI Larimer County**

Social media volunteer (2022 – 2024)

Created Instagram and Facebook posts on mental health education and event/support group promotion.

#### **Foothills Symphonic Band**

Member (2023 – 2024)

Social media volunteer (2024 – 2024): Created Instagram posts on event promotion

#### **Tau Delta Omega Community Service Society**

Member (2020 – 2022)

AFSP walk & fundraising; NAMI Baltimore fundraisers; Volunteering (e.g., supply bags for unhoused individuals)

Recruitment chair (2021)

Facilitated recruitment efforts through: advertisement, event planning, event creation, surveys

Social Media Chair (2021 - 2022)

Created Instagram and Facebook posts on: mental health education, social issues, event promotion

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## **Additional Experience**

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### **Direct Support Professional**

The Karina Association Inc.; April 2021 – July 2022

Provided community support services and employment services to adults with developmental disabilities. Developed curriculum for daily activities. Assisted with grant writing. Assisted with schedule development and onboarding new hires.

### **Study Abroad**

Buenos Aires, Argentina; January 2021, 3 weeks; Learned about psychological perspectives in other countries/cultures.

### **Food server**

The Firebox Street Grill; August 2018 – September 2019; Took orders, prepped food, delivered orders, handled money.