

# Keane A. Hauck

DOCTORAL STUDENT · QUANTITATIVE METHODS

Arizona State University

✉ khauck12@asu.edu | 🌐 [www.keanehauck.com](http://www.keanehauck.com) | 📱 keanehauck | 📱 keane-hauck

## Education

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### Ph.D. in Psychology | Quantitative Research Methods

ARIZONA STATE UNIVERSITY

Advisor: Dr. Kevin Grimm

Expected 2030

Tempe, AZ

### M.A. in Psychology | Quantitative Research Methods

ARIZONA STATE UNIVERSITY

Advisor: Dr. Kevin Grimm

Expected 2027

Tempe, AZ

### B.S. with Highest Honors in Psychology

UNIVERSITY OF OKLAHOMA

Summa Cum Laude. Minors in Applied Statistics, Computer Science, and Music

2024

Norman, OK

## Publications

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Cavazos, J. T., **Hauck, K. A.**, Baskin, H. M., Bain, C. M. (2024). ChatGPT Goes To College: Understanding Students' Usage and Perceptions of Artificial Intelligence in the Classroom. *Teaching of Psychology*, 0(0). <https://doi.org/10.1177/00986283241268829> 2024

Cavazos, J. T. & **Hauck, K. A.** (2025). Student ethics and ChatGPT: What college instructors need to know. *American Psychological Association*. <https://www.apa.org/ed/precollege/psychology-teacher-network/introductory-psychology/chatgpt-ethics> 2025

## Manuscripts In Progress

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Grimley, L. E. & **Hauck, K. A.** *Formal correctness of an algorithm for triangular peg solitaire in multiple colors* accepted for publication

Grimm, K., Houpt, R., Cleaver, M., Johnson, S., **Hauck, K. A.** *Blending Substantive & Methodological Expertise into Statistical Models: Longitudinal Model Development* submitted for publication

Baskin, H. M., **Hauck, K. A.** *Using IRT as an Alternative Scoring Method for the Vividness of Visual Imagery Questionnaire* in prep

## Conference Papers

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**Hauck, K.**, Cavazos, J., Baskin, H., Bain, C. (2024). *ChatGPT Goes To College: Exploring Student Perspectives on Artificial Intelligence in the Classroom*. 42nd Annual Research Conference of the Oklahoma Psychological Society, University of Central Oklahoma, Edmond, OK. April 2024

BEST UNDERGRADUATE PAPER

**Hauck, K.**, Cavazos, J., Baskin, H., Bain, C. (2024). *ChatGPT Goes To College: Exploring Student Perspectives on Artificial Intelligence in the Classroom*. 36th Annual Undergraduate Research Day, University of Oklahoma, Norman, OK. April 2024

FIRST-PLACE AWARD IN PSYCHOLOGY AND PERSONALITY

## Conference Posters

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**Hauck, K.**, Bain, C. M., Baskin, H. M., Swan, F., Cavazos, J. (2024). *The Quantitative Edge: How Quantitative Psychology Programs Shape Statistical Expertise in Graduate Programs*. Poster presentation at the Annual Conference for the Midwestern Psychological Association, Chicago, IL.

April 2025

Bain, C. M., Baskin, H. M., **Hauck, K.**, Swan, F., Cavazos, J. (2024). *Statistical Savvy: Exploring the Impact of Quantitative Psychology Programs on Dissertation Methodology in Psychology*. Poster presentation at the Annual Conference on Teaching, Louisville, KY.

October 2024

**Hauck, K.** (2024). *AI Use in Academic Work: Student Attitudes and Behaviors*. Poster presentation at the Annual Conference for the Southwestern Psychological Association, San Antonio, TX.

March 2024

## Research Appointments

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**Graduate Researcher advised by Dr. Kevin Grimm**

ARIZONA STATE UNIVERSITY

August 2025 - Present

Tempe, AZ

**Honors Research Assistant to Dr. Jenel Cavazos in Social Psychology**

UNIVERSITY OF OKLAHOMA

August 2024 - August 2025

Norman, OK

**Research Software Development Lead, supervised by Dr. Eric Day, IO Psychology**

UNIVERSITY OF OKLAHOMA

August 2024 - August 2025

Norman, OK

**Undergraduate Research Assistant to Dr. Lauren Grimley in Mathematics**

UNIVERSITY OF OKLAHOMA

January 2024 - August 2025

Norman, OK

**Academic Success Center Research Team Member, led by Dr. Robert Terry, Quantitative Psychology**

UNIVERSITY OF OKLAHOMA

October 2023 - August 2025

Norman, OK

**Undergraduate Honors Researcher, supervised by Dr. Jenel Cavazos, Social Psychology**

UNIVERSITY OF OKLAHOMA

August 2023 - May 2024

Norman, OK

**Undergraduate Research Assistant to Dr. Edward Cokely in Cognitive Psychology**

UNIVERSITY OF OKLAHOMA

January 2023 - May 2023

Norman, OK

**Undergraduate Research Assistant to Dr. Scott Gronlund in Cognitive Psychology**

UNIVERSITY OF OKLAHOMA

August 2022 - December 2022

Norman, OK

## Teaching Appointments

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**Graduate Teaching Assistant**

ARIZONA STATE UNIVERSITY

PSY 330: Statistical Methods

Spring 2026

Tempe, AZ

**Graduate Teaching Assistant**

ARIZONA STATE UNIVERSITY

PSY 230: Introduction to Statistics

Fall 2025

Tempe, AZ

**Peer Educator at the Office of Advocacy and Education**

UNIVERSITY OF OKLAHOMA

Summer 2024 - Summer 2025

Norman, OK

**Undergraduate Teaching Assistant**

UNIVERSITY OF OKLAHOMA

PSY 3003: Advanced Undergrad Statistics

Fall 2024

Norman, OK

## **Undergraduate Quantitative Methodology Advisor**

UNIVERSITY OF OKLAHOMA

Consulted with Dr. Quan Phan in Higher Education Administration

Summer 2024

Wichita, KS

## **Undergraduate Teaching Assistant**

UNIVERSITY OF OKLAHOMA

PSY 1113: Elements of Psychology

Spring 2022

Norman, OK

## **Peer Teaching Assistant**

UNIVERSITY OF OKLAHOMA

UCOL 1002: First Year Foundations of Psychology

Fall 2021

Norman, OK

## **Peer Educator at the Gender + Equality Center**

UNIVERSITY OF OKLAHOMA

Fall 2021 - Summer 2024

Norman, OK

# **Grants, Fellowships, and Awards**

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## **RESEARCH GRANTS**

2023 **Undergraduate Honors Thesis Grant**, University of Oklahoma

## **CONFERENCE TRAVEL GRANTS**

2024 **Conference Travel Grant**, OU Honors College

2024 **Individual Travel Grant**, OU Honors College

## **AWARDS**

2025 **Research Excellence Award**, Arizona State University

2024 **Graduating Senior Spotlight**, OU Honors College

2024 **Best Undergraduate Paper**, Oklahoma Psychological Society

2024 **First-Place Presentation in Psychology and Personality**, Undergraduate Research Day at the University of Oklahoma

2022 **Peer Educator of the Year**, University of Oklahoma Gender + Equality Center

2023-2024 **President's Honor Roll**, Dodge Family College of Arts and Sciences

2021-2022 **Dean's Honor Roll**, Dodge Family College of Arts and Sciences

## **SCHOLARSHIPS AND FELLOWSHIPS**

2021 **Jack & Sara Freeman Scholarship**, Sigma Alpha Mu

2021 **Guller Young Scholar**, Sigma Alpha Mu

2020-2024 **National Merit Finalist Scholarship**, University of Oklahoma

# **Other Professional Experience**

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## **PEAK Staff Member**

THE UNIVERSITY OF OKLAHOMA

2024

Norman, OK

## **Network Design Field Engineer**

QUASAR, INC.

2023

Gadsden, AL

## **Chairman of Membership & External Affairs**

THE UNIVERSITY OF OKLAHOMA MEN'S GLEE CLUB

2023

Norman, OK

## **OU Peer Support Group Facilitator**

SOUTHWEST PREVENTION CENTER & THE ANNE AND HENRY ZARROW SCHOOL OF SOCIAL WORK

2022

Norman, OK

## **Vice Chair of Outreach & External Affairs**

CAMPUS ACTIVITIES COUNCIL - FALL FAMILY WEEKEND

2022

Norman, OK

## **Chairman of Diversity, Equity, and Inclusion**

SIGMA ALPHA MU

2022

Norman, OK

**Camp Guide**

UNIVERSITY OF OKLAHOMA - CAMP CRIMSON

2022

Norman, OK

**Executive Committee Member**

CAMPUS ACTIVITIES COUNCIL - COLLEGE BOWL

2021 - 2022

Norman, OK

**Artistic Director / Lead Performer**

OU SCANDALS

2021

Norman, OK

**Director of Internal Affairs**

OUR MENTAL HEALTH

2021

Norman, OK

**Founder & Social Media Chair**

SIGMA ALPHA MU

2020

Norman, OK

## Research Interests

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Longitudinal Data Analysis

Psychometrics

Differential Item Functioning

Machine Learning

Missing Data Analysis

Item Response Theory

## Skills

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**Statistics** R, SAS, Python, SPSS, JASP**IDE Experience** RStudio, VSCode, Eclipse, Visual Studio, BlueJ**Other Programming Languages** Java, C++, HTML, JavaScript, Git, Bash,  $\text{\LaTeX}$ **Microsoft Office** Excel, Word, PowerPoint**Tools** Qualtrics, Zotero, Overleaf, ResearchRabbit