

# Keane A. Hauck

DOCTORAL STUDENT · QUANTITATIVE METHODS

Arizona State University

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## Education

### 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

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

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

**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

<b>Hauck, K.,</b> Bain, C. M., Baskin, H. M., Swan, F., Cavazos, J. (2024). <i>The Quantitative Edge: How Quantitative Psychology Programs Shape Statistical Expertise in Graduate Programs</i> . Poster presentation at the Annual Conference for the Midwestern Psychological Association, Chicago, IL.	April 2025
Bain, C. M., Baskin, H. M., <b>Hauck, K.,</b> Swan, F., Cavazos, J. (2024). <i>Statistical Savvy: Exploring the Impact of Quantitative Psychology Programs on Dissertation Methodology in Psychology</i> . Poster presentation at the Annual Conference on Teaching, Louisville, KY.	October 2024
<b>Hauck, K.</b> (2024). <i>AI Use in Academic Work: Student Attitudes and Behaviors</i> . Poster presentation at the Annual Conference for the Southwestern Psychological Association, San Antonio, TX.	March 2024

## Research Appointments

<b>Graduate Researcher advised by Dr. Kevin Grimm</b> ARIZONA STATE UNIVERSITY	August 2025 - Present Tempe, AZ
<b>Honors Research Assistant to Dr. Jenel Cavazos in Social Psychology</b> UNIVERSITY OF OKLAHOMA	August 2024 - August 2025 Norman, OK
<b>Research Software Development Lead, supervised by Dr. Eric Day, IO Psychology</b> UNIVERSITY OF OKLAHOMA	August 2024 - August 2025 Norman, OK
<b>Undergraduate Research Assistant to Dr. Lauren Grimley in Mathematics</b> UNIVERSITY OF OKLAHOMA	January 2024 - August 2025 Norman, OK
<b>Academic Success Center Research Team Member, led by Dr. Robert Terry, Quantitative Psychology</b> UNIVERSITY OF OKLAHOMA	October 2023 - August 2025 Norman, OK
<b>Undergraduate Honors Researcher, supervised by Dr. Jenel Cavazos, Social Psychology</b> UNIVERSITY OF OKLAHOMA	August 2023 - May 2024 Norman, OK
<b>Undergraduate Research Assistant to Dr. Edward Cokely in Cognitive Psychology</b> UNIVERSITY OF OKLAHOMA	January 2023 - May 2023 Norman, OK
<b>Undergraduate Research Assistant to Dr. Scott Gronlund in Cognitive Psychology</b> UNIVERSITY OF OKLAHOMA	August 2022 - December 2022 Norman, OK

## Teaching Appointments

<b>Graduate Teaching Assistant</b> ARIZONA STATE UNIVERSITY PSY 330: Statistical Methods	Spring 2026 Tempe, AZ
<b>Graduate Teaching Assistant</b> ARIZONA STATE UNIVERSITY PSY 230: Introduction to Statistics	Fall 2025 Tempe, AZ
<b>Peer Educator at the Office of Advocacy and Education</b> UNIVERSITY OF OKLAHOMA	Summer 2024 - Summer 2025 Norman, OK
<b>Undergraduate Teaching Assistant</b> 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

## 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

## 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

<b>Camp Guide</b> UNIVERSITY OF OKLAHOMA - CAMP CRIMSON	2022 Norman, OK
<b>Executive Committee Member</b> CAMPUS ACTIVITIES COUNCIL - COLLEGE BOWL	2021 - 2022 Norman, OK
<b>Artistic Director / Lead Performer</b> OU SCANDALS	2021 Norman, OK
<b>Director of Internal Affairs</b> OUR MENTAL HEALTH	2021 Norman, OK
<b>Founder &amp; Social Media Chair</b> 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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<b>Statistics</b>	R, SAS, Python, SPSS, JASP
<b>IDE Experience</b>	RStudio, VSCode, Eclipse, Visual Studio, BlueJ
<b>Other Programming Languages</b>	Java, C++, HTML, JavaScript, Git, Bash, $\text{\LaTeX}$
<b>Microsoft Office</b>	Excel, Word, PowerPoint
<b>Tools</b>	Qualtrics, Zotero, Overleaf, ResearchRabbit