

# Mattias Brohl

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## EDUCATION

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**B.A.**, Psychology, University of Kansas, Lawrence, KS.

2022-2025

**Minor:** Philosophy

Cumulative GPA: 3.94/4.00

Major GPA: 4.00/4.00

**Thesis:** Insecure Attachment and Ideal Self Concept Malleability

**Advisor:** Omri Gillath, Ph.D.

## RESEARCH INTERESTS

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Identity, Self Concept, Ideal Self, Bias, Close Relationships, Culture, Biracialism, Biculturalism

## PRESENTATIONS

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**Brohl, M.**, Ohler, E., Brost, K., & Gillath, O. (2025, February). *Attachment Style's Influence on Cognitive Task Performance*. Poster presented at the 2025 SPSP Annual Convention, Denver, CO.

**Brohl, M.**, Ohler, E. Brost, K., Mai, N., & Gillath, O. (2024, April). *Attachment Style's Influence on Cognitive Task Performance*. Poster presented at the 11th Annual Symposium for Undergraduate Psychology Engagement and Research (SUPER) Poster Sessions, Lawrence, KS.

Feighny, M. K., Guillen, N., Isherwood, C., **Brohl, M.**, Cook, M., Brost, K., & Gillath, O. (2024, April). *Can Artificial Intelligence be seen as an Attachment Figure*. Poster presented at the 11th Annual Symposium for Undergraduate Psychology Engagement and Research (SUPER) Poster Sessions, Lawrence, KS.

## RESEARCH EXPERIENCE

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### Gillath Lab

University of Kansas

Director: Omri Gillath, Ph.D., Department of Psychology

### *Undergraduate Honors Thesis Student*

2024-Present

- Conceptualized a research idea exploring attachment styles connection to ideal self-concept malleability
- Designed and implemented a study using Qualtrics survey software
- Collected data through the online research platform Prolific and analyzed data using R
- Honors Thesis title: "Insecure Attachment and Ideal Self Concept Malleability"

### Center for Cyber-Social Dynamics

University of Kansas

Director: David Tamez, Ph.D., Department of Philosophy

### *Undergraduate Student Researcher*

2024-Present

- Conducted a comprehensive literature review on the topics of fairness in machine learning
- Contributed to future research by proposing research directions in the field of fairness in machine learning
- Designed a course aimed towards Philosophy and Computer Science professionals focused on fairness in machine learning

**Affective Communication and Computing Lab**

**University of Kansas**

Director: Jeffrey Girard, Ph.D., Department of Psychology

***Undergraduate Research Assistant***

2024-Present

- Conducted sentiment analysis of 337 journal entries from clinical patients with bipolar disorder in Qualtrics
- Participated in weekly lab meeting discussing relevant articles, identifying key points, and engaging in conversation from different perspectives

**Institute for the Public Understanding of Risk**

**National University of Singapore**

Director: Olivia Jensen, Ph.D.

***Undergraduate Research Assistant***

Summer 2024

- Conducted an in-depth literature review for a case study focusing on differing perceptions of immigrants between experts and the general population
- Contributed to a project aims at improving risk communication strategies by synthesizing relevant literature
- Liaised with team members in weekly meetings, provide updates, and coordinate current projects

**Gillath Lab**

**University of Kansas**

Director: Omri Gillath, Ph.D., Department of Psychology

***Undergraduate Research Assistant***

2024-Present

- Lead a team of 6 members investigating the impact of attachment on performance in cognitive tasks, collecting data for 286 participants
- Created schedule and ensured research assistants scheduled participants in SONA
- Optimized research recruitment process, increasing participant enrollment from 58 to 283 in consecutive semesters (392% growth)
- Researched Artificial Intelligence and its role as a social agent
- Coded and analyzed data for 236 participants in a shared Drive and Excel
- Participated in weekly lab meetings discussing experimental paradigms, data analysis, and research papers
- Conducted data visualizations for academic posters using the R programming language
- Designed and presented three academic posters for different lab-based studies

**Stereotyping and Social Judgment Lab**

**University of Kansas**

Director: Monica Biernat, Ph.D., Department of Psychology

***Undergraduate Research Assistant***

2023-2024

- Examined the impact of stereotyping and social judgment on international students at the University of Kansas
- Assisted participants through in-person experimental procedures
- Coded and analyzed data for 148 participants in Excel
- Participated in bi-weekly lab meetings discussing experimental paradigms and data analysis

## **HONORS AND AWARDS**

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<b>Dean's List</b>	2023-Present
<b>Freeman East Asian Internship Scholarship</b>	Summer 2024
<ul style="list-style-type: none"> <li>• \$6,000 Awarded</li> </ul>	
<b>Undergraduate Research Awards</b>	Spring 2025
<ul style="list-style-type: none"> <li>• \$1,000 Awarded to fund student research</li> </ul>	
<b>Travel Award Scholarship</b>	Spring 2025
<ul style="list-style-type: none"> <li>• \$500 Awarded to fund travel in order to present research</li> </ul>	

## **SKILLS**

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**Data analysis:** Microsoft Excel, R, Python, SQL

**Study design:** Qualtrics, Psychopy

**Other relevant computer programs:** Microsoft Access, Word, Powerpoint, Google Drive, Obsidian, HTML, CSS

**Certificates:** Data Science Certificate, Mind and Brain Certificate

**Languages:** Spanish (Native), English (Native)

## **REFERENCES**

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Omri Gillath, Ph.D.

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University of Kansas

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Jeffrey Girard, Ph.D.

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