Mattias Brohl

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EDUCATION

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

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

PRESENTATIONS

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

Gillath Lab   **University of Kansas**
Director: Omri Gillath, Ph.D., Department of Psychology
Undergraduate Honors Thesis Student   2024-Present

Center for Cyber-Social Dynamics   **University of Kansas**
Director: David Tamez, Ph.D., Department of Philosophy
Undergraduate Student Researcher   2024-Present
- Researched fairness in machine learning synthesizing a literature review across topics such as Computer Science, Philosophy and Law
- Developed a publicly accessible toolkit on 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 for 328 clinical patients with bipolar disorder in Qualtrics
- Piloted a study

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

- Researched Artificial Intelligence and its role as a social agent
- Investigated the impact of attachment on performance in cognitive tasks
- 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

Dean's List   2023-Present

Freeman East Asian Internship Scholarship   Summer 2024

- $6,000 Awarded

Undergraduate Research Awards   Spring 2025

- $1,000 Awarded to fund student research

SKILLS

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