

# Jeremy Lawrence

## Graduate Student

Department of Psychology & Neuroscience  
University of Colorado Boulder  
Boulder, CO 80309

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## Education

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### PhD, Clinical Psychology

University of Colorado Boulder  
Boulder, CO

Aug 2022 - Current

*Advisor:* Andrew Grotzinger, Ph.D.

### MA, Clinical Psychology

University of Colorado Boulder  
Boulder, CO

May 2024

### MS, Psychological Science

Northern Michigan University  
Marquette, MI

May 2022

### BS, Psychology

University of Minnesota Twin Cities  
Minnesota, MN

Dec 2019

## Positions

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### Graduate Research Assistant

Institute for Behavioral Genetics  
University of Colorado Boulder  
Boulder, CO

July 2022 - Current

### Graduate Teaching Assistant

Department of Psychology & Neuroscience  
University of Colorado Boulder  
Boulder, CO

Aug 2023 – Dec 2023

### Teaching Assistant

Department of Psychology  
Northern Michigan University

Jan 2022 – May 2022

J. M. Lawrence

Marquette, MI

## Clinical Experience

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### Raimy Psychology Clinic

Department of Psychology and Neuroscience  
University of Colorado Boulder  
Boulder, CO

Aug 2022 - Current

### Attention, Behavior, and Learning Clinic

Department of Psychology and Neuroscience  
University of Colorado Boulder  
Boulder, CO

Aug 2024 - Current

### Brain Behavior Clinic

Department of Psychology and Neuroscience  
University of Colorado Boulder  
Boulder, CO

Aug 2023 - Dec 2023

## Grant Support

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### Active

#### NIMH T32 Training Grant

Aug 2024 - Current

Role: Graduate Research Assistant

### Past

#### NIH R01MH120219

July 2022 - July 2024

Role: Graduate Research Assistant

## Awards and Honors

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2021 Excellence in Education Research Grant

## Conference Presentations

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June 2024: "Shared genetic liability across systems of psychiatric and physical illness", *poster*, presented as part of the Annual meeting of the Behavioral Genetics Association.

June 2023: "Genomic SEM applied to explore etiological divergences in bipolar subtypes", *oral presentation*, presented as part of the Annual meeting of the Behavioral Genetics Association.

May 2021: "Affective Responses to Nature versus Urban Pictures: Inherent or Associative", poster, presented as part of the Annual meeting of the Association for Psychological Science.

## Publications

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**Lawrence JM**, et al. Genomic SEM applied to explore etiological divergences in bipolar subtypes. *Psychological Medicine* (2024) <https://doi.org/10.1017/S0033291723002957>

Breunig S, **Lawrence JM**, et al. Examining differences in the genetic and functional architecture of attention-deficit/hyperactivity disorder diagnosed in childhood and adulthood. *Biological Psychiatry Global Open Science* (2024). <https://doi.org/10.1016/j.bpsgos.2024.100307>

Schaffer LS, Breunig S, **Lawrence JM**, et al. Characterizing genetic pathways unique to autism spectrum disorder at multiple levels of biological analysis. *Molecular Autism* (2024). <https://doi.org/10.1186/s13229-024-00624-2>

Sousa IA, Grotzinger AD, **Lawrence JM**, et al. Examining the genetic relationship between Alzheimer's disease, schizophrenia and their shared risk factors using genomic structural equation modeling. *Brain Communications* (2025). <https://doi.org/10.1093/braincomms/fcaf112>

Breunig S, **Lawrence JM**, et al. Examining the genetic links between clusters of immune-mediated diseases and psychiatric disorders. *Translational Psychiatry* (2025). <https://doi.org/10.1038/s41398-025-03470-9>

Footo IF, Flint JP, Fürtjes AE, **Lawrence JM**, et al. Uncovering the multivariate genetic architecture of frailty with genomic structural equation modeling. *Nature Genetics* (2025). <https://doi.org/10.1038/s41588-025-02269-0>

## Under Review

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**Lawrence JM**, et al. Shared genetic liability across systems of psychiatric and physical illness. *Under review at Nature Communications*.

## Teaching Experience

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### Graduate Courses

Northern Michigan University

- Spring 2022                      PSY 506 - Graduate Statistics  
Teaching Assistant for Dr. Lin Fang

### Undergraduate Courses

University of Colorado Boulder

- Fall 2023                         PSYC 2111 - Statistics  
Graduate Teaching Assistant for Dr. Andrew Cummings

## Professional Development

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Mar. 2023                      *The 2023 International Workshop on Statistical Genetic Methods for Human Complex Traits*

## Editorial Responsibilities

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### **Ad-Hoc Reviewer**

- *Naunyn-Schmiedeberg's Archives of Pharmacology*
- *Frontiers in Psychiatry*

## Methods & Skills

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- Trained in administering the SCID, WISC-V, WAIS-IV, Woodcock-Johnson Tests of Achievement, and Various Neuropsychological Evaluation Measures
- R (skilled), Python (skilled), Unix (skilled), C (adept), Rust (adept)
- Experienced at working in a Unix/Linux environment and working on remote computing clusters
- Skilled at using standard statistical genetic software (Plink, SAIGE, Genomic SEM, etc.)
- Expertise with statistical genetics methodology including genome-wide association studies, transcriptome-wide association studies, genetic correlations and Genomic SEM

## References

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Andrew Grotzinger, Ph.D. (*PhD Advisor*)  
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Institute for Behavioral Genetics  
Department of Psychology and Neuroscience  
University of Colorado, Boulder  
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Anahi Collado, Ph.D. (*Clinical Supervisor*)  
Assistant Research Professor  
Renee Crown Wellness Institute  
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