



# Yinghe Liu

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## Summary

Originating from central China, Liu pursued an undergraduate degree in psychology, focusing on cognitive and developmental perspectives. At Penn State, he contributed to research by collecting Electrodermal Activity data in parent-child interaction studies and creating a data-sharing handbook for a developmental psychology platform named DataBrary. He is now preparing to apply for a PhD program to further advance his skills and expertise in the field.

## Education

### Pennsylvania State University,University Park

Psychology

GPA: 3.81/4.00

Bachelor of Science

**August 2021 to May 2024**

**Curriculum Highlights:** Basic Methods in Psychological Study, Elementary Statistics, Cognitive Development, Cognitive Neuroscience, Physiological Psychology, Problems in Childhood/Adolescence

## Experience

### Brain and Behavioral Dynamics Lab

Undergraduate Research Assistance

State College, PA

**August 2023 to May 2024**

- Secure sharing of personal data and technologies.
- Create a guidebook for Databrary by using R language.
- *Supervisor: Rick Gilmore, PhD; Andrea Seisler, MS.*

🔗 <https://gilmore-lab.github.io>

### Parent-Child Dynamic Lab

Undergraduate Research Assistance

State College, PA

**May 2023 to May 2024**

- Understand how parents regulate themselves while disciplining their children.
- Assess physiological reaction during the Parent-Child Dynamic Test (PCCT) and the Trier Social Stress Test (TSST).
- Collect and ensure the quality of Electrodermal Activity Data (Skin Conductance).
- *Supervisor: Erika Lunkenheimer, PhD.*

🔗 <https://pcd.la.psu.edu/meet-the-team/>

### Pennsylvania State University

Undergraduate Teaching Assistance

State College, PA

**August 2023 to May 2024**

- *PSYCH413 Cognitive Development:* an advanced undergraduate course covering the following topics: Biological basis, Perception, Language, Executive functions, etc.
- Coordinate grading and develop quizzes, exams, and homework.
- *Supervisor: Rodrigo Cardenas, PhD.*

## Projects

### DataBrary Guide

A complete user guide to the Databrary system built in Quarto.

**August 2023 - May 2024**

**Databrary** is a useful data management and storage system dedicating to developmental science. Available at: <https://nyu.databrary.org>.

🔗 <https://github.com/databrary/guide>

## Skills

### MindWare Packages

Psychophysiology Assessment Tool

Stress Assessment, Heart Rate, Skin Conductance

### Quarto

Merged platform of R and Python

### Microsoft 365

Elementary Usage of Word, Excel, Teams

## Languages

### English

Proficient

### Chinese

Native

## References

### Rick O. Gilmore

Professor of Psychology, Pennsylvania State University

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*Previous lab supervisor*

🔗 <https://rick-gilmore.com>

### Erika Lunkenheimer

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*Previous lab supervisor*

🔗 <https://prevention.psu.edu/person/erika-lunkenheimer/>

### Rodrigo Cardenas

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*Former teaching supervisor*

🔗 <https://psych.la.psu.edu/people/rac35/>