

# YINGHE LIU

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Abermuir 136, Hts  
State College, PA 16803

Psychology junior with a passion for investigating executive functions and their role in cognitive development. Seeking opportunities to apply research and teaching experience in future roles. Currently working on writing an independent research proposal and GRE test.

## EDUCATION

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**BS** Pennsylvania State University, University Park May 2024  
Bachelor of Science, Psychology  
Minored in Human Development and Family Study (HDFS)  
Overall GPA: 3.81/4.00; Major GPA: 3.85/4.00

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

## RESEARCH EXPERIENCE

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**Undergraduate Research Assistance** August 2023 to May 2024  
**Brain and Behavioral Dynamics Lab**, State College, PA

- Collect behavioral data by using R language.
- Write guidance for Databrary, a data sharing platform.
- Available at: <https://databrary.github.io/guide/>
- Advisor: Rick Gilmore, PhD; Andrea Seisler, MS.

**Undergraduate Research Assistance** June 2023 to May 2024  
**Parent-Child Dynamic Lab**, State College, PA

- Understand how parents regulate themselves while disciplining their children.
- Measure physiological response during Trier Social Stress Test.
- Collect and ensure the quality of Electrodermal Activity Data.
- Advisor: Erika Lunkenheimer, PhD.

## TEACHING EXPERIENCE

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**Undergraduate Teaching Assistance** August 2023 to May 2024  
**Pennsylvania State University**, State College, PA

- PSYCH256: Cognitive Psychology, an undergraduate course averaging 120 students per semester, covering the following topics: Biological basis, Perception, Language, Executive functions, etc.
- Coordinate grading and develop quizzes, exams, and homework.

- Advisor: Rodrigo Cardenas, PhD.

### **Learning Assistance**

Nov 2019 to Jan 2020

**Zhengzhou Cornerstone High School**, Zhengzhou, China

- Work with junior high school students as a peer-advisor.
- Maintain classroom discipline and help answer homework questions.

### **OTHERS**

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#### **Computer Skills**

- Built a personal website using quarto with R Markdown.  
Available at: [https://yingheliu5579.github.io/Liu-s\\_Journey/](https://yingheliu5579.github.io/Liu-s_Journey/)
- Used to clean and visualize data in Electrodermal Activity data with R.
- Elementary usage of Python.

#### **Spoken Language**

- Chinese (First Language)
- English (Proficient)

### **CONTACT REFERENCES**

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Dr. Rick Gilmore  
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*Current lab supervisor*

Dr. Erika Lunkenheimer  
Professor of Psychology, Pennsylvania State University  
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