

Xinyuan Liu

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EDUCATION

B.S. in **Neurobiology, Physiology, and Behavior**, Minor in **Psychology** GPA: 3.952/4.0

University of California, Davis June 2021

M.S. in **Biostatistics** GPA: N/A

Columbia University Mailman School of Public Health Anticipated: May 2023

RELEVANT COURSEWORK

Applied Statistics for Biological Science Analysis of Variance Linear Algebra

Neurobiology of Addictive Drugs Neuroimmunology Neurobiology of Stress

Neurobiology Foundation Human Memory Brain Disorders

SKILLS

- Possessing knowledge about neurobiology, psychology, programming, and statistics.

EXPERIENCE

Journal Club Presentation for Neuroimmunology September 2020-January 2021

- Explained the trajectory of microglia and how it phagocytoses ablated neurons in vivo
- Presented the relationship between sympathetic-neuroendocrine adrenal reflex and spinal cord injury-induced immunodeficiency

Paper Presentation for Neurobiology of Stress January-April 2020

- Visualized the key contents in neuroplasticity papers through visual aids such as electrophysiology figures and charts and presented main findings in detail
- Explained cellular changes that trigger psychiatric behaviors and elaborated upon their downstream cascades
- Integrated ideas in neuroplasticity research papers and addressed comprehensive thoughts about what future study should focus on

VOLUNTEER WORK

- Supported psychology research by participating experiments such as the face comparison experiment and filling out questionnaires.

HONORS/AWARDS

- Dean's Honors List, UCD, Sep 2017-June 2019, and January 2020-March 2021.
- Department Citation in Neurobiology, Physiology, and Behavior, June 2021