

Yujia Wang (Mary)

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EDUCATION

Columbia University, Mailman School of Public Health, New York, NY Aug 2021- Present
Master of Public Health, Biostatistics
Certificate Infectious Disease Epidemiology

Purdue University, College of Health and Human Sciences, West Lafayette, IN Aug 2017- May 2021
Bachelor of Science in Public Health
GPA: 3.3 /4.0

RELEVANT EXPERIENCE

Undergraduate Research Assistant, Dr. Yang's lab, PIIN Nov 2018- May 2020

- Collaborated with other postdocs on research projects about gene expression of neurodegenerative diseases
- Acquired genotyping skills, basic rodent handling skills
- Evaluated research data using Mini analysis

Preparation Teaching Assistant for Microbiology course Aug 2019-Jan 2020

- Organized and prepared lab equipment for student use
- Facilitated open lab experiments

Summer internship, Beijing Physical Examination Center Jul 2019-Aug 2019

- Analyzed data and gathered related research study results about physical examination

VOLUNTEER LEADERSHIP

Student Intern/Student Volunteer, Ismail Center, Lyles-Porter Hall Jan 2020- Jan 2021

- Planned and developed the monthly Newsletter and digital signage
- Assisted elderly trainers with their fitness assessment test
- Supervised resistance training sessions of participants for a NCBA research study

Member/Vice President, Chinese Engineering Student Council Jan 2018-May 2020

- Took charge in the freshmen orientation in Beijing, summer of 2018
- Worked together with Ford Dining Court for a Lunar year celebration meal

Summer Teaching in China, with Gleentown Volunteer Organization Jul-Aug 2016 & 2017

- Collaborated with team members to create PowerPoints slides to educate local elementary school children
- Consulted with parents to find solutions about student issues
- Designed physics lab to illustrate ideas about momentum and gravity

STUDY ABROAD

Clinical Observer, Study Abroad Program in Shanghai, China Mar 2019

- Experienced some basic traditional Chinese medicine treatments such as acupuncture, tuina
- Learned about TCM diagnosis, the five elements, Yin and Yang, Qi, etc.

RESEARCH PUBLICATION

Zhang J, Chen X, Eaton M, Wu J, Ma Z, Lai S, Park A, Ahmad TS, Que Z, Lee JH, Xiao T, Li Y, Wang Y, Olivero-Acosta MI, Schaber JA, Jayant K, Yuan C, Huang Z, Yang Y. "Severe deficiency of the voltage-gated sodium channel Nav1.2 elevates neuronal excitability in adult mice," *Cell Reports*, Vol 36, issue 5, Aug 2021.

ADDITIONAL SKILLS

- **Microsoft Office:** Word, Excel, PowerPoint
- **Languages:** fluent English and Chinese (Mandarin)
- **Coding:** intermediate R programming, SAS