

Yuchu Hou

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EDUCATION

Personal Website: <https://www.mayhyc.com/>

Peking University Health Science Center

Beijing, China

Bachelor of Nursing (即将于2025年6月)

June. 2025

Relevant Courses: 有机化学, 生物化学, 生理学, 基础化学实验, 免疫学, 组织学与胚胎学实验 (96), 人体解剖学 (93), 文献阅读 (pass), 人际沟通与礼仪, 高等数学 (95), 大学英语 (91), 大学计算机 (94), 体育 (94)

Beijing No.4 High School

Beijing, China

Chemistry Competition Experimental Class

June. 2021

GPA: 93.2/100

Merit Student All Semester, Excellent Student Leader All Semester, Outstanding Volunteer 2021

Third prize of the 33rd China Chemistry Olympics by China Chemical Society

M-c (A) Certificate of the 8th Middle School Mathematics Proficiency Test

RESEARCH EXPERIENCE

George F. Gao's Research Group, Institute of Microbiology

Beijing, China

Chinese Academy of Sciences

Jan. 2022 – Present

Research Assistant (Intern)

COVID19 targeted drug and vaccine development, commissioned by Chinese Center for Disease Control and Prevention. 化学药物与分析平台负责人傅立峰 (高院士团队学术助理) 老师的实验室, 参与基于蛋白和细胞水平的抗病毒药物筛选、抗病毒的药物作用机制研究以及新型抗病毒药物的开发等, 跟学长一起药物合成、细胞培养。

Functional Polymer Laboratory, Technical Institute of Physics and Chemistry

Beijing, China

Chinese Academy of Sciences

June. 2021 – Present

Research Assistant (Intern)

Researches of functional polymer, including the design, synthesis and application of photosensitizer, initiator, monomer and polymer.

LEADERSHIP & COMMUNITY INVOLVEMENT

Peking University, 北京大学医学部的学生会 Student Union, drama club and hip-hop club (北京四中话剧社, 街舞社)

Sep. 2021 – Present

• Coordinated

• Organized

Beijing No. 4 Middle School, Monitor of Chemistry Competition class

Sept. 2018 – Jun. 2021

• Cooperate with teachers to organize students to make training plans, arrange courses and lecturers, plan and implement experiments, etc

• Organized team members to do experiments

• Participated in chemical competition courses and intensive training

• Lead teams to master the advanced knowledge of chemistry, understand the mysteries of chemistry, explore the application and development of chemistry, and win the competition awards

Sailing Magazine, Associate editor

Sep. 2015 – July. 2018

• Coordinated

Organized

• Poster drawing, encourage students to contribute, draft, review, proofread, edit, typesetting, printing, distribution, etc

Beijing cihongcharity Foundation, Volunteer

June. 2019 – May. 2020

<http://www.cihongcharity.org>

• Managed and lead a Volunteer teams from Beijing No. 4 High School for A variety of volunteer activities

• Aided impoverished high school students, Subsidize books and learning tools for children in poor mountainous areas in Yunnan, Henan, Shanxi and Qinghai.

• Conducted 10+ pages of research report on impoverished places student living and study condition

ADDITIONAL INFORMATION

Other Activities: Peking University Women's basketball team, Athletic Team, drama club and hip-hop club

Honors & Awards: High jump Women's 2nd Place, 4X100 women's relay 1st Place, Dance Association China Grade 13 Certification, First class award "Ye Shengtao Cup" National New Composition Competition for Middle School Students

Skills: English and Mandarin (Native), Proficient in MS Office, Python,

Interests: Piano, dance, writing, basketball, volleyball, sprinting, high jump, long jump, swimming skiing, gymnastics