# EDUCATION

**Yuchu Hou**

yuchuapply@163.com • 86-18510137072

Personal Website： https://testyc.netlify.app/

## Peking University Health Science Center Beijing, China

*Bachelor of Nursing* June. 2025

**Relevant Courses:**  Organic Chemistry, Biochemistry, Physiology, Basic Chemistry Experiments, Immunology, Histology and Embryology Experiments , Human Anatomy (93), Literature Reading (Pass), Interpersonal Communication and Etiquette, Advanced Mathematics (95), College English (91), University Computer (94), Physical Education (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 Societ***

1. ***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.

## The laboratory of Fu Lifeng, head of the chemical drug and analysis platform (academic assistant of the senior academician team)participates in the screening of antiviral drugs based on protein and cell level, the study of antiviral drug mechanisms, and the development of new antiviral drugs, etc., and works with the seniors to synthesize drugs and culture cells.

## 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,** Health Science Center *Student Union, drama club and hip-hop club* Sep. 2021 – Present

**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

● 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