

Albert W. Zhou

EDUCATION

Princeton University, Princeton, NJ expected May 2024
A.B. in Molecular Biology; Certificate in Music Performance (viola)
Awards: Shapiro Prize for Academic Excellence

Royal College of Music, London, United Kingdom September 2022 – December 2022
Study abroad program for music performance

RESEARCH EXPERIENCE

Senior Thesis: **(Not yet titled)**, advised by Elizabeth R. Gavis June 2023 – present

- Engaged in scientific inquiry to investigate the Zn72D gene in *Drosophila* germline development
- Learned core molecular biology techniques
- Adapted to unexpected results
- Presented updates at lab meetings

Poster: **The RNA-binding protein ZN72D in germline development**, MolBio Summer Research Program August 2023

Laboratory Assistant, Center for Craniofacial Molecular Biology, Univ. of So. Calif. June 2021 – August 2021

SERVICE

Viola Section Coach, Trenton Arts at Princeton, Princeton, NJ September 2023 – present

- Led sectionals and provide guidance for Trenton high school students passionate about music

Violin Teacher, Trenton Arts at Princeton, Princeton, NJ September 2021 – present

- Taught free private lessons for Trenton high school students

LEADERSHIP

Principal Violist, Princeton University Orchestra September 2023 – present

- Coordinated with conductor, other principal players, and section members

President, Opus Chamber Music, Princeton University May 2023 – present

- Oversaw and delegated officer board responsibilities
- Coordinated and planned concerts, auditions, and day-to-day operations for a smooth member experience
- Served as liaison to university, music department, and other external parties
- Implemented member feedback mechanisms

Publicity Chair, Opus Chamber Music, Princeton University May 2022 – May 2023

EMPLOYMENT AND RELATED EXPERIENCE

Public Services Captain & Assistant, Mendel Music Library, Princeton University February 2021 – present

- Managed circulation desk and answered reference questions
- Assisted with stacks maintenance, with a primary responsibility for shelving
- Uploaded, mapped, and published digitized music collections
- Trained new public services and digital collections student employees

Ophthalmic Technician, Retina Eye Specialists, South Pasadena, CA June 2022 – September 2022

- Communicated with patients about appointments and prescriptions
- Assisted physician by working up patients and performing optical coherence tomography

ACTIVITIES

Violist, Opus Chamber Music, Princeton, NJ

September 2021 – present

Violist, Princeton University Orchestra, Princeton, NJ

September 2020 – present

SKILLS

Laboratory: PCR, bacterial cloning, CRISPR editing, immunohistochemistry, *Drosophila* husbandry

Language: Spanish (5 years)