

Olivia Wu

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Education

University of California Los Angeles, Los Angeles, CA
B.S., Molecular, Cell and Developmental Biology

Expected Graduation: June 2027

Current Coursework: Cell and Molecular Biology, Biotechnology and Society, General Chemistry for Life Scientists I, Calculus of Several Variables

Lord Byng Secondary School, Vancouver, BC, Canada

September 2018—June 2023

- 4.0 GPA; Principal's list from Grade 8 to 12
- Received the Rakesh Goel Math/Science award (Top Math and Science Student) and the Service Award

Honors and Awards

College Board — AP International Diploma (July 2022)

- Received a score of 5 in Statistics, Biology, Chemistry, Physics 2, Calculus BC and AB, Environmental Science, Microeconomics, Macroeconomics, French Language and Culture, and Chinese Language and Culture
- Received a score of 4 in Computer Science, Psychology and Physics 1.

Canadian Biology Olympiad — Silver Medal (May 2022)

British Columbia Chemistry Olympiad — Bronze Medal (May 2022)

Research Experience

The Chen Lab, Beijing Normal University — Research Assistant (August 2023- September 2023)

- Analyzed nonlinear optical crystals with x-ray crystallography in search for a non-centrosymmetric structure
- Formed crystals using melt, solution, and deposition techniques

Work Experience

IvyLab Education — Tutor (November 2021 - June 2023)

- Tutored students 1 on 1 in Chemistry 11, Pre-Calculus 11, Chemistry 12, and AP Biology
- Prepared study plan and materials for concept explanation, review sessions, and study tips
- Received 5/5 end of year review from students

Burrard Dental Care — Dental Assistant (November 2021 - August 2023)

- Filmed and edited educational dental videos; received attention from the Daily Hive News
- Welcomed patients, answered calls, booked appointments, and handled monetary transactions
- Prepared patient trays, cleaned operating rooms, and sanitized dental tools

Volunteer Experience

UCLA Model United Nations Club — Member (September 2023–Present)

- Organized flow of debate as BruinMUN Dias Staff
- Chaired committee sessions in the World Health Organization of BruinMUN

Garden Bank Conservation Society — President (July 2022 - June 2023)

- Attended CBC news to talk about youth gardening and climate action
- Lead over 200 members in the board, executive, ambassadors, and international team
- Plan events at least one month ahead and make decisions for unexpected situations

Previous positions: Secretary (July 2021 - July 2022), Associate of Outreach (July 2020 - June 2021)

EzBio Club — President (June 2021- June 2023)

- Created educational videos explaining biological concepts, such as mRNA vaccine and PED
- Supervised and delegated tasks amongst the research, art, and editing department
- Initiated scientific activities such as bacterial cultivation

Academic Interests

Molecular Biology, Genetics

Computational Biology, Artificial Intelligence, Statistics