

Gina Lin

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Education

Case Western Reserve University School of Medicine, Cleveland, OH

August 2022 – May 2026 (expected)

Combined BS/MS Student

BS in Biochemistry

MS in Biomedical and Health Informatics

Minor in Chemistry and Chinese

Research Experience

Laboratory Assistant, Kao's Lab

January 2023 – Present

Department of Biochemistry, Case Western Reserve University

- Actively contributes to ongoing lab projects and utilizes biochemical techniques to support the lab's research objectives.
- Conducts assays and performs experimental protocols to analyze protein interactions and gene expression pathways.

Annual Biomedical Research Conference For Minoritized Scientists

November 12, 2024

Pittsburg, PA

- Delivered a presentation on the Loss of Sirtuin 1 increases breast cancer cell transformation and migration at ABRCMS, engaging with peers and experts to discuss methodology, results, and implications
- Attended keynote sessions and discussions to gain knowledge on cutting-edge research and advancements in biomedical sciences.

Laboratory Assistant, Weiss's Lab

June 2024 – August 2024

Department of Biomedical Sciences, Cornell University

- Participated in the Molecular Biology and Genetics Research Experience for Undergraduates (REU) program at Cornell University, where I led an independent research project under the mentorship of a PhD student, applying molecular biology techniques to investigate cellular signaling pathways.
- Presented findings at a poster symposium and oral presentation, gaining experience in scientific communication by clearly articulating complex concepts and addressing questions from peers, faculty, and researchers.

Member of Honors Biochemistry Research Track

August 2023 – Present

Department of Biochemistry, Case Western Reserve University

- Engages in an advanced curriculum designed for research-oriented students, gaining exposure to current and historic biochemical research studies.
- Participates in seminars, workshops, and journal clubs, broadening knowledge of innovative research methodologies and biochemical discoveries.

Other Experiences

MedWish

November 2022 – Present

Case Western Reserve University

- Organizes and sorts donated medical devices to facilitate their repurposing for underserved communities globally.
- Ensure quality control by inspecting equipment for usability, working closely with a team to streamline the sorting and packing process, optimizing donation workflows to aid in efficient distribution

Office Assistant

September 2024 – Present

School of Medicine, Graduate Educations Department, Case Western Reserve University

- Assists in the graduate admissions process by reviewing and organizing applications, ensuring accuracy and completeness of documentation.
- Enhances organizational and attention-to-detail skills by handling confidential information and following established protocols to maintain data integrity.

Peer Tutor

August 2023 – Present

Case Western Reserve University

- Provides individualized tutoring sessions to peers in biology, chemistry, Chinese, and physics, reinforcing fundamental concepts and supporting students in achieving academic success.
- Enhances communication skills by breaking down complex scientific ideas into clear, manageable explanations, and adapting teaching methods to fit diverse learning styles.

Biochemistry Society

August 2022 – Present

Case Western Reserve University

- Participates in events and discussions that showcase cutting-edge biochemistry research, expanding understanding of both fundamental and applied biochemical concepts.

Skills

Laboratory: Western Blot, DNA Gel Electrophoresis, PCR, Cell Culture, Transfection, Transformation, BCA assay, Oil Red-O, Behavior Assays (colony formation, migration, IC50, proliferation), qPCR, spheroid formation, Immunofluorescence, Luciferase Reporter Assay

Computer: Matlab, R Programming, SQL, Microsoft Office (Word, Excel, PowerPoint), ImageJ