

Iris Rosas-Ochoa

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Education

Clark University, Worcester, MA

Expected: 2027

Bachelor of Arts

Major: Biochemistry and Molecular Biology

Cumulative GPA: 3.61

Lunenburg High School, Lunenburg, MA

Received: May 2023

Relevant Experience

Microbiology Peer Learning Assistant

January 2025-present

Clark University

- Assisted the TA during lab my respective lab sections with conducting experiments
- Practiced and taught safety and sterile techniques
- Guided 13 students through running a semester long lab in discovering their own bacteria

Organic Chemistry I Teaching Assistant

August 2025-present

Clark University

- Held weekly office hours to support students with mechanisms, synthesis, and problem-solving.
- Guided 12 students in my lab section through reaction setup, execution, and analysis.
- Helped all my students connect lab procedures to core Organic Chemistry concepts.

Registered Behavioral Technician 2

January 2024-Present

Behavioral Concepts Institution (BCI) Worcester, MA

- Analyze and document our client's behavior
- Conducted one-on-one ABA therapy to over 50 children diagnosed with ASD across home, school, and center settings.
- Support BCBA's by implementing learning goals and behavior support plans and assisting with data collection.

Peer Mentor

August 2024-present

Clark University

- Connected first-year and transfer students with academic, health, and cultural campus resources.

- Conducted consistent check-in meetings to support student well-being and adjustment.
- Guided students through course navigation, campus involvement, and time management.
- Supported students during the transition to university by fostering community and inclusion.

Calculus 1 Peer Learning Partner

August 2024-May 2025

Clark University

- Provided essential support for individual education
- Conducted Learning Science experiments
- Collected and Analyzed data
- Developed Curriculum and assisted with lesson planning

Housekeeper

February 2023-July 2024

Heywood Hospital - Gardner, MA

- Disinfected two full floors a day
- Inspected doctors', nurses 'and patient rooms, as well as bathrooms and kitchens
- Arranged plans to carry out for the day; assisted in restocking every night
- Encouraged coworkers to make their best performance when performing job responsibilities

Sales Associate

August 2022-November 2022

rue21 - Leominster, MA

- Maintained and organized the sales floor throughout the entire shift
- Interacted with customers; attended to questions
- Cooperated at the register and sales floor whenever needed.

Summer Tutor

June 2022-August 2022

Leominster High School

- Coordinated study plans for middle school students in summer school
- Strengthened and enforced their knowledge, while implementing new ideas
- Listened for clarifying questions and concerns

Additional Leadership & Volunteering

Clinical Volunteer (Medical Brigade)

August 2025

Global Brigades, Guatemala

- Raised funds and assembled 300+ hygiene kits for underserved communities.
- Taught children (ages 4–13) dental hygiene in group workshops.
- Assisted doctors during medical consults and supported nutritionists in community education.
- Helped pharmacists distribute medications and aided the dentist during extractions.
- Gathered data on community living conditions to support ongoing public health efforts.

CPR Teaching Volunteer

November 2024-Present

Pre-Health Society & UMass Chan Medical School, Worcester Public Schools, MA

- Interacted and taught several high school students in many WPS on performing basic CPR
- Providing clear and accurate demonstrations of CPR techniques, including chest compressions, rescue breathing, and proper hand placement.
- Answering student inquiries regarding CPR procedures and addressing any concerns they may have to Medical Students

Sunday School Teacher

January 2025-December 2025

Misión Cristiana Elim, Framingham, MA

- Implemented new curriculums that engaged students into grasping the biblical stories
- Develop and implement age-appropriate lesson plans that align with the curriculum and the needs of the students.
- Provide a safe, inclusive, and supportive space where students feel comfortable learning and growing in their faith.

Community Volunteer

November 2019-May 2024

National Honors Society, Leominster/Fitchburg/Lunenburg, MA

- Volunteered at school and town events
- Managed stands and learning activities
- Learned to become a leader and instruct my peers

Skills

LAB: pipetting, UV-VIS Spectroscopy, Serial Dilutions, Chemical Reactions, Working with Bacteria, Volumetric Analysis, Measuring with Calipers, working with flames, Gel Electrophoresis, PPT, Separation and Purification processes, Organic chemistry reactions, Electrical Currents and Fields, DNA extraction, Fecal Coliform, Gram Staining, Protein Extraction

COMPUTER: Phones: iPhone and Androids, Laptops: MacBook Air/Pro, Chromebooks, PC
Software: Microsoft office, Word, Excel, PowerPoint, Adobe, Zotero

CERTIFICATIONS: NHS, CPR (10/2025), First Responder (11/2025) , Registered Behavioral Technician (12/2024)

LANGUAGES: Expert in English, Expert in Spanish, intermediate in French, Intermediate in Portuguese

Activities

Leader: LaFe Chapter at Clark Intervarsity Christian Fellowship

Secretary: AED (Alpha Epsilon Delta)

Secretary: Clark University Pre-Health Society

Member: Club Volleyball

Member: LASO (Latinx organization)

Member: Harvard Medical School BSCP

Attendee: Harvard World Pre-Health Conference

Publications

Peer Learning Partner (TA) Calculus I

15th IEEE Integrated STEM Education Conference in Princeton University, NJ, USA

- “IEEE Paper Improving STEM Teaching 2025”