

KELLY HERRERA VILLAVICENCIO

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EDUCATION:

RUTGERS THE STATE UNIVERSITY OF NEW JERSEY

Bachelor of Arts, Chemistry: Honors College

Newark, NJ

May 2026

- GPA: 3.96/4: DEAN'S LIST

PROFESSIONAL EXPERIENCE

TA for General Chemistry Lab, Rutgers University, Newark, NJ

September 2023-Present

- Educating 12 students in a 20 minute lecture once a week
- Giving instructional aid to students throughout the 3 hour lab
- Developing leadership skills directing 12 students

Dental Assistant, Union City, NJ

Summer 2022

- Assisted in root canal procedures: making patient root canal sealers 3+ times a day, handled suctioning, sterilized equipment
- Developed x-rays for procedures daily
- Handled documentation process for patients insurance
- Multiple patient interactions daily: obtained patient's medical history, translated for Spanish-speaking patients to ensure equitable care, prepared patient for endodontic procedure

RESEARCH EXPERIENCE

DNA Nanotechnology, Rutgers University, Newark, NJ

April 2023-Present

- Analyzed field research literature and observed experiments weekly
- Taught several laboratory procedures: agarose gel electrophoresis assembly, SDS PAGE
- Learned the conceptual and practical aspects of machinery such as NanoDrop, Atomic Force Machine (AFM), and Spectrometers
- Educated on conceptual formulas and chemistry pertaining to research experiments

EXTRACURRICULARS

President of LSAMP Research Club, Rutgers University, Newark, NJ

November

2023-Present

- Coordinated events for 50+ members
- Helps in the organization and distribution of club meetings every first Monday of the month

Secretary of the Peruvian Club, Rutgers University, Newark, NJ

November

2023-Present

- Provide comprehensive administrative support to club executives, managers, and staff members.
- Maintain and organize official club documents, records, as well as schedules and coordinates meetings
- Organize and initiates connections between other organizations

Save Latin America Volunteer, SLA, Union City, NJ

Summers of 2019-2023

- Participation in Family Health Festivals
- Helped facilitate events: COVID-19 Vaccination Education and Outreach Programs

PROGRAMS

Rutgers Mini-Medical School Certificate

May 2021

- Took multiple lectures on medical related topics and had virtual shadowing interactions with 5+ doctors

SKILL SET:

- Fluent in Spanish ; Adaptability ; Interpersonal Skills ; Critical Thinking ; Knowledge of laboratory safety and practices ; Experimental design and methodology ; Data collection and analysis