

CARLA SALIB

CONTACT

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EDUCATION

BACHELOR'S IN BIOLOGY CELL
AND MOLECULAR • PRESENT

Kean University
1000 Morris Ave, Union, NJ 07083

KEY SKILLS

Communication Skills

Leadership Skills

Multitasking Skills

Time Management Skills

Fluent in Arabic

Teamwork

Problem solving Skills

INTERESTS

Tennis

Art

Swimming

PROFILE

A pre-dental student at Kean University class of 2025. I'm very passionate about dental assisting and shadowing, tutoring, and researching Fungi.

EXPERIENCE

DENTAL SHADOWING • 11/2020 - 08/2021

Alpha Omega Dental Care - 219 Half Acre Rd, Monroe Township, NJ 08831

I observed the steps of different procedures and got a chance to learn about the steps and their purpose as well as see the results after these procedures which included implants, fillings, and root canals. I also got to observe how Dr. Andrawes managed the office and treated her patients making their visit comfortable.

DENTAL ASSISTING (INTERNSHIP) • 09/2021 - 12/2021

Alpha Omega Dental Care - 219 Half Acre Rd, Monroe Township, NJ 08831

While interning at the office I learned how to sterilize dental instruments and set up rooms. I also learned the names of many instruments and what procedures they are used for as well as how to count teeth using the Universal Counting System while helping the dental assistant at the office.

DENTAL ASSISTING • 12/2021 - 05/2023

Alpha Omega Dental Care - 219 Half Acre Rd, Monroe Township, NJ 08831

While assisting Dr. Andrawes some of my responsibilities included preparing patients and applying their topical anesthetic, sterilizing dental instruments, and assisting the doctor in many procedures through dental suctioning, and mixing putty impression material.

DENTAL SHADOWING • 05/2023 - 07/2023

West Park Dental - 817 W Park Ave, Ocean Township, NJ 07712

I observed many dental procedures such as implants, veneers, root canals, and Invisalign got many of my questions pertaining to the dental field answered by Dr. Abadir.

DENTAL ASSISTING • 01/2024 - CURRENT

West Park Dental - 817 W Park Ave, Ocean Township, NJ 07712

While assisting Dr. Abadir my responsibilities included sterilizing instruments, communicating with patients and preparing them for dental procedures, and assisting the doctor through handing him the appropriate instruments, suctioning, setting up the rooms, and organizing trays with instruments and materials that will be used for the upcoming procedures.

BUSINESS PRECALCULUS SI LEADER (INTERNSHIP) • 01/2022 - 08/2024

Kean University - 1000 Morris Ave, Union, NJ 07083

I was responsible for attending lectures, creating weekly planning sheets, holding SI sessions, attending biweekly meetings with the Business Precalculus Team Leader and monthly meetings with the SI Supervisor, and creating review sheets.

MATH SI LEADER IN THE BRIDGE TO SUCCESS SUMMER ACADEMY • 07/2022 - 08/2022

Kean University - 1000 Morris Ave, Union, NJ 07083

As a Math Supplemental Instruction, SI, Leader in the Bridge to Success Summer Academy, I helped upcoming freshmen struggling with math build their math knowledge. I was responsible for attending math lectures, creating planning sheets, holding SI sessions, and answering students' questions.

BUSINESS PRECALCULUS SI TEAM LEADER (INTERNSHIP) • 09/2022 - 12/2022

Kean University - 1000 Morris Ave, Union, NJ 07083

As the Business Precalculus Team Leader I was responsible for observing SI sessions, giving feedback on weekly planning sheets, holding biweekly team meetings, and reporting back to my supervisor during our meetings. I was also responsible for fulfilling the responsibilities of SI Leaders.

BIOLOGY SI TEAM LEADER (INTERNSHIP) • 08/2022 - CURRENT

Kean University - 1000 Morris Ave, Union, NJ 07083

As the Biology Team Leader I'm responsible for observing SI sessions, giving feedback on weekly planning sheets, holding biweekly team meetings, and reporting back to my supervisor during our meetings. I'm also responsible for fulfilling the responsibilities of SI Leaders.

UNDERGRADUATE RESEARCH ASSISTANT • 01/2023 - 03/2023

Kean University - 1000 Morris Ave, Union, NJ 07083

I was an undergraduate research assistant in the Saunders lab at Kean University which focuses on the comparative neurobiology of the chemical senses and uses the earthworm as a model system. I was responsible for building a custom moisture sensor using an Arduino microcontroller to continuously monitor our earthworm colony and ensure the animals stayed healthy which was essential to ensure well controlled experiments and accurate data as earthworms are very sensitive to changes in water osmolarity and require a consistent level of hydration.

MICROBIAL BIOBAN RESEARCH • 01/2023 - 12/2023

Kean University - 1000 Morris Ave, Union, NJ 07083

I built a fungi collection through collecting soil samples from my backyard. During this research project fungi were isolated from the soil using selective media and the different species of fungi were removed from the isolation plates and grown on separate Petri dishes to purify them, making sure to avoid contamination by other fungi or bacteria. After purifying the fungi, they were cryopreserved. Next steps for this project will be using PCR and gene sequencing to identify each fungus in the collection and the strains and knowledge of their identification will be used to predict potential biotechnological applications of the fungi.

MYCOBIOME RESEARCH • 01/2024 - 05/2024

Kean University - 1000 Morris Ave, Union, NJ 07083

Participated in a research project that aimed to describe the presence of saproxylic fungi communities which maintain balance in boreal ecosystems and tested the hypothesis that factors such as humidity and wood type affect the decay of wood. During this research MycoPins, wooden pins, were placed in soil in Finland in 2022-2023, collected biweekly, dried, and sent back to Kean University where we performed metabarcoding including DNA isolation, PCR of the ITS fragment of fungi, and analysis of PCR results by gel electrophoresis. I worked on publishing our Research dataset at GBIF on June 21, 2024, with some of my partners which can be found at <https://doi.org/10.15468/yfemwn> and presented this research during the Kean University Research Day 2024 along with one of my partners.

MICROBIAL BIOBAN RESEARCH • 09/2024 - CURRENT

Kean University - 1000 Morris Ave, Union, NJ 07083

I'm continuing my research under the supervision of Dr. Bills. The purpose of this Research is to use PCR and gene sequencing to identify each fungus in the collection. This knowledge will be used to predict potential biotechnological applications of the fungi.