

MICHELLE BELLO VERAMENDI

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EDUCATION

State University of New York at Plattsburgh

Bachelor of Science in Biology, minors in Bioinformatics and Chemistry

Plattsburgh, NY | 2017 – 2021

- Overall GPA 3.8/4.0
- Dean's List Award 2017-2021

SKILLS

- Python
- Java
- JavaScript
- React
- CSS / HTML
- MySQL
- SPSS

WORK EXPERIENCE

Research Technician

Niethammer Lab - Memorial Sloan Kettering Cancer Center

New York, NY | July 2021 - July 2023

- Performed and troubleshooted different biology techniques such as molecular assembly and manipulation of DNA and RNA, bacterial cloning and transformation, protein extraction and western blotting, immunostaining, PCR, quantitative PCR, CRISPR Cas9 gene editing, and transgenesis.
- Maintained general zebrafish stock, adult mating, embryo manipulation, and transfection.
- Established new transgenic and CRISPR knockout zebrafish lines.
- Kept data in a clean and organized manner in an online laboratory notebook and used different software for data analysis and interpretation.
- Prepared laboratory equipment, stock solutions, and stains for research project.

Laboratory Technical Assistant

Adirondack Health

Saranac Lake, NY | December 2020 – May 2021

- Prepared SARS-CoV-2 specimens for PCR testing using the Rheonix Covid-19 Assay.
- Performed maintenance of the Rheonix machines before and after PCR testing.
- Troubleshooted and assessed quality control of results.

Research Assistant

Biology Department at SUNY Plattsburgh

Plattsburgh, NY | August 2019 – August 2020

- Worked on two research projects and got valuable experience with DNA Extraction, PCR, Primer Design, Gel Electrophoresis, experimental design, laboratory protocols, and data analysis.
- Gained valuable experience in experimental design, laboratory protocols, and molecular techniques.
- Presented results in the Sigma Xi Conference.

Academic Tutor

Student Support Services, SUNY Plattsburgh

Plattsburgh, NY | August 2018 – December 2020

- Tutored over 800 hours and over 40 students in math courses such as Calculus, Pre-Calculus, Statistics, and Algebra.
- Mentored freshmen and sophomores on time management, note-taking, and organization.
- Hosted workshops to help young women boost their self-confidence and morale.