

Michael Delbuono

Skills

- Great Analytical Ability
- Self-Motivated
- Good Memory
- Organizationally Minded
- HTML, CSS, Bootstrap, and JavaScript
- Setting Lighting for Stages and Venues

Education

Bachelor of Science: Biochemistry and Cell Biology, Graduating June 2018

University of California, San Diego – 9500 Gilman Drive, La Jolla, CA 92093

Current Overall GPA: 3.61

Upper Division GPA: 3.65

Experience

Biochemical Techniques Lab Directed by Dr. Aaron Coleman Fall 2017, October – December

- Tested Ras-MAPK's responsibility in the growth of NIH 3T3 Cells, examining the FGF receptors and its downstream protein kinases using ELISA and Western Blot assays.
- Transformed *E. coli* to express an unknown fluorescent protein, purified and identified the protein with FRET and SDS-PAGE. Purified and identified LDH isozyme from pig tissue.

Microbiology Lab Directed by Dr. Lakshmi Chilukuri Spring 2017, April – June

- Characterized and identified an unknown bacterium as *Pseudomonas aeruginosa* using 24 different tests and mediums to characterize its properties.
- Used hemocytometry, growth curves, and dilution calculations to measure bacteria populations and their growth rates.

Organic Chemistry Lab Directed by Dr. Jeremy Klosterman Winter 2018, January – March

- Characterized and identified an unknown organic solvent using analytical techniques, chemical tests, IR spectroscopy, and by production of a chemical derivative.
- Gained mastery in melting and boiling point determination, and different separation and extraction techniques (i.e. solid-liquid / liquid-liquid / sublimation / distillation / recrystallization)

General Chemistry Lab Directed by Dr. Kaitlin Fisher Winter 2016, January – March

- Gained proficiency over many analytical, inorganic, physical, and synthetic techniques.

Work History

Dishwasher – John's Incredible Pizza Co.

Summer 2016, July – September

Barista – Starbucks

Summer 2017, July – September