

# Michael Delbuono

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## 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