

Daniel Espinola

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❖ Education

University of Massachusetts (Lowell, MA)

Bachelor's Degree program in Biotechnology (Anticipated 8/2015)

Relevant Courses: Recombinant Protein Production, X-Ray Protein Crystallography, Stem Cell Biology, Cancer Biology, Biochemistry, Microbiology, Calculus and Statistics.

❖ Skills Summary

- Electrophoresis (DNA and protein) and chromatography (affinity, gas, metal ion and gel exclusion)
- Micropipette's (2-20 uL, 20-200 uL, 100-1000 uL)
- Preparing and staining various types of slides and bacterial smears
- Titration, distillation, UV-Vis/IR/H-NMR spectroscopy and enzyme assay's
- Aseptic/sterile technique and prior use of fume hoods/proper disposal of waste products
- Measuring devices (triple beam balance and digital scales)
- Microsoft Word, Excel, PowerPoint and LIMS

❖ Work Experience

Boston Analytical (Salem, NH)

Laboratory Technician (January 2014-Present)

- Perform pH determinations and track long-term stability of dermatology products
- Process controlled substance samples according to DEA monitored metrics
- Author new editions to relevant procedures
- Hazardous Spill First Responder
- Test for aerosol qualities such as minimum fill, pressure and delivery rate
- Consolidate hazardous waste in compliance with OSHA/EPA/DOT regulations.
- Prepare samples according to client method and cGMP specifications
- Train new hires in above-mentioned duties

RuffaloCODY (Lowell, MA)

Fundraiser (November 2009-January 2014)

- Raised donations on behalf of numerous non-profit organizations
- Conducted widespread surveys of new and incoming students
- Consistently exceeded fundraising goals in terms of dollar amount, participation percentage, and other performance benchmarks

❖ Academic Projects

Senior Seminar (Fall 2013)

- Researched current publications regarding applications of induced pluripotent stem cells
- Presented a lecture that educated peers on the topic of stem cells.