

Elliott Smith

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Objective

To apply my research and laboratory experience in an internship in the biotechnology industry

Summary of Qualifications

- Research experience in both industry and academic settings
- Strong presentation skills acquired through large and small group facilitation
- Excellent self-starter with demonstrated ability to multi-task
- Reliable and organized professional capable of adapting to new challenges

Education

California Polytechnic State University (Cal Poly), San Luis Obispo

Bachelor of Science, June 2006

Major: **Biological Sciences**

GPA: **3.4**

Concentration: **Molecular and Cellular Biology** Junior Standing

- Fluent in Spanish
- Financing 80% of college expenses
- Dean's List – 3 quarters

Research Experience

Undergraduate Biotechnology Laboratory, Cal Poly, San Luis Obispo, CA

7/05 – Present

Laboratory Assistant

- Design PCR primers and optimize reaction protocols for special projects
- Oversee all undergraduate DNA sequencing in Biological Sciences department
- Perform quality assurance checks on reagents and materials

Minorities in Research Abroad (MIRA) Program

6/04 – 9/04

Instituto de Investigacion Nutricional, Lima, Peru

Funded by National Institute of Health

Understanding the limitations to and motivations for offering young children infant instant cereal in complementary feeding programs: Why don't mothers take full advantage of the provision of free infant instant cereal mixes?

- Presented findings at 8th Annual Biological Research Conference for Minorities

Laboratory Skills

- High Pressure Liquid Chromatography
- Thin Layer Chromatography
- Gas Chromatography
- Ion Chromatography
- Electrophoresis
- PCR
- Infrared Spectroscopy
- Aseptic Techniques
- Microbial Staining and Plating
- ELISA
- Spectrophotometer Analysis
- Southern Blotting

Relevant Coursework

- Emerging Infectious Diseases
- Industrial Microbiology and Biotechnology
- Molecular and Cellular Biology
- General and Cellular Physiology
- Biochemical Principles
- Classical and Molecular Genetics
- Protein Techniques Laboratory
- Applied Life Science Statistics
- Immunochemistry
- Chemical & Biological Warfare
- Metabolism
- Organic Chemistry Series

Computer Skills

- Maple
- MS Office (Word, Excel, PowerPoint)
- Minitab
- ChemDraw
- Adobe Photoshop
- Web Design

Other Selected Experience

Firestone Grill, San Luis Obispo, CA

8/04 – Present

Server

- Serve in excess of 100 customers per hour during peak times
- Place orders, prepared food, and provided customer service

Honors & Activities

- Golden Key Honor Society
- Tri Beta Biological Sciences Honor Society
- College of Science and Math Ambassador
- Cal Poly LINKS Program Mentor
- Cal Poly Ski Club