

# Kelli Jay

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## Summary

People-oriented, driven and dedicated Biochemist with exemplary academic credentials and extensive lab experience seeking a position with a progressive company. I take personal pride in working with and teaching others to solve complex problems and conquer challenging goals.

## Educational Experience

### University of Texas-Medical Branch – Galveston, TX

August 2012 – March 2014

Biomedical Science, department of Biochemistry and Molecular Biology – Leaving program to support family

- Program required research, academic study and Graduate Assistant duties
- Collaborated with doctoral leadership and peers to shape research work
- Laboratory work included protein expression, purification, and crystallization
- Research work required continuous dedicated personal attention
- Co-taught "Introduction to Biological Systems" course with excellent results
- Supported the Student Journal Club by preparing and presenting literature reviews
- *Presidential Scholarship Recipient*

### Texas State University – San Marcos, TX

August 2007 – May 2012

BS Biochemistry w/ Minor in Biology

*Magna Cum Laude*

- Program included academic coursework with extensive lab and research requirements
- Achieved proficiency in:
  - Functional & Organismal Biology
  - Genetics
  - Developmental Biology
  - Advanced Biochemistry
  - Physical Methods of Biochemistry
  - Organic chemistry
  - Microbiology
  - Neurobiology
  - Molecular Biology
  - Metabolism
- *Achieved Dean's List recognition three semesters*
- *Received Biology Department Award for Academic Excellence*

### Brazosport College – Lake Jackson, Tx

August 2006 – May 2007

Core curriculum and base level classes

### Van Vleck High School – Van Vleck, Tx

August 2006 – May 2007

*Valedictorian*

## **Work Experience**

### **Aperion Biologics, San Antonio, TX**

Medical device manufacturer: Z-Lig Anterior Cruciate Ligament Reconstruction Device

January 2010 – December 2010

#### *Operations and R&D Consultant*

- Performed Tissue and Graft harvesting, isolation, and shaping of a tissue based medical device in an ISO 13485 and FDA regulated environment
- Responsible for the quality and preparation of solutions and chemical processing of the Z-Lig product
- Regularly worked in a clean environment using bioburden and contaminant reduction techniques including aseptic gowning and processes.
- Completed preventative maintenance, cleaning, and restocking of facilities and clean environments per GMP standards.
- Responsible for Quality Inspections of raw material, finished product and documentation.

### **Kirk Gregory Engineering, New Braunfels, TX**

October 2008 – January 2009

#### *Administrative Assistant*

- Dealt directly with the public to determine project work and coordinated with staff to ensure customer satisfaction
- Maintained organized and efficient office
- Performed scheduling, budgeting, and payroll duties

### **Retail Industry, Lake Jackson, TX / New Braunfels, TX**

June 2006 – March 2008

#### *Sales Representative*

- Upheld a friendly work environment while ensuring sales goals were met
- Acquired multitasking and time management skills

## **Interests and Skills**

Through my education and work experience I have gained a unique set of skills and interests:

- Nucleic Acid Chemistry
- Molecular Biology
- Applied Chemistry
- Microbiology
- Gene Cloning
- Medical Device Manufacturing
- Laboratory work and management
- Research and development
- Teaching