

# Christian Keith Paul

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## EDUCATION

Jarvis Christian College  
B.S. in Chemistry, Minor: Math  
Magna Cum Laude Graduate

Hawkins, TX  
May 2009

Texas A&M University-Commerce  
M.S. in Chemistry

Commerce, TX  
December 2016

## RESEARCH AND LAB EXPERIENCE

### *Mircobiological Laboratory Technician II, Food Safety Net Services October 6 2010-present*

- Pathogen Lab Technician II (June 2011 – Present) *chosen to become a part of the Pathogen lab team within the company based on great attitude toward the job and the ability to learn tasks quickly* - Perform duties of sample preparation at high accuracy and proficiency to consume best quality test results.
  - a) Officially trained in opening and closing duties – able to perform leadership role as a senior level opening and closing technician; Understand the importance of Customer service.
- Competency in Elisa, Vidas, GDS, and PCR screens, such as Salmonella, Listeria species/Listeria Monocytogenes, and Escherichia Coli.
- Perform confirmation procedures of presumptive samples:
  - a) Listeria species/monocytogenes confirmation
  - b) Salmonella USDA/FDA confirmation
  - c) E.Coli/Coliform MPN confirmation
  - d) Staphylococcus aureus confirmation
- Listeria and Salmonella transfers
- Plate and Petrifilm counts – including Aerobic and Standard Plate counts, Yeast and Mold, Lactic Acid, Clostridium, Staphylococcus aureus, and other major bacteria tested in food products.
- Main Lab Technician II (April 2011 – June 2011) *promoted based on leadership qualities and dependability to arrive to work on time and perform duties at high standards and enthusiastic abilities* - Active duties of leadership role to make sure all samples were prepared and Tech I individuals complete nightly job functions before their prospective time limitations.
  - a) Gave persistent time intervals for completion of samples.
  - b) Demonstrate high speed and knowledge of cleaning procedures and other nightly job functions.
  - c) Kept track of hours that each Tech I individual work each day/night.
  - d) Perform strategies for each Tech I to clock in depending on the work load for certain days.
- Leadership team member of the Safety committee since January 2011 (Safety Deputy):
  - a) Demonstrates the ability to work in a team to present ideas of safety.

- b) Supervise various safety procedures throughout the lab such as labels on bottles, doors, and other panels.
- c) Work with team to perform safety drills and gather routines and base knowledge of where the safety exits are.
- d) Keep track and sign in sheets for everyone within the building after safety drill is complete.
- e) Monitor and track every item in the laboratory potential for MSDS documentation.
- Main Lab Technician I (Oct 2010 – April 2011) – Collaborated with leading technicians to understand the duties and task given:
  - a) Understood basic knowledge of various duties as far as technical, quality assurance, and safety throughout the lab.
  - b) Performed sample preparation by mixing various media with samples based on the type of tested requested.
  - c) Able to learn the importance of time sensitive samples and performed at high standards to assure that clients receive their results at time satisfaction.
- Basic knowledge of Media, Login:
  - a) Media- autoclave and data entry analysis; specific weigh outs of expedited sample pathogens and controls.
  - b) Login- labeling of samples and ongoing learning process of receiving and approving of samples.

**Lab Technician, Lab Support, Division of On Assignment**  
Denton, TX, Tetra Pak

*April 2010-June 2010*

**Student Engineer, City of Fort Worth**  
Arlington, TX, Wastewater Treatment Plant

*Sept 2009-May 2010*

- Maintaining and calibration of process monitoring systems that measure chlorine, hydrogen sulfite, processed air and odor control.
- Collecting field data and generating reports on computers for historical purposes and for reports to send to plant supervisors and state requirements.
- Perform lab calculations and be working with some non-hazardous chemicals.

**Research Assistant, University of Connecticut**  
Storrs, CT, Bio-Mechanical Engineering

*May 2009-Aug 2009*

- Worked with many different designing programs that include, AutoCAD, Canvis, and Fluent/Gambit.
- Did experiments in laboratory to fabricate microchannels through microfluidic devices.
- Learned how to capture and pass blood cells in the laboratory.

## **COMPUTER SKILLS/PROGRAMS**

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|------------------------|-------------|
| ▪ Microsoft WORD       | ▪ AutoCAD   |
| ▪ Microsoft EXCEL      | ▪ Canvis    |
| ▪ Microsoft POWERPOINT | ▪ Fluent6.3 |
| ▪ Solid Works          | ▪ Gambit    |