

# Frank J. Buzza

## Permanent Address

61 Chemical lane  
Showdown, PA 19788

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## Current Address

292 Harmony Drive  
Wilmington, DE 19722

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## SUMMARY

Dedicated, self-motivated employee with an acute attention to detail and analytical mindset looking to apply education and experience in the fields of biology and chemistry.

## RELATED WORK EXPERIENCE

Scientist I - **Scientific Diagnostics Incorporated**, Wilmington, DE

May 2018 – present

- Assist with product design transfer with various departments.
- Communicate results both verbally and in writing with peers and supervisors.
- Antibody purification via affinity chromatography.
- Develop and validate quantitative assays for compounds extracted from biological matrices.
- Prepare media and reagents for laboratory use. Maintain reagent and supply inventory. Materials ordering and receipt.
- Collect, calculate, and analyze data for biological sample analysis.
- Review lot record data for internal consistency and ensure the proper maintenance of operation records.
- Write and revise company SOPs in accordance with GMP regulations. Maintain accurate and current documentation.

## RESEARCH EXPERIENCE

**Microbial Genetics Research**, Dr. Xin Fan - West Chester University

January – May 2017

- Worked on the transfer of LacZ operon from *E. coli* into *H. influenzae* by using various DNA tests and techniques.

## EDUCATION

West Chester University, West Chester, PA

May 2018

**B.S. in Biology, Minor: Chemistry**

- GPA 3.37
- Course Highlights: Immunology, Microbial Genetics, Analytical Chemistry, Histology

## LABORATORY TECHNIQUES & SKILLS

- Chromatography, cGMP (good manufacturing practices), writing and revising SOPS
- Aseptic techniques, ELISA, radial immuno-diffraction, delipidations, diafiltration, HPLC, protein purification
- Spectroscopy, distillation, filtration, microbiology techniques
- Recombination, cloning, dissections, light microscopy, homogenizations, cell fractionization, plating and culturing
- PCR, Western Blotting, gel electrophoresis, transformation, and titration
- Analytical Skills, Detail oriented, Microsoft Office (Word, Excel, PowerPoint, Outlook)

## ACTIVITIES AND HONORS

Member of National Scholar Honor Society

Pi Kappa, National Greek Fraternity

- P.U.S.H. America Leader (Philanthropy Director)

## EMPLOYMENT

Waiter - Longhorn Steakhouse, Exton, PA

September 2016 – Present

- Excellent communication skills
- Proficient problem solver