

PROFESSIONAL SUMMARY

An organized, adaptable and details-oriented professional with three (3) years' practical experience in: laboratory testing protocols and practices (e.g. PCR, NMR, HPLC, ELISA, GC); calibration and operation of laboratory equipment; and adherence to GMPs, HACCP, SOPs and GLPs. Holder of a Bachelor's Degree in Biology and a Diploma in Advanced Biotechnology in addition to certificates in Workplace Hazardous Materials Information System (WHMIS, 2015), Good Clinical Practices (GCP) and GMPs.

OTHER SKILLS

Time management | Team player | Results oriented | Initiative | Open to learning, adaptable | Hard-working, dependable, ethical | Good communicator | Flexible in work hours | Open to relocation | Microsoft Word, Excel and PowerPoint | Physical dexterity.

EDUCATION

Biotechnology (Advanced) Diploma**2019 - 2020**

Centennial College, Toronto, ON, Canada

Courses:

- Biochemistry
- Chemistry – Organic, Analytical
- Biotechnology – Advanced, Analytical Instrumentation
- Microbial Genetics and Recombinant DNA Technology
- Microbiology – Environmental, Systematic, Pharmaceutical, Food
- Biological Techniques
- Occupational Health & Safety

Academic Labs/Projects:

- Performed microscopic examinations of the cellular characteristics of plants, animals, microbes.
- Differentiated chemical compounds with the use of infrared and flame atomic absorption spectroscopy.
- Separated chemical compounds using HPLC, gas chromatographs and centrifuges.
- Amplified DNA fragments using PCR which facilitated the separation of specific genes.
- Utilized nuclear magnetic resonance technique to separate chemical unknowns from a mixture.
- Prepared microbiological media and reagents; used microorganisms to assay pharmaceutical products.
- Isolated, enumerated and identified microorganisms from a variety of samples (human body, water, soil, air, food, pharmaceutical and cosmetic products) using aseptic techniques.

Bachelor of Arts in Biology**2013 - 2016**

La Roche College, Pittsburgh PA, USA

Courses:

- Biology
- Chemistry – General and Organic
- Pathogenic Microbiology
- Computer Applications and Social Media
- Analytical Geometry, Calculus, Probability and Statistics
- Biochemistry
- Genetics
- Physics – General
- Medical terminologies

SKILLS/EXPERIENCES/QUALIFICATIONS

- Calibrated and used instruments such as pH meters, micropipettes, spectrophotometers (regular/IR/UV), gas chromatographs, HPLCs, centrifuges, PCR thermocyclers, NMR and gel electrophoresis equipment.
- Comfortable with molecular assay techniques (ELISA, Western Blot, PCR).
- Conducted analytical tests on a variety of materials.
- Highly organized and adhered to GMPs, GLPs, HACCP and SOPs especially those focussed on food quality, safety and security as well as housekeeping.
- Keen observational skills and attention to details and accuracy.
- Worked well under pressure to deliver on exacting deadlines while multi-tasking as member of a team and working independently.
- WHMIS certified

RELATED EXPERIENCE

- **Tissue Culture** - Prepared equipment, media & cultures for the generation of pure tissue cultures of plant materials in a leading scientific and research organization (Scientific Research Council). SRC, Jamaica, 2017
- **Galapagos Islands** – Studied natural communities and observed genetic diversity across species which involved the keen observation, detailed documentation and in-depth analysis of data leading to the submission of a research project which earned an A grade. La Roche College, 2016
- **BioSolve** – Biology-related laboratory research. Employed the PCR technique in the identification and isolation of a bacterial strain that had zoonotic concerns from hundreds of samples. A year's worth of test results was compiled and saved for use by future students. La Roche College, 2016

PROFESSIONAL DEVELOPMENT & AFFILIATIONS

- Drug Research Experience (Training in Basic Tools for Drug Research Scientists) 2011
- Forensic Science Summer Programme (University of the West Indies, Jamaica) 2010

ACHIEVEMENTS

- Dean's List Spring Semesters – La Roche College 2014 & 2015
- Dorm Prefect, Munro College, Jamaica, W. I. 2010 - 2012

COMMUNITY INVOLVEMENT

Participated in various community service opportunities while at La Roche College:

- Community outreach to help the homeless
- Assisting in a medical supply charity company