



Karl Drackert

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PROFESSIONAL SUMMARY

MLPAO-certified laboratory technician with a strong educational foundation and hands-on clinical experience in histology, molecular biology, chemistry, microbiology, and phlebotomy. Proven ability to thrive in high-volume, regulated healthcare environments. Demonstrates accuracy, adaptability, and strong interpersonal communication in team settings. Committed to ensuring quality patient care and efficient laboratory workflow

TECHNICAL SKILLS

- **Phlebotomy:** Venipuncture, patient identification, infection control protocols
- **Specimen Handling:** Collection, labelling, accessioning, processing, storage, and transport
- **Chemistry:** Urinalysis, TDM, analyzer troubleshooting and QC (AU480, Vitros, Abbot Alinity, blood gases)
- **Microbiology:** Pathogen identification, streak plating, Gram stain, MALDI-TOF, AST
- **Histology:** Tissue embedding, microtomy, staining (routine and special), cover-slipping
- **Transfusion Science:** ABO/Rh typing, cross-matching, DAT, antigen phenotyping
- **Hematology:** CBC, ESR, sickle solubility, PT/PTT, peripheral blood smear review
- **Molecular Biology:** PCR, gel electrophoresis, DNA sequencing, Western blotting, and gene cloning

RELEVANT EXPERIENCE

MEDICAL LABORATORY TECHNICIAN - HISTOLOGY 02/2023 to 09/2023

Humber River Hospital | Toronto, Ontario

- Accessioned specimens from surgical biopsies with Dragon voice-recognition software
- Performed routine and special staining, cover-slipping, and sign-out of histological slides
- Processed lab specimens, ensuring quality and accurate labelling and efficient transport
- Performed routine QC of histology stains and reagent preparation, as well as weekly maintenance and cleaning of automatic stainers

STUDENT PLACEMENT 08/2022 to 01/2023

Alpha Laboratories, Humber River Hospital | Toronto, Ontario

- Rotated through chemistry, microbiology, hematology, transfusion science, and histology departments
- Practiced specimen preparation, analyzer operations, and quality control procedures
- Shadowed and assisted technologists in maintaining lab workflow and patient safety

UNDERGRADUATE RESEARCH PROJECT 09/2017 to 04/2018

University of Guelph | Guelph, Ontario

- Performed PCR, gel electrophoresis, and DNA sequencing to study recombination in *Daphnia pulex*
- Gained advanced molecular biology experience transferable to the clinical lab environment

OTHER EXPERIENCE

PRODUCTION ASSISTANT 06/2024 to 06/2024

Student Film Project | Toronto, Ontario

- Catered for cast and crew
- Carried film equipment to and from set
- Completed wide range of tasks in diverse filming areas to support operations

SHIPPER/RECEIVER 01/2024 to 02/2024

Above Ground Art Supplies | Toronto, Ontario

- Picked orders, scanned products and packed boxes
- Assisted in maintaining a safe working environment by following established workplace safety guidelines
- Worked in detail with shipping websites, invoices, and product logs

ORDER PICKER 09/2019 to 09/2021

Cargill Limited | Guelph, Ontario

- Utilized walkies and pallet jacks to transport orders and prepare for shipment delivery
- Built pallets and positioned orders on loading dock to safely pile and ship goods
- Maintained a clean, safe work environment by complying with established safety procedures and guidelines.

EDUCATION

Advanced Diploma | Medical Laboratory Science 02/2023

Michener Institute, Toronto, Ontario

Bachelor's Degree | Molecular Biology and Genetics 04/2018

University of Guelph, Guelph, Ontario

CERTIFICATION



MLPAO

- Member Number: 48116
- December 2024

LANGUAGES

English | Proficient

German | Basic