



Third Annual Scientific Day

Wednesday, May 23th, 2018

This is the Third Annual Scientific Day for our Medical Laboratory Program at Anderson College. The focus of the event is educating our students about different diagnostic applications and highlighting the current applications available in diagnostic settings. This year's national awareness campaign took a collaborative approach to educating the public at the level of our campus during the NMLW. We have demonstrated the important work we do in the laboratory. At the level of our two campus (Down Town and North York), we are focused on putting an extra emphasis on the importance of the advanced technologies and applications of quality assurance in the medical laboratory setting. Medical Laboratory Assistants/Technicians (MLA/T) are the core and backbone for a diagnostic laboratory. The job market and the demands for employments have been changing over the last few years by adding more automated technologies as an important components to improve the turnaround time (TAT). The TAT has a great impact on patient's health outcome. Laboratory professionals and clinical scientists are working around the clock to find new and faster ways to facilitate the diagnosis of patients' diseases and reach an accurate treatment plans. Further, our mandate is always to improve and advance our curriculum to help our new MLA/T students to have more exposure and training to make them more competent and skillful when they look for career opportunities. As a matter of fact, there are a lot of opportunities that requires the MLA/T applicant to have more technical skills in different clinical settings such as Hospitals, private clinics, pharmaceutical industry and biotechnology industry.

Program Objectives: The multiple clinical presentations offered by our clinical experts and medical laboratory professionals are addressing new technologies and methods. The clinical application of theses advanced technologies are remarkable tools in the diagnostic and research settings. This activity has been planned in accordance with the essential educational areas of development and policies according to the accreditation standards and continuing education.

Target Audience: This educational day is designed for MLA/T students and Medical Laboratory staff members, faculties and other health professionals who are interested in participating in the event.

Agenda

Quality Assurance and Technologies: What is MLA/T Role and Current Scope of Practice & Competency Profile

Date: Wednesday, May 23th, 2018 (8:00am – 5:00pm)

Location: Royal Ontario Museum (ROM) -Eaton Theater and lobby-TORONTO

Signy & Cleophee Eaton Theatre
Level B1 YORKVILLE

220 Bloor Street West, Toronto, Ontario, Canada M5S 1T8

Entrance: President's Choice School Entrance

8:00 am – 8:30 am **Registration, Opening and Attendance**

8:30 am – 9:00 am **Welcome & Introduction**

Opening Remarks: President, Mr. Mihkel Ranniste and Campus Director(s), Mrs. Rose Elia, Miss. Claudia Adair, Mr. Chamara Perera, Mr. Ryan Tuazon, Miss.Hamsha Mahalingasivam

**Introduction to Med lab educational day: Automation and what is MLA/T role
Introduction and current scope of practice**

Dr. Rafik Ragheb, Ph.D., MLT, MBA - Program Chair of Med Lab Program

Session I:

9:00 am – 9:45 am **Quality Management System and QSE in Hospital Settings (What is for MLA?)**

Lynne, Campkin

Director, Diagnostic & Laboratory Services
Markham Stouffville Hospital

10:00 am – 10:30 am **Quality Assurance and QSE in the laboratory Settings (What is for MLA?)**

Elias, Kalouche

Director of Operations at Progenics Cord Blood Cryobank.

10:45 am – 11:15 am **CSMLS Update: How to Prepare for the CSMLS Certification Exam.**

Lorna Zilic, MLT

Manager, Certification & Prior Learning Assessment
Canadian Society for Medical Laboratory Science

11:30 am-12:00 pm **Insulin resistance, Diabetes and Inflammation**

Dr. Rafik Ragheb, Ph.D., MLT, MBA

Program Chair of Med Lab Program

12:00 pm- 1:00 pm (Lunch Break)

Session II:

1:00 pm - 1:45 pm **Parasitology, current scope of practice and career opportunities**

Dr. Donald Martin

IDEXX Laboratories- National Chief of Parasitology

2:00 pm-2:45 pm **Microbiology Diagnostics, current scope of practice and career opportunities**

Dr. Hani Dick- IDEXX laboratories

National Chief/Head of Microbiology at IDEXX (North America)

3:00 pm - 3:30 pm **OSMT Update: current trend and opportunities (What is for MLA)**

Tania, Toffner

Manager Professional services- OSMT (Sponsor)

3:45 pm- 4:15 pm

Success Story

Graduate(s) of 2017/2018

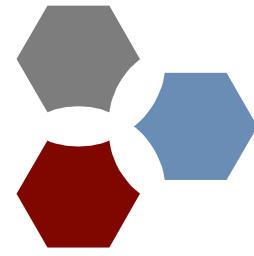
Representation of three different roles played by MLA(s) at Progenics: Diverse and multiple work opportunities. (Mary Kathleen, Lewis, Merna Georgui and Lany Fe)

4:15 pm- 4:45 pm **Career Development/How MLA/T can fit into different career opportunities.
The Concept of Disruptive Career Development**

Mr. Dean Boukydis, Faculty at Anderson College.

4:45 pm - 5:00 pm **(Closing and Session Conclusion, Dr. Rafik Ragheb and Med Lab Team)**

*Anderson College has received the OSMT CEF Grant for 2018 in supporting our
Third Annual Scientific Day/Symposium*



**Ontario Society of
Medical Technologists**

*Anderson College would like to thank all the distinguished guests for their
valuable contribution to the success of this event.*



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