

LABORATORY PROFESSIONAL DEVELOPMENT CAREER EXCELLENCE PROGRAMME 2026

PART 2

*OPERATIONAL EXCELLENCE: QUALITY,
FINANCE & SUSTAINABILITY*

**LIVE VIRTUAL PROGRAMME
3-DAY PROSPECTUS
28, 29 & 30 JULY 2026**



MiChem Dynamics
— LEADING CHANGE



*MiChem Dynamics (Pty) Ltd In partnership with
Seklwo Skills Institute and Consultancy*

INTRODUCTION TO PART 2

Operational Excellence: Quality, Finance & Sustainability

MiChem Dynamics, in partnership with Seklwo Skills Institute and Consultancy, proudly presents Part 2 of the Laboratory Professional Development & Career Excellence Programme. This is a 3-day virtual learning experience designed to equip laboratory professionals with the practical capability required to build laboratories that are credible, compliant, and financially sustainable.

Following the foundation established in Part 1, which focused on career direction, leadership identity, and human capability, Part 2 moves into operational excellence. In today's evolving healthcare and laboratory environment, technical competence and leadership alone are not enough. Laboratories must function as integrated systems where quality, financial performance, and operational efficiency work together to deliver sustainable results.

Many laboratories are technically strong and fully compliant, yet still experience inefficiencies, financial pressure, and operational challenges that limit long term growth. Part 2 addresses this gap by connecting technical excellence with operational sustainability, helping participants move from reactive operations to intentional and well managed laboratory systems.

Through three carefully structured sessions, participants will be guided through the key pillars of operational excellence. These include quality management and accreditation, financial literacy for laboratory managers, and digital transformation with supply chain resilience. Each session is led by experienced African professionals and focuses on practical application, real world insight, and tools that can be implemented immediately.

PROGRAMME STRUCTURE



28, 29 & 30 July 2026 (3 days)



4:00 PM – 6:00 PM (GMT) / 6:00 PM - 8:00 PM (GMT+2 / SAST)



Live Online via Zoom (*recordings available to registered participants*)

Each day features a focused two-hour session led by an experienced African laboratory and leadership professional, combining practical frameworks, reflection, and real-world application.

WHO SHOULD ATTEND?

Part 2 is ideal for:

- Medical Laboratory Scientists and Technologists
- Laboratory Supervisors and Managers
- Emerging and aspiring laboratory leaders
- Professionals seeking career clarity, leadership growth, and personal development

WHAT PARTICIPANTS CAN EXPECT

By the end of Part 2, participants will:

- Strengthen their understanding of quality systems and accreditation requirements
- Gain practical insight into financial decision making and sustainability
- Develop awareness of digital systems and supply chain resilience
- Build confidence in managing laboratories as integrated and high performing systems

Part 2 continues the journey from personal and leadership development into operational mastery, ensuring that laboratories are not only technically competent, but also sustainable, resilient, and ready for the future.

ACCESS & CERTIFICATION

Attendance:

All sessions are free to attend, supporting broad access to professional development across the laboratory community.

Certification (Optional):

A certificate of attendance will be issued to all participants who attend the live session.

EVENT SPEAKERS' TOPICS & ABSTRACTS

DAY 1: 28 July'26 / 4:00 PM – 6:00 PM (GMT)
6:00 PM - 8:00 PM (GMT+2 / SAST)

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QUALITY MANAGEMENT & ISO 15189 ACCREDITATION MASTERCLASS: FROM COMPLIANCE TO CONFIDENCE IN MEDICAL LABORATORIES

By Michael Baffuor-Asare (Ghana)

This masterclass aims to deliver a high-impact, executive-level immersion into the principles, practices, and strategic imperatives of Quality Management and ISO 15189 accreditation for medical laboratories. Designed for senior laboratory leaders, quality managers, and scientists. The module will simplify complex quality systems into a clear, actionable framework that can be rapidly understood and immediately applied to strengthen laboratory operations. Across six tightly structured segments, the programme will address the essential components of quality and accreditation; from foundational concepts to advanced leadership considerations thereby ensuring participants leave with deep insight, practical tools, and a clear roadmap for implementation.

The masterclass will begin by positioning laboratory quality as a critical public-health and patient-safety imperative, highlighting the consequences of poor quality and the urgent need for accreditation as a credibility, risk-management, and performance-assurance mechanism.

Participants will be guided through the ISO 15189:2022 structure with particular emphasis on the clauses mostly scrutinized by assessors.

There will be focused review of the entire testing cycle to highlight where errors most often occur, enabling laboratory leaders to strengthen pre-analytical systems, improve analytical reliability, and optimize post-analytical communication of results.

Participants will further gain competency in internal auditing, non-conformance writing, root-cause analysis, CAPA development, and risk-register formulation skills essential for maintaining a resilient quality management system.

Ultimately, participants will leave the masterclass with:

- Clarity on ISO 15189 expectations,
- An understanding of their laboratory's current maturity level
- A suite of practical templates and tools to launch, accelerate or maintain their laboratory's accreditation.
- More importantly, they will be empowered to drive meaningful, sustainable improvements capable of transforming laboratory services across Africa and beyond.

SPEAKERS BIO

Michael Baffuor-Asare is a Deputy Chief Medical Laboratory Scientist, with 18 years of post-training experience in Clinical, Teaching and Research laboratories within both private and public healthcare systems. Michael is currently a PhD candidate in Clinical Microbiology at the University of Ghana. He is also a part-time Lecturer at the College of Medicine and Allied Sciences (CoMAS), North Legon, Accra-Ghana.

He has unparalleled experience thereby affording him the opportunity to champion diagnostic excellence by serving as a consultant to numerous laboratories through customized mentorship programs in QMS implementation, audit and improvement. He is currently the Health and Safety Officer/IPC focal for the Central Laboratory of the Korle Bu Teaching Hospital as well as a certified QMS auditor. He contributed immensely to the attainment and maintenance of the ISO15189:2022 accreditation by his laboratory.

Michael is strongly driven by the believe that True Quality Begins and Ends with the People.

EVENT SPEAKERS' TOPICS & ABSTRACTS

DAY 2: 29 July'26 / 4:00 PM – 6:00 PM (GMT)
6:00 PM - 8:00 PM (GMT+2 / SAST)

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FINANCIAL LITERACY FOR LABORATORY MANAGERS:

Turning Operational Excellence into Financial Sustainability

By Precious Ifeanyi (Nigeria)

Medical laboratories today operate in an increasingly complex environment marked by rising reagent costs, long vendor lead times, foreign exchange volatility, equipment downtime, and growing pressure from clients and HMOs on pricing and turnaround time. While laboratory managers are highly skilled in quality assurance, technical competence, and compliance, many lack the financial literacy required to translate operational excellence into sustainable financial performance. This gap often results in laboratories that are busy, compliant, and productive, but financially fragile.

This session will present a practical, management-focused approach to financial literacy tailored specifically for medical laboratory managers. Rather than accounting theory, the presentation will focus on how everyday operational decisions, such as inventory ordering, test pricing, discount approvals, downtime management, and credit exposure, directly impact margins, cash flow, and long-term viability. Using real-life laboratory scenarios common across African healthcare settings, participants will explore the financial consequences of operational choices and learn how to manage resources more strategically.

The session will cover core finance concepts relevant to laboratory leadership, including revenue quality versus volume, cost-to-serve and test-level profitability, profit versus cash flow, inventory and working capital management, and key financial KPIs managers should monitor. Practical case studies such as the “busy but broke laboratory,” equipment downtime scenarios, and inventory bulk-buy decisions will be used to stimulate discussion and problem-solving. Interactive exercises will help participants apply concepts immediately to their own laboratory environments.

By the end of this session, participants will gain the ability to interpret key financial indicators, ask the right governance questions, and make financially informed decisions without compromising quality or patient care. They will leave with a practical decision lens, a simple management scorecard, and a 30-day action framework they can implement immediately. Ultimately, this session equips laboratory managers to transition from operational supervisors to financially accountable leaders capable of driving both clinical excellence and business sustainability.

SPEAKERS BIO

Ifeanyi Precious is a senior healthcare operations leader with deep expertise in laboratory operations, corporate governance, and supply chain optimization across complex, multi-site environments. He currently serves as Corporate Operations Manager at SYNLAB Nigeria, where he provides enterprise-level oversight for inventory, procurement, logistics, and operational performance.

In this role, he has delivered transformational results, including reducing Days Inventory Outstanding from 312 days to 115 days, improving service fill rates to 98%, cutting inventory wastage to 0.3%, and generating over ₦1 billion in cumulative cost savings through disciplined sourcing, FX management, and process redesign. His leadership has consistently strengthened cash flow, service reliability, and operational resilience.

Precious is undergoing an EMBA program with Rome Business School, holds a Mini-MBA from Tekedia Institute (USA), a BMLS degree, and certifications in executive team leadership, corporate finance, governance, and operations excellence. He consults for executive decision-making and building resilient healthcare operations in African markets.

EVENT SPEAKERS' TOPICS & ABSTRACTS

**DAY 3: 30 July'26 / 4:00 PM – 6:00 PM (GMT)
6:00 PM - 8:00 PM (GMT+2 / SAST)**

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DIGITAL TRANSFORMATION AND HUMAN CAPITAL DEVELOPMENT

for Resilient Global Health Supply Chains

By Sekisozi Racheal Nabuwufu (Uganda)

Resilient global health supply chains are essential for ensuring uninterrupted access to life-saving medicines, diagnostics, and medical commodities, particularly in the face of increasing disruptions such as pandemics, climate shocks, geopolitical instability, and health system constraints in low- and middle-income countries. While digital transformation has emerged as a critical enabler of supply chain visibility and efficiency, its impact on resilience remains limited without parallel investment in human capital development.

This session examines the intersection of digital transformation and human capital development as a dual foundation for building resilient global health supply chains. It explores how digital tools, such as electronic logistics management information systems (eLMIS), real-time data dashboards, predictive analytics, and emerging technologies, can enhance forecasting, inventory management, and decision-making across health systems. The session further highlights the importance of interoperability, data governance, and technology fit-for-purpose in diverse global health contexts.

The session emphasizes the role of people, leadership, and organizational culture in sustaining digital innovation. It addresses critical workforce competencies, leadership and governance structures, change management, and inclusive capacity-building approaches that enable professionals to effectively adopt and utilize digital solutions. Particular attention is given to strengthening skills among supply chain practitioners, promoting gender and youth inclusion, and professionalizing health supply chain roles to enhance long-term system resilience.

Using practical case examples and real-world experiences from global and regional health supply chains, the session moves beyond theory to demonstrate how integrating digital systems with empowered human capital can reduce stock-outs, improve last-mile delivery, and strengthen preparedness for future shocks.

Participants will gain actionable insights to assess their own digital and workforce readiness and identify practical steps for improving resilience within their organizations and countries.

This session contributes to ongoing global efforts to shift health supply chains from reactive, efficiency-driven models toward proactive, data-driven, and people-centred systems that are robust, adaptive, and sustainable.

SPEAKERS BIO

Sekisozi Racheal Nabuwufu is educationist, strategist and consultant dedicated to transforming healthcare professionals and life scientists into influential, market-ready leaders who operate at the intersection of technical expertise and paratechnical skills. She is a Biomedical Laboratory Technologist and currently a Master of Business Administration (Marketing Management) finalist at the Uganda Management Institute.

Racheal is an entrepreneur with over 7 years of experience serving both B2B and B2C clients. Her journey began in 2018 with the Yacon Project, a pharma-food social enterprise that has since evolved into Seklwo Skills Institute and Consultancy which now serves a global audience.

Her mission is to equip healthcare professionals and life scientists with any of the 5 broad paratechnical skills i.e business, creativity and innovation, communications, digital fluency & technology and the 3Ps of sustainability enabling them to unlock strategic potential and stay relevant in the evolving global economy through world-class training/coaching, mentoring and consultancy.



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Contact us for further information

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