

CURRICULUM VITAE
MR. MACDONALD GEORGE MPANDO

CONTACT DETAILS

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PERSONAL INFORMATION

Date of birth : 27th March, 1997
Nationality : Malawian
Sex : Male
Marital Status : Single
Religion : Christian
Language proficiency: English and Chichewa

CAREER OBJECTIVE

- Commitment to improve health status of my country (Malawi) through active participation in provision of quality diagnostics through program management, research, capacity building and wet lab activities.

CURRENT EMPLOYER DETAILS

- Community di Sant'Egidio-ACAP, DREAM Malawi Program
- Working as Laboratory Director since October 2024.

EDUCATION

- Bachelor of Medical Laboratory Sciences (Hons), University of Malawi, 2017-2022
- Malawi School Certificate of Education, Blantyre Secondary School, 2012-2016

REGISTRATION WITH PROFESSIONAL BODIES

- Registered with Medical Council of Malawi as a medical laboratory technologist.
Registration number: **MCM/MLT/0970**, Certificate number: **1070**

SHORT COURSE ATTENDANCE

- Certificate in Good Clinical Laboratory Practice. The Global Health Network, 23 February, 2023
- Certificate in Good Clinical Practice. The Global Health Network, 18 February, 2023
- Certificate in Data Analysis using Microsoft Excel (online) Great Learning (<https://www.mygreatlearning.com>), 28 September, 2023
- Certificate in Supply Chain (online) Great Learning (<https://www.mygreatlearning.com>), 22 March, 2023
- Certificate in Organization and Personnel Management, (online) The Global Health Network (<https://tghn.org>). 21 February, 2023
- Project management,(Online) Coursera. 2 - 20 May, 2024
- Leadership, (Online) Coursera. 15 March 2024 - 14 April, 2024
- Abbott Alinity m End User Training, 27 February to 2 March, 2023
- HPV DNA Training, 8-11 May, 2023
- Biosafety and Biosecurity Training, 18-22 September, 2023
- Genexpert GXAlert training, 04-08 December, 2023
- In-house trainings at Blantyre DREAM lab for
 - Abbott m2000 User Training, 10-14 January, 2023
 - Sysmex XP-300/KX-21N Haematology Analyzer, 21-22 January, 2023
 - Mindray BS-240 Chemistry Analyzer, 6-9 February, 2023
 - CD4-PIMA, 4 March, 2023
 - Genexpert TB, 1-5 February, 2023
 - Genexpert EID, 27 January, 2023
 - Genexpert SARS CoV-2, 28-30 January, 2023
 - Genexpert HPV PCR, 8-11 May, 2023
 - TB microscopy, 1-5 February, 2023
 - TB-LAM, 1-5 February, 2023
 - CrAg, 1-5 February, 2023
- Monitoring and Evaluation focal persons Training, 18-19 April, 2024
- Integrated genexpert Training, 20-24 May, 2024
- Quality Control and Method Validation Training 8th-12th July, 2024

WORK EXPERIENCE AND ACHIEVEMENTS

At Mtengowanthenge DREAM Laboratory, since September, 2024

As Laboratory Director,

- Have been working to assure the application of all lab rules according to the Quality System, under the technical supervision of the international staff in Rome and referring to the country DREAM manager. Responsible to identify any difficulties in the execution of laboratory work and to propose appropriate solutions.
- Have been managing and organizing the laboratory by:
 - ✧ Providing effective leadership of the medical laboratory service, including budget planning and financial management.
 - ✧ Relating and functioning effectively with accrediting and regulatory agencies, administrative officials, the healthcare community, the patient population served, and providers of formal agreements.
 - ✧ Ensuring that there are appropriate numbers of staff with required education, training and competence to provide medical laboratory services that meet the needs and requirements of the users.
 - ✧ Ensuring the implementation of the quality policy.
 - ✧ Implementing a safe laboratory environment in compliance with good practice and applicable requirements.
 - ✧ Selecting and monitoring laboratory suppliers.
 - ✧ Selecting referral laboratories and monitoring the quality of their services.
 - ✧ Providing professional development programmes for laboratory staff and opportunities to participate in scientific and other activities of professional laboratory organizations.
 - ✧ Defining, implementing and monitoring standards of performance and quality improvement of the medical laboratory services.
 - ✧ Ensuring that processes to manage risks are evaluated for effectiveness and modified when not effective.
- Have also been performing other duties to ensure effective and smooth flow of laboratory processes and quality management system including
 - ✧ Communicating to laboratory personnel the importance of meeting the needs and requirements of users through laboratory and clinical meetings.
 - ✧ Ensuring that the staff have read and understood applicable regulatory and accreditation requirements availed by the management.

- ❖ Ensuring that quality objectives and planning are established in consultation with international supervisor.
- ❖ Defining responsibilities, authorities and interrelationships of all personnel in consultation with international supervisor.
- ❖ Establishing communication processes
- ❖ Appointing a Quality Officer and other laboratory officers in consultation with international supervisor.
- ❖ Conducting annual management reviews.
- ❖ Ensuring that all personnel are competent to perform their assigned activities.
- ❖ Dealing with the laboratory staff of other DREAM structures and report the same to country coordinator and to the international supervisor.
- ❖ Ensuring coordination with the DREAM centers as well as public facilities that send the samples to DREAM laboratories.
- ❖ Conducting laboratory staff appraisal.
- ❖ Attending to required laboratory related seminars and forums.
- ❖ Establishing and reviewing of service agreements for providing laboratory services.
- ❖ Seeking user feedback information concerning service satisfaction and taking corrective and preventive actions to continuously improve performance.

At Blantyre DREAM Laboratory(June, 2024 to August, 2024)

Appointed as Laboratory Safety Officer

- Had been performing safety managerial responsibilities which included
 - ❖ Ensuring safety and biosecurity in the laboratory.
 - ❖ Training staff regarding safety.
 - ❖ Implementing and maintaining a safe and secure work environment.
 - ❖ Overseeing an annual laboratory safety audit.
 - ❖ Performing walk-throughs as needed on safety and security.
 - ❖ Writing and training on safety and security procedures.
 - ❖ Maintaining the safety manual.
 - ❖ Internal and external supervision of safety equipment.
 - ❖ Ensuring availability of personal protective equipment and material safety data sheets.
 - ❖ Updating and distributing safety manual and safety procedures.

At Blantyre DREAM Laboratory(January, 2023 to August, 2024)

As Laboratory Technologist,

- Had been involved in the laboratory workflow at different levels including
 - Sample quality checks
 - Sample registration
 - Sample sorting
 - Sample processing
 - Results management
 - Sample storage
 - Waste management
- Had been actively involved in the following wet lab procedures
 - HIV-1 viral load with Abbott m2000 and Abbott Alinity m
 - Full blood Count with Sysmex XP-300/KX-21N
 - Biochemistry with Mindray BS-240
 - TB, EID, HPV PCR with Cepheid genexpert
 - TB using FT microscope
 - CD4 using CD4-PIMA machine
 - Other tests like TB-LAM, CrAg
- Working in an accredited lab and actively participate in the implementation of the quality management system (QMS) routinely doing various tasks including:
 - Development of QMS documents
 - Internal audit
 - Competency assessments
 - Method verification
 - Lot to lot verification
 - External Quality Assurance (EQA) reviews
 - Internal Quality Control (IQC) reviews
 - Preventive maintenances
 - Temperature monitoring
 - Departmental tasks
 - Gathering of complaints
 - Customer satisfaction survey
 - Review of calibrations
 - Management reviews

- Routine QMS reviews
- Staff meetings
- Identification of non-conformities
- Rejection/acceptance criteria
- Monitoring of laboratory indicators
- Risk assessment

At Zomba Central Hospital (January to June 2021)

As an intern, worked in

- Blood Bank
 - Blood grouping
 - Blood issuing
- Haematology

At Kamuzu Central Hospital (August to December 2021)

As an intern

- Microbiology
 - Preparing different culture media
 - Culturing different microorganisms including bacteria and fungi
- TB with microscopy and genexpert
- Urinalysis
- Blood chemistry
- Haematology

Professional and Core skills

- Team management
- Regulatory compliance
- Data management procedures
- Self-motivated, self-starter, team player and result oriented
- Excellent interpersonal and communication skills
- Excellent organizational, time management skills and ability to multi-task and prioritize
- Good Leadership Skills
 - Class president, MLS, class of 2018
 - School Head Prefect at Blantyre Secondary School, 2015
 - Activities coordinator, College of Medicine sports committee, 2021
 - Chairperson of a charity organization, Step Up for a Child Malawi (SUCMA)
 - Discipline Master at Kanjedza Assemblies of God Youth
 - Staff secretary at Blantyre DREAM lab

- Secretary for Upper Shire Farmers Cooperation
- Chairman for Upper Shire Farmers Cooperation
- Proficiency in using Microsoft Office; Excel, Power point, Internet /Email and SPSS

REFERENCES

Dr Richard Luhanga.

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Dr Mulinda Nyirenda.

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