

# CURRICULUM VITAE

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## PERSONAL DETAILS

**Name:** PATRICK MYLES WANGIRA

**Profession:** Medical Educator / Human Anatomy Technologist

**Email:** mimisungu@gmail.com/pmyles@mmust.ac.ke

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## PROFESSIONAL SUMMARY

A highly accomplished medical educator and human anatomy technologist with extensive experience in mortuary science, medical laboratory technology, and health professions education. Currently pursuing a PhD in Medical Education, with demonstrated expertise in curriculum development, teaching at multiple health training institutions, and managing human anatomy laboratories. Proven track record in developing specialized programs including Higher National Diploma curricula in Mortuary Science. Passionate about bridging theory and practice through innovative teaching methodologies and competency-based education.

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## ACADEMIC QUALIFICATIONS

Qualification	Institution	Year
PhD in Medical Education (Ongoing)	Masinde Muliro University	2025 – 2028
Master of Science in Health Professions Education (MSc)	Masinde Muliro University	2023-2025

Qualification	Institution	Year
Bachelor of Science in Health Professions Education (BSc)	Masinde Muliro University	2019 – 2022
Certificate in Forensic DNA and Serology	Kenya Polytechnic University College	2010
Certificate in Mortuary Science	University of Nairobi – Chiromo Funeral Parlour	2007 – 2008
Diploma in Medical Laboratory Technology	Eldoret Polytechnic	2003 – 2006
Kenya Certificate of Secondary Education (KCSE)	Libinu Secondary School	1997 – 2000
Kenya Certificate of Primary Education (KCPE)	Makongeni Primary School	1989-1996

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## JOURNALS AND PUBLICATIONS

Publication	Citation/Link
Wangira, P. M., Chemjor, H., & Kaniaru, D. K.	<i>Assessment of Competency and Biosafety in Mortuary Science Practice Among Practicing Morticians in Western Kenya.</i> <a href="https://doi.org/10.51867/ajernet.6.2.28">https://doi.org/10.51867/ajernet.6.2.28</a>

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## PEER REVIEWS

### Manuscript

Ms\_AJMPCP\_155725: \*Impact of COVID-19 on the Financial Performance of Private Tertiary Care Centres in Sri Lanka\*

### Journal

Asian Journal of Medical Principles and Clinical Practice

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## PROFESSIONAL EXPERIENCE

### Senior Human Anatomy Technologist

Masinde Muliro University | 2018 – Present

#### Key Responsibilities:

- Provide technical support to the Department of Human Anatomy under the supervision of the Head of Department
- Maintain laboratory equipment through cleaning, testing, calibration, and major maintenance
- Handle human cadavers and prosected specimens (preserved, dissected body parts)
- Develop and implement operating procedures for laboratory activities
- Assist students and instructors in proper use of laboratory equipment
- Prepare, design, and set up laboratory materials and equipment for demonstrations and student use
- Perform embalming, retrieval of cadavers, and disinfection of mortuary environment and tools
- Conduct post-mortem examinations and reconstruction of deceased individuals
- Coordinate dispatch of bodies for burial and manage repatriation processes
- Perform cosmetic restoration and cremation procedures

#### Key Achievement:

- Consistently exceeded departmental expectations in laboratory management and technical support

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### **Curriculum Development Consultant**

**Kenya Medical Training College (KMTC), Narok County** | *March 30 – April 3, 2026*

#### **Responsibilities:**

- Developed advanced embalming practice modules for Higher National Diploma in Mortuary Science
- Created comprehensive course content for Reconstruction and Restoration Arts

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### **Curriculum Development Participant**

**School of Medicine, Kisumu County** | *February 2026*

#### **Responsibilities:**

- Contributed to the development of degree curriculum in Mortuary Science and Funeral Management

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## **TEACHING EXPERIENCE**

<b>Role</b>	<b>Institution</b>	<b>Location(s)</b>
Part-Time Lecturer	St Mary's School of Clinical Medicine	Mumias
Part-Time Instructor	School of Public Health and Biotechnology, Masinde Muliro University	Kakamega
Part-Time Lecturer	Kenya Medical Training College (KMTC)	Kakamega, Kisumu, Bondo, Eldoret, Machakos, Mombasa, Homabay

<b>Training/Workshop</b>	<b>Date</b>	<b>Organizer/Venue</b>
Capacity Building on Proposal Writing and Grant Writing	March 26–27, 2026	Tropical Institute of Community Health and Development in Africa, Kisumu County
Curriculum Review Workshop, School of Medicine	February 2026	Kisumu Hotel, Kisumu County
Curriculum Development Workshop for Short Courses	November 25, 2025	Golf Hotel, Kakamega
CBE – The Basics (Online Training)	February 10–28, 2025	ERASMUS-EDU-2024-CBHE-STRAND-3 Project AgrCBE
TVET-CBET Curriculum Development and Implementation Workshop	February 22–24, 2023	MMUST-Tvet Institute, Golf Hotel, Kakamega
TVET-CBETA Curricula Development and Review Workshop	November 17–18, 2022	MMUST-Tvet Institute, Golf Hotel, Kakamega
Autopsy in the COVID-19 Era	2020	Certificate of Attendance
Nutrition for Health Performance	2020	Certificate
Customer Care Skills, Bereavement and Stress Management	2013	Certificate
Peer Education	2015	Certificate
Standard Precaution: Hand Hygiene	2020	Certificate
Standard Precaution: Waste Management	2020	Certificate
Incident Management System (Tier 1)	2020	Certificate
Incident Management System (Tier 2)	2020	Certificate

COVID-19: How to Put on and Remove Personal Protective Equipment (PPE)	2020	Certificate
COVID-19: Operational Planning Guidelines	2020	Certificate
Standard Precaution: Environmental Cleaning and Disinfection	2020	Certificate

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## TRAININGS AND WORKSHOPS ATTENDED

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## TECHNICAL AND RESEARCH SKILLS

### Laboratory Equipment Proficiency

Category	Equipment
Anatomical/Medical	Specimen jars, surgical tools, dissection instruments, rib shears, bone saw, mortuary equipment, embalming instruments
Analytical	Spectrophotometers, micropipettes, lab scales, SDS-PAGE gel-electrophoresis equipment
Clinical	Sphygmomanometer, stethoscope, otoscope, ophthalmoscope
Laboratory Support	Autoclave, BIOPAC software
Mortuary Operations	Metal tags, engraving machine

### Safety and Office Equipment

- Fire extinguishers, first aid kits
- Computers, printers, and general office equipment

### Computer Applications

- Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)
- Data analysis software
- Technical writing and documentation

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## CORE COMPETENCIES

Competency	Description
Chemical and Cadaver Management	Well conversant with rules and regulations governing use, storage, and disposal of hazardous chemicals, human cadavers, and prosected specimens
Equipment Maintenance	Demonstrated competence in operation, maintenance, and minor repair of science-related equipment
Safety Compliance	Proficient in operation and maintenance of safety equipment and adherence to laboratory safety protocols
Curriculum Development	Experienced in developing HND and degree-level curricula in mortuary science and health professions education
Teaching and Facilitation	Extensive experience teaching across multiple health training institutions

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## COMMUNITY ENGAGEMENT

Role	Organization	Term
Board Member (BOM)	Nyabondo High School	2019 – 2022

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## INTERESTS AND HOBBIES

- Reading medical journals and staying current with health professions education research
  - Rugby, swimming, and body building
  - Charity work and community service
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## **REFEREES**

### **Dr. Charles Nyakinda**

*Role:* Chairman, Department of Human Anatomy

*Organization:* Maseno University

### **Mr. Erick Oganda James**

*Role:* Senior Technologist/Trainer, Department of Human Anatomy

*Organization:* University of Nairobi, Chiromo Campus

### **Dr. Willis Oyieko**

*Role:* Lecturer, Department of Human Anatomy

*Organization:*

Maseno University