



*In Search of Better Health*

# **KENYA MEDICAL RESEARCH INSTITUTE**

## **INTERNAL OFFICE MEMO**

<b>From:</b> Ag. Director, Research & Capacity Building	<b>Date:</b> 22 <sup>nd</sup> January 2025
<b>To:</b> All KEMRI Scientific Staff	<b>Ref:</b> KGS/ADM/TR

**SUBJECT: RECRUITMENT OF UNIT LECTURERS FOR 1<sup>ST</sup> AND 2<sup>ND</sup> SEMESTER  
2025/2026 AT THE KEMRI GRADUATE SCHOOL**

The KEMRI Graduate School invites applications from qualified staff to fill positions of part-time Unit Lecturers under our KEMRI/JKUAT collaborative programme. This call is to support teaching of specialized units for 1<sup>st</sup> and 2<sup>nd</sup> Semester, 2025/2026 for our Master of Science and PhD students.

### **Qualifications:**

- Doctor of Philosophy in the relevant area of specialization from a recognized University.
- Teaching experience. Certificate in Pedagogy and Andragogy will be an added advantage.
- Applicants with ongoing funded research projects will have an added advantage.

### **How to apply**

You are required to submit your application indicating, department, area of interest/specialization as per the Semester Course Units attached, together with up-to-date CV not later than **21<sup>st</sup> February 2025**.

Applications should be addressed to:

**The Director,  
Research and Capacity Building  
KEMRI  
Email. [graduateschool@kemri.go.ke](mailto:graduateschool@kemri.go.ke)**

  
Martin Bundi, PhD

**KEMRI GRADUATE SCHOOL**

Encl.

### COURSE UNITS FOR FIRST SEMESTER 2025/2026

School	Program	Code	Title
School of Public Health	PhD Common Units SoPH	PEH 4100	Advanced Quantitative Research Methods
		PPH 4100	Advanced Qualitative Research Methods
		PEH 4101	Advanced Biostatistics
		PEH 4105	Research Seminar
	PhD Epidemiology & Biostatistics	PEH 4103	Advanced Applied Epidemiology
		PEH 4104	Design and Analysis of Clinical Trials
	PhD Global Health	PGH 4103	Global Health Economics and Policy
		PGH 4100	Global Disease Epidemiology & Control
	PhD Public Health	PEH 4105	Fundamentals of Implementation Science
		PEH 4106	Health Systems and Policy
	MSc Common Units SoPH	PPH 3100/ TID 3103	Principles of Epidemiology/ Epidemiology
		PEH 3102/ TID 3104	Biostatistics
		PEH 3100/ TID 3100	Research Methodology
		PEH 3101/ TID 3101	Data Analytics, Visualization and Health Informatics/ Computer Applications in Health Research
		PGH 3100	Demography and Population Health
	MSc Public Health	PPH 3101	Principles of Public Health, Health Education and Promotion
		PPH 3102	Maternal and Child Health and Nutrition
	MSc Epidemiology & Biostatistics	PEH 3103	Epidemiological Methods
		PEH 3104	Quantitative Epidemiology
	MSc Global Health	PPH 3105	Social Sciences in Health
		PPH 3109	Advanced Occupational and Environmental Health
	School of Biomedical Sciences	MSc Molecular Medicine	TIM 3100
TIM 3101			Cell Structure and Function
MSc Medical Microbiology/ Medical Virology		TMM 3100	Pathogenic Microbiology I
		TMM 3118	Medical Virology I
MSc Medical Parasitology & Entomology		TPE 3100	Medical Protozoology
		TPE 3101	Medical Helminthology
School of Pharmacy	MSc Medicinal Chemistry	TPS 3100	Quantitative Structure Activity Relationships (QSAR)
		TPS 3101	Drug Metabolism
	MSc Medicinal Phytochemistry	TPS 3112	Methods in Advanced Pharmacognosy
		TPS 3105	Chemistry of Natural Products

## COURSE UNITS FOR SECOND SEMESTER 2025/2026

School	Program	Code	Title
School of Public Health	MSc Public Health	PPH 3103	Law, ethics, and human rights
		PPH 3104	Communicable and Non-Communicable Disease Prevention and Control
		PPH 3105	Social sciences in health
		PPH 3106	Advanced Occupational and Environmental Health
		PPH 3107	Health care systems and Organization
		PPH 3108	Disaster Management
		PPH 3109	Health Systems Research
	MSc Epidemiology & Biostatistics	PEH 3105	Biostatistics for Epidemiological Studies
		PEH 3106	Applied Epidemiology
		PPH 3110	Healthcare Delivery Systems
		PEH 3108	Molecular Epidemiology
		PPH 3112	Health Systems Research
	MSc Global Health	PEH 3110	Epidemiology of Infectious Diseases
		PGH 3101	Global Health Determinants and Disease Patterns
		PGH 3102	Travel Medicine
		PEH 3106	Applied Epidemiology
		PPH 3111	Disaster Management
		PGH 3103	Health Systems Strengthening
		PGH 3104	Health Project Planning, Monitoring and Evaluation
School of Biomedical Sciences	MSc Molecular Medicine	PPH 3103	Law, Ethics and Human Rights
		TIM 3102	Immunity & Diseases
		TIM 3103	Immunological Techniques I
		TIM 3110	Cell Organization Structure and Function
		TIM 3111	Signal Transduction and Proteomics
	MSc Medical Virology	TIM 3112	Genomics and Bioinformatics
		TMM 3117	Laboratory Animal Care and Use
		TMM 3119	Medical Virology II
		TMM 3120	Retro Vir. Viral Hemorrhagic Fevers & Unconventional Viruses
		TMM 3121	Diagnostic Virology & Epidemic Surveillance & Emergencies
		TMM 3122	Vaccinology and Immunizations
	MSc Medical Parasitology & Entomology	SZL 3123	Laboratory Methods in Parasitology
		SZL 3124	Immunology of Parasitic Infections
		SZL 3125	Control of Parasitic Infections
		TIM 3104	Cellular and Molecular Immunology
		TPE 3102	Medical Entomology
	MSc Medical Microbiology	TMM 3102	Anaerobic Microbiology
		TMM 3101	Pathogenic Microbiology
		TMM 3103	Microbial Genetics
		TMM 3104	Antimicrobial Agents
TIM 3104		Cellular And Molecular Immunology	
School of Pharmacy	MSc Medicinal Chemistry	TPS 3102	Principles of Organic and Inorganic Synthesis
		TPS 3103	Instrumental Methods
		TPS 3104	Spectroscopic Methods
		TPS 3106	Chemistry of Peptides and Proteins
		TPS 3109	Pharmacology and Toxicology
	MSc Medicinal Phytochemistry	TPS 3113	Screening Methods in Pharmacology
		TPS 3103	Instrumental Methods
		TPS 3114	Plant Taxonomy
		TPS 3107	Chromatographic Methods
		TPS 3104	Spectroscopic Methods