

## CURRICULUM VITAE

DR. SUSAN MAMUSAVU TUVEI  
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### EDUCATION BACKGROUND

Dates	Institutions and qualifications
2017 – 2022	: Maseno University <b>PhD in Medical Microbiology</b> <i>RESISTANT GENES ENCODING EXTENDED-SPECTRUM <math>\beta</math> LACTAMASES IN PATHOGENIC BACTERIA ISOLATED FROM WOUNDS OF DIABETES MELLITUS PATIENTS AT JARAMOGI OGINGA ODINGA TEACHING &amp; REFERRAL HOSPITAL, KENYA.</i>
2014 - 2017	: Maseno University <b>MSC in Medical Microbiology</b>
2011 to 2014	: Mount Kenya University <b>BSC in Medical Laboratory Sciences</b>
2001 – 2004	: Kenya Medical Training College (Kakamega campus) <b>Diploma in Medical Laboratory Sciences</b>
1996 – 1999	: Sacred Heart Girls - Mukumu <b>Kenya Certificate of Secondary Education- B (Minus)</b>
1987 - 1995	: Muting'ong'o primary school <b>Kenya Certificate of Primary Education</b>

### RESEARCH AND PUBLICATIONS

1. **Tuvei, S. M.**, Guyah, B., & Kakai, R. (2022). Antimicrobial resistance patterns of bacteria isolated from wounds of diabetic patients at Jaramogi Oginga Odinga Teaching & Referral Hospital (JOOTRH), Kenya. *European Journal of Medical and Health Sciences*. ISSN: 2593-8339, 4(5), 8-12. <https://doi.org/10.24018/ejmed.2022.4.5.1311>
2. **Tuvei, S. M.**, Kakai, R., & Guyah, B. (2022). Phenotypic profiling of selected bacterial microbes Isolated from wounds of diabetic patients at Jaramogi Oginga Odinga Teaching & Referral Hospital, Kenya. *Journal of Advances in Microbiology*. ISSN: 2456-7116, 22(6), 30-41. DOI: [10.9734/jamb/2022/v22i630466](https://doi.org/10.9734/jamb/2022/v22i630466)
3. **Tuvei, S. M.**, Guyah, B., & Abong'o, B. (2019). Resistance and susceptibility patterns of S.aureus to vancomycin and linezolid. *International Journal of Research Publications*, 36(1), 1-6.
4. Kiganda, E. O., & **Tuvei, S. M.** (2019). The economic burden of S. aureus colonization among diabetic patients with foot ulcers (DFUs): Case of Vihiga County, Kenya. *Global Scientific Journals*, 7(8), 1395-1403.
5. Kiganda, E. O., **Tuvei, S. M.**, & Malesi, S. (2019). Metabolic syndrome components as a risk factor to the health status of university students in Kenya. *International Journal of Creative and Innovative Research in all Studies*, 2(4), 14-18.

6. **Tuvei, S. M.** (2017). Antimicrobial susceptibility of *S. aureus* to antibiotics used in the treatment of diabetic patients with foot ulcers at Vihiga county referral hospital, Kenya. *Journal of Health, Medicine and Nursing*. ISSN 2422-8419, 41, 1-6.
7. **Tuvei, S. M.**, Guyah, B., & Abong'o, B. (2017). The prevalence of coagulase staphylococci colonization among diabetic patients with foot ulcers at Vihiga county referral hospital, Kenya. *Journal of Advances in Microbiology*, 5(3), 1-8. DOI: [10.9734/JAMB/2017/32826](https://doi.org/10.9734/JAMB/2017/32826)

#### RESEARCH GRANTS

- Awarded USD 1,000 research grant of seed funding from the PRIME-K project to finance my master's research.

#### WORKING EXPERIENCE

<b>Dates</b>	<b>Job title</b>	<b>Organization</b>
<b>2021- Date</b>	<b>Lecturer</b>	<b>Masinde Muliro University of Science &amp; Technology</b>
		<b><u>Duties and Responsibilities-</u></b>
		<ul style="list-style-type: none"> <li>• Teaching undergraduate &amp; postgraduate student</li> <li>• Examination coordinator</li> <li>• Diversity, Equity and Inclusivity (DEI) champion for Biosafety and Biosecurity program</li> </ul>
<b>2019- 2021</b>	<b>Part-Time Lecturer</b>	<b>Kaimosi Friends University KAFU)</b>
<b>2013- 2021</b>	<b>Laboratory Technologist</b>	<b>Maseno University- School of Medicine</b>
<b>2010-2013</b>	<b>Laboratory Technologist</b>	<b>Kenya Medical Research Institute/Centre</b>
		<b>for</b>
		<b>Disease Control (KEMRI/CDC)</b>
<b>2007 - 2010</b>	<b>Laboratory Technologist</b>	<b>Mbale Rural Health Training Centre</b>
<b>July 2006-Nov.2006</b>	<b>Laboratory Technologist</b>	<b>Kenya Utalii College clinic</b>

#### PROFESSIONAL MEMBERSHIP

- Registered member of The Kenya Medical Laboratory Technicians and Technologists Board (KMLTTB)
- Holding KMLTTB valid practicing license.
- IFBA certified Professional (BRM)- LYL520657

#### TRAININGS/ WORKSHOPS ATTENDED

- Professional Certification in Biorisk Management.
- Biosafety/Biosecurity SOP Development Training held on 11<sup>th</sup> and 12<sup>th</sup> April, 2013 at the Rock Motel Resort- Kisumu.
- User Training Course on the BD Bactec™ Blood Culture System BD Bactec™ 9050 held at KEMRI/CDC Lab – Siaya District hospital on 2<sup>nd</sup> June 2011
- Operator Training, Results Interpretation & Trouble Shooting on Beckman Coulter Haematology Analyzer Model Act 5Diff CP held at Malaria Lab Siaya from 18<sup>th</sup> to 19<sup>th</sup> January 2011.
- Laboratory Biosafety and Biosecurity Training held at KEMRI/CDC Kisian Station from 16<sup>th</sup> to 18<sup>th</sup> June 2010.
- Good Clinical Practice (GCP) course held at KEMRI/CDC Kisian Station on 3<sup>rd</sup> June 2010
- Malaria Case Management Training held on 7<sup>th</sup> and 9<sup>th</sup> September, 2009 at Sheywe Guest House, Kakamega hosted by Division of Malaria Control and WHO.

#### COMMUNITY ENGAGEMENT

- Participated in the Mater Heart Run held on Saturday, 23<sup>rd</sup> May 2015 at Booker Academy,

Mumias.

- Participated in the Mater Heart Run held on Saturday, 24<sup>th</sup> May 2014 at Mumias Sports Complex.
- Participated in Malaria Vaccine Trials at KEMRI/CDC from 2010 to May 2013.
- A volunteer laboratory technologist at Provincial Rural Health Training Centre Mbale, Maragoli in 2007.

#### **SKILLS, COMPETENCES AND PERSONAL ATTRIBUTES**

- Good phlebotomy skills
- Computer skills
- Excellent planning and organizational skills
- Great team player
- Honesty and openness

#### **REFEREES**

1. MR. FIDELIS MAMBO

SNR. LECTURER MEDICAL LABORATORY SCIENCES DEPT  
SCHOOL OF PUBLIC HEALTH AND BIOMEDICAL SCIENCES  
MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY  
[fmambo@mmust.ac.ke](mailto:fmambo@mmust.ac.ke)

2. PROF. ROSE KAKAI

LECTURER, MEDICAL MICROBIOLOGY DEPT  
SCHOOL OF MEDICINE  
MASENO UNIVERSITY  
[kakairm@yahoo.com](mailto:kakairm@yahoo.com)

3. DR. SCOLASTICA KORIR

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SCHOOL OF MEDICINE  
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