




MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY
VICE CHANCELLOR'S ROUND UP FOR THE WEEK ENDING,
FRIDAY, 29TH SEPTEMBER 2023

- Masinde Muliro University of Science and Technology (MMUST) scientists led by Dr. Patrick Okoth and Mr. Edwin Mwakio from the Department of Biological Sciences, Dr. Clabe Wekesa from the Max Plank Institute of Chemical Ecology, in Jena, Germany have innovated MLDockKit, which is a machine learning- based toolkit designed for computing Lipinski descriptors. This is a major milestone in the fight against prostate cancer, as MLDockKit anticipates fueling breakthroughs in Prostate Cancer Research and Drug Discovery.
- MMUST has signed Memorandum of Understanding (MoU) with West Media Limited to catalyze research, knowledge-sharing and media growth in the region. On 28th September, 2023, the Vice Chancellor appended his signature on the MMUST-West Media MoU, which is set to change the media landscape in Western Kenya. The aim of the MoU will be to enhance collaboration between the two institutions and provide a framework for implementation of mutual interests in terms of knowledge and expertise.
- MMUST's participation in the Farmer's Field Day and Exhibition at Musembe Technical and Vocational Training Institute has revived talks of collaboration between the two institutions. This took place on Wednesday 27th September, 2023, at the Musembe Institute, formerly known as Lugari Community Resource Centre, in Chekalini ward, Lugari- Kakamega County. The event themed '*Promoting Climate Smart Agriculture and Trade Initiatives for Sustainable Economic Growth*', brought together local farmers, private sector players, students and learners from the neighboring schools, and many other stakeholders. The Chief Guest, the Deputy Vice Chancellor, Planning Research and Innovation, was represented by the Director, AIDS Control, Gender and Disability Mainstreaming Unit.
- The FOIPAL Ltd Director, Mr. Frederick Otswongo had a two-day visit to the Science Park. His first-day visit on 27th September, 2023 on review of the filed Intellectual property coincided with a meeting with Mr. Harun Opande Olwichi member of the community who has developed a modern flashing toilet pit latrine. This is an innovation whose prototype has been developed, and packaged and several of the product developed in partnership for use in a number of schools in Western Kenya. Accompanied by a renowned bio-safety expert Mr. James Sakwa Wakungwi staff who is a staff in the Department of Medical Laboratory Sciences, Mr. Olwichi and Mr. Wakungwi are planning to venture into a partnership that will culminate into proposal development, research, and community outreach towards mitigation of sanitation on the shores of Lake Victoria. A proposal due for submission to the Melinda Gates Foundation with MMUST as a partner in response to the running 2023 call. This will be a great opportunity for the School of Public Health, Biomedical Sciences, and Technology.

I wish you a blessed weekend ahead!

Prof. Solomon Shibairo
Vice Chancellor



Signature



Date