



## USAID Washington DC Mission Visits Faculty of Interdisciplinary Studies



In May 2022, a team from the **United States Agency for International Development (USAID)**, Washington DC visited Mbarara University of Science and Technology, as part of support activities for an ongoing USAID-funded action research project titled 'Understanding the marginalized Indigenous Batwa People of Southwestern Uganda'. The study is aimed at generating evidence on the livelihoods of Batwa indigenous communities living in the districts of Kisoro, Rubanda, and Kanungu in Southwestern Uganda. The research teams are supported by Resilient Network Africa (RAN) at the School of Public Health, Makerere University.

The USAID mission visit to MUST was led by Dr. Margaret Linak the Operations Team Lead for the Innovation, Technology & Research Hub of the USAID Bureau for Democracy, Development, and Innovation. On the visiting team, was Prof. Dwayne Boucaud who is the USAID Contractor for AAAS Science, Technology and Policy Fellow and Policy Adviser Innovation, Technology and Research Hub (ITR). RAN was represented by Dr. Nathan Tumuhamy, Director of Operations and Ms. Harriet Adong, Public Relations Officer (PRO)





Prof. Dwayne Boucaud



Dr. Margaret Linak

The research is funded by USAID through the Uganda Mission Regional Coordination Initiative (RCI) which engages local governments, local universities, researchers, and the private sector as partners in development, implemented under the LASER PULSE, University of Perdue, USA. It's part of a bigger study that investigated the vulnerability of Indigenous peoples in Uganda, involving teams from Mbarara University of Science and Technology (MUST) and Gulu University Constituent College (GUCC) in Moroto who are conducting action research with selected marginalized indigenous groups, these are the Batwa in Southwestern Uganda led by MUST and the Ik, Tepeth, and Karamojong led by GUCC. At MUST, the Principal Investigator is Dr. Viola N. Nyakato and the other team members are **Dr. Rogers Bariyo, Dr. Gad N Ruzaaza, Mr. Hannington Odongo, and Prof. Robert Bitariho**

As part of the visit, the USAID visiting Mission met members of staff of the Faculty of Interdisciplinary Studies (FIS), they appreciated the Student-Community Twinning Project (STP) which was found to be unique and important for relevance and community engagement. **Dr. Linak** commended the learning by exposure component of the STP course.



Dr. Prudence Kemigisha, Dr. Margaret Linak and Prof. Robert Muriisa



L-R Dr. Viola Nyakato, Dr. Rogers Bariyo, Dean FIS, Ms. Angella Nakato MUST-PRO and Prof. Dwayne Boucaud



# Directorate of Research and Graduate Training (DRGT)



L-R Prof. Vincent Batwala Director DRGT, Dr. Viola Nyakato, Prof. Dwayne Boucaud and Dr. Margaret Linak

During the courtesy call at the Directorate of Research and Graduate Training (DRGT), the guests met the Director **Prof. Vincent Batwala** and the MUST Grants Office (MGO) team. **Ms. Jackie Karuhanga** the MGO Manager presented the role and mandate of MGO and their growing experience in the management of the externally funded research projects at MUST. The guests applauded MUST for such an important grants management structure that meets international standards in research grants management. The current MGO grant management portfolio is estimated at over 90 projects funded by different local and international agencies.



Team from MUST Grants Office and Ms. Harriet Adong, RAN (with red carnation)





# Affordable Medical Technologies (CAMTech), Uganda



The team also visited Consortium for Affordable Medical Technologies (CAMTech), Uganda at MUST which is a global network of academic, clinical, corporate, and implementation partners working to accelerate high-quality, affordable medical technology development for low and middle-income countries. **Dr. Data Santarino**, the MUST CAMTech Director, and the team presented the recent innovation products in particular Patient View Auto Syncing (PRISMS) and Augmented Infant Resuscitator (AIR)



Ms. Nuriat Nambogo the Grants manager / Project coordinator CAMTech Uganda. Explaining the CAMTech innovation pathway, the projects at CAMTech



Ms. Nsiimenta Nume the Project coordinator of the Augmented Infant Resuscitator (AIR) project and demonstrating how the AIR device works



# Faculty of Medicine

From CAMTech, the team visited the Faculty of Medicine. They met with the **Dean Dr. Joseph Ngonzi**, the **Deputy Dean, Dr. Jonans Tusiimire**, **Associate Prof. Joel Bazira** and **Sophie Tusingwire** the Faculty Administrator. The Dean gave a brief history of the Faculty, with a focus on the Community Based Education and Research and Service (COBERS) which is the community training for all health sciences students of the Faculty. The COBERS training involves the annual placement of over 500 undergraduate students in lower health facilities in more than 57 local governments, municipalities, and cities in central and southwestern Uganda.



USAID team in the FoM office





# Courtesy call to the Vice Chancellor's office

The team met the Vice Chancellor Prof. Celestino Obua. He welcomed the guests to MUST and thanked the Faculty of Interdisciplinary Studies led by the Dean for hosting the USAID Mission at MUST. "These are high profile Guest and to us we are humbled to host them". Said Obua. The Vice Chancellor shares the successful stories of outstanding researches and Innovation that increased the University's visibility. Particularly he pointed out the Centre for Innovation and Technology Transfer (CITT) which has brought researchers and innovators from different walks of life. He further pointed out the innovations at the Faculty of Applied Sciences and Technology that were in the field of Biomedical Engineering. "This is aimed at promoting affordable Health care in developing countries like Uganda". He shared the need for more support from USAID to further develop research, development, and innovation at MUST for the good of the country and Africa as a whole.



FIS team and USAID delegates for courtesy call in the Vc's office



Prof. Obua put a lapel pin on Prof. Dwayne Boucaud



Dr. Viola Nyakato pins Dr. Margaret Linak



Front row L-R: Dr. Rogers Bariyo Dean FIS, Prof. Celestino Obua VC, Prof. Margaret Linak and Prof. Dwayne Boucaud Back Row R-L. Ms. Adong PRO RAN, Dr. Viola Nyakato Ms. Faith Mugabi and Ms. Angel-la Nakato MUST PRO.



# Faculty of Applied Sciences and Technology (FAST)

The visitors were welcomed to the Faculty of Applied Sciences and Technology by the **Dean Dr. Johnes Obungoloch**, they met with members of staff, visited different laboratories and projects. Johnes thanked the delegation for accepting to visit the Faculty. ‘When we saw the announcement of **Prof. Dwayne Boucaud** visiting FIS but with a background of Biomedical Sciences, we immediately picked interest, thank you for accepting to come to FAST’.

The Dean further shared other ongoing projects in the different departments of the Faculty. Johnes and his team later visited the MRI laboratory.



Eng: Ivan Muhumuza explaining the photo Kabada project



Dr. Eng. Obungoloch explaining the Lowfield magnetic Resonance Imaging (MRI) system



We congratulate the Faculty of Interdisciplinary Studies upon hosting such a high profile delegation and for deciding to visit other faculties, units, programs, and projects. This was a humble gesture to learn from.





The team in the Biotechnology Laboratory

On May 6, 2022, Mbarara University of Science and Technology (MUST) hosted a team from the Ministry of Science, Technology, and Innovation (MoSTI) in relation to “Structuring the R&D Ecosystem of the Pathogen Economy: Opportunities for National Socio-Economic Transformation” project. The main goal of the project, which is part of the Presidential Initiative on Epidemics (PRESIDE), is “to conduct data-driven analysis of Uganda’s Pathogen Economy towards addressing bottlenecks to industrialization”.

The team from MoSTI was accompanied by **Prof. John Kaneene** a world-renowned expert in Epidemiology and vaccine development. John is a professor in the department of large animal clinical sciences, Michigan State University, USA. <https://cvm.msu.edu/directory/kaneene>.

The team was received on behalf of the university by **Prof. Robert Tamukong**, **Assoc. Prof. Joel Bazira** and PHARMBIOTRAC staff led by **Prof. Patrick Ogwang**, the PI who shared insights into the journey of PHARMBIOTRAC thus far.



Ms. Brenda Nakazibwe briefing students about Pathogen Economy



Mr. David Nkwangu explaining to Prof. John Kaneene the activities in the analytical laboratory



The team picked interest in MUST following the recent growth in research and innovations by both students and staff of the University. **Prof. John Kaneene** and the MoSTI team purposely visited to evaluate MUST's potential for Research & Development (R&D) of drugs.

They inspected the Animal Research Facility, PHARMBIOTRAC Biotechnology Laboratory, Clinical Pharmacy Skills lab in the department of Pharmacy, Pharmaceutical Analytical Laboratory, and the Clinical Research Laboratory at the Town Campus

Then in Kihumuro, the team inspected the PHARMBIOTRAC Medicinal Garden, PHARMBIOTRAC Production Laboratory, PHARMBIOTRAC ultramodern boardroom and PHARMBIOTRAC Museum of Biopharmaceutical incubation products.

**Ms. Brenda Nakazibwe** the Program Coordinator of (PRESIDE) said that the objectives of the visit were mainly to:

- Review the current R&D system and structures to identify strengths, gaps, threats, and opportunities relevant to industrialization of the Pathogen Economy value chain.
  - To learn from R&D models that other countries are using for industrialization.
  - To lay a foundation for the national R&D system that addresses identified gaps.
- She added that the main activities that they would carry out included:
- Reviewing of R&D systems and curating information relevant to defining a local system
  - Using outputs from objective 2 to propose and draft an ideal formula, structure, system, and process to establish the Ugandan Pathogen Economy.
  - Superimposing the current Ugandan system onto the ideal to identify the overlaps and gaps.
  - Site visits of Uganda's Pathogen Economy infrastructure.

Ms. Nakazibwe extended regards from the Minister of Science, Technology and Innovation, Hon. Monica Musenero and thanked the MUST team for receiving them on such short notice.

**Prof. Kaneene** commended the MUST team for the great input on research and innovation as well as her unique community engagement programme that ensures research and innovation trickles down to the community. He concluded by pledging support to the R&D efforts of the University.



Prof. Kaneene in the animal research facility



Prof. Kaneene and team visit pharmaceutical analysis laboratory



Mice under experimentation



# Brief about PRESIDE

The geographical location of Uganda makes her vulnerable to pathogens, arising from both internal and external sources. In the past, Uganda has successfully responded to the concomitant epidemics using imported response tools. However, this approach was challenged by COVID-19 as most countries prioritized their domestic needs. Subsequently, Uganda was left bare-handed, with limited access to key response tools, and this led to adverse health, security, and economic threats. To curtail these threats, **H.E Yoweri Kaguta Museveni**, in March 2020, directed the Prime Minister to work with **Dr. Monica Musenero Masanza**, the Senior Presidential Advisor on Epidemics (SPADE) to set up a mechanism for fast-tracking (R&D) toward local development of essential response tools. This directive resulted in the creation of the Presidential Scientific Initiative on Epidemics (PRESIDE), a multi-disciplinary scientific platform to coordinate and support strategic interventions against COVID-19 pandemic and other epidemics. The Pathogen Economy has enormous market value, estimated at USD 1.7 trillion dollars.





# @ 48 years we shine brightest



On May 9, 2022, the **Vice Chancellor Prof. Celestino Obua** represented, Mbarara University of Science and Technology at the **48<sup>th</sup> anniversary of Cuba- Uganda relations**. MUST was named as the leading bilateral project at the event. Mbarara University of Science and Technology has greatly benefited from the relationship, since 1989, making it 33 years of the partnership Said Obua According to the Ambassador of Cuba to Uganda, Rwanda, and Burundi **H.E Dr. Tania Perez Xiques**, the partnership with MUST was the leading bilateral cooperation project. This was initiated by **H.E Yoweri Kaguta Museveni**, the President of the Republic of Uganda, who requested the then President of Cuba **H.E Fidel Castro** to support Uganda in her cause to promote Science and Technology. Castro supported Uganda/MUST by sending Cuban Professors to work and skill human Resource in Uganda.

They worked closely with the then **Vice Chancellor Prof. F.I.B Kayanja** to start Faculty of Medi-

cine with four Cuban Professors. Since then, Cuba has continued to send Professors in different departments under the Faculty of Medicine.

**H.E Dr. Tania Perez**, thanked the current Vice Chancellor Prof. Celestino Obua for welcoming the Cuban team on April 13, 2022 which gave insights of all the contributions by the Cuban professors. She further appreciated the current Cuban team at MUST that included: (**Professors: Carlos Manuel Cabrera Dreque, Yarine Farardo Tornes and Silvia Lopez Miranda**)

She added that the continued support by the Cuban expatriates has benefited both Ugandans and Cubans. This is because they have experienced professional and personal development as well as giving back to Ugandans.

The two countries have supported each other on international issues. Such as Uganda has unconditionally supported the struggle of the Cuban people against the economic, commercial, and financial blockade imposed by the United States among other issues.

The Ambassador concluded by calling upon the two Governments to celebrate the new anniversary with the commitment to continue working relentlessly for the well-being of Uganda and Cuba.



# Sleep in Peace Prof. Mete



In September 2018, MUST together with the Uganda Police Force and Cukurova University held a stakeholders meeting in respect to starting Forensic Science at MUST.

However on May 14 2022 the **Vice Chancellor Prof. Celestino Obua** received sad news of the passing of Prof. Mete who was the team leader from Cukurova University.

**Prof. Dr. Mete Korkut** Gulmen MD., PhD, was the Head of Institute of Forensic Sciences & Addiction Cukurova University / Adana / Turkey.

Our sincere condolences to Cukurova University and Prof. Mete's family.

**May the soul of Prof. Mete Rest in Peace.**





# MUST Emergency Medicine Department to Receive Collaborative Support



The Strengthening Health workforce Capacity through Global Learning (SCALE) Programme <https://uukha.org/scale/> is a collaborative health workforce development Programme between Ministry of Health and National Health Service (NHS), Health Education England (HEE) and coordinated through Uganda UK Health Alliance (UUKHA). It is a specialty and subspecialty clinical training Programme that is currently focusing on 4 priority areas: critical care, maternal fetal medicine, neonatology, and Emergency Medicine.

The implementation will be in 3 phases: a virtual phase for clinical grand rounds, placement of Ugandan fellows into the NHS and the placement of UK fellows in Uganda.

It is upon this background that on May 17, 2022, a team from the UK SCALE EM partner, and the Royal College of Emergency Medicine (RCEM) carried out a scoping visit to the Mbarara University of Science and Technology and Mbarara Regional Referral Hospital. This was to establish the gaps and how they can contribute to the development of the emergency medicine training and service delivery in Mbarara and Uganda as a whole. These were welcomed by the Dean Faculty of Medicine **Dr. Joseph Ngonzi**, his **deputy Dr. Jonans Tusiimire** and **Dr. Prisca Kizito HOD**, Emergency Medicine and the President Emergency Care Society of Uganda (ECSU). These were accompanied by Drs. Bagonza Kenneth and Justine Athieno both Emergency medicine physicians. The RCEM team was led by **Andrew Fryer** (International Manager), **Victoria De Witt** (International training coordinator) and **Dr. Derek Harborne** (Proprietor of the Emergency Medicine Programme at MUST and member RCEM). The team was joined by **Helen Slattery** (HEE) and coordinated by **Dr. Henry Muwonge** (Country Lead UUKHA).

In meetings with Dr. Joseph Ngonzi, Dr. Jonans Tusiimire and Dr. Celestine Barigye, the Hospital Director, the team expressed their commitment to continue supporting and improving the virtual grand rounds as well as establishing pathways for bilateral exchange of EM workforce through collaboratively agreed models. RCEM has further committed to support research by faculty through supporting their grant applications.

The team was very impressed with the level of organization of the EM department at the University and remarkably commended the setup of the simulation lab and the residents training sessions.



# MUST represented at the World Higher Education Conference in Barcelona, Spain



UNESCO World Higher Education Conference (WHEC2022) aims at reshaping ideas and practices in higher education to ensure sustainable development for the planet and humanity.

In the view of the global health crisis, UNESCO World Higher Education Conference, initially planned to be held in 2021, took place from 18 to 20 May 2022. The goals and strategic scope of the conference remain, and the new time frame represents an opportunity to deepen and expand our common efforts of knowledge production, policy dialogue, exchange, and networking. UNESCO considers the process of collective construction as the greatest richness of this conference, which aims to become a global conversation nurtured by diverse narratives on higher education.

Mbarara University of Science and Technology participated in the World Higher Education Conference (WHEC) 2022 held in Barcelona, Spain. **Dr. Medard Twinamatsiko** from the Faculty Interdisciplinary Studies and Deputy Director CITT and **Dr. Dorothy Okello** -Dean College of Engineering Makerere University and a member of MUST Senate represented Uganda.

Dr. Twinamatsiko was part of a panel of experts during the conference on higher education and higher innovative skills. He articulated a need to link our curriculum implementation and training to the current labour market demands. He revealed the strength MUST has in linking students to the community and industry for exposure.



He further presented on the pathways for Technical and Vocational Education Training (TVET) and Higher Education Skills needed by the current Uganda labour market.

Medard is the institutional coordinator for the UNESCO-CFIT project titled “Higher Technical Education for an Innovation and Technical Labour Force. The project aims at strengthening the capacity of MUST to deliver quality education relevant to the labour market.

The conference brought together 2000 expert participants such as Ministers, commissioners, UNESCO executive, World Bank representatives, representatives of OECD, educationists, researchers, donor agencies and private sector across the globe to discuss the future of higher education in Africa.



Dr. Medard extreme left with other panelists



# Annual Cancer Color Run: Give hope to every child with cancer.



Mbarara University of Science and Technology (MUST), Mbarara Regional Referral Hospital (MRRH), Global Health Collaborative (GHC) and Massachusetts General Hospital (MGH) are organizing the 6th annual Uganda Cancer Color Run, a marathon that will take place on **24th July 2022**. The theme for this year is “Give hope to every child with Cancer”

The aim of the event is to create awareness in the community about cancer in children and the need to seek early treatment, available at Mbarara Regional Referral Hospital, in South-western Uganda. In addition, the run aims to raise funds to support the care of children with cancer. Our target for this year is 1000 runners, aiming to raise five million Uganda Shillings.

**Dr. Kumbakumba Elias**, the Head, Department of Pediatrics and Child Health reports that over the last five years, the runs have yielded a lot of successes. MRRH is the only center that manages childhood cancers in western and south-western Uganda. An 18-bed capacity paediatric cancer ward was built and opened in May 2017. Full board care is provided to over 150 children newly diagnosed with cancer, and over 500 children are currently in care. The facilitation of staff at the Pediatric oncology clinic, (pharmacists, nurses and Pediatric oncology specialists) ensures there are highly trained, well-motivated staff to care for children with cancer. The cancer survival rate has now doubled to 50%. A lot of research is now taking place in the cancer services. A big thank you to all our partners, organizations and individuals that have contributed towards this noble cause over the years.

Dr Kumbakumba urges us to support and participate in this year’s run by buying marathon T-shirts in the category of 20,000 Uganda Shillings for the round neck T-shirts, polo shirts at 30,000 Uganda Shillings and taking part in **5km marathon on 24th July 2022**. In addition, cash contributions and other forms of support are welcome.

The selling centres for T-shirts are Mbarara Regional Referral Hospital Paediatric Ward, Golf Course Super Market, Global Health Collaborative offices at TASO, Public Relations Office at MUST. More centres TBC

**For more information, call/whatsapp Dr. Kumba on 0771895971 and Rhina on 0775404744.**







# International Nurses' week theme: Invest in Nursing: Respect Rights to secure Global Health

MUST joined the rest of the world to celebrate the Nurses' week. For more details kindly checkout link below:



 **Mbarara University of Science and Technology**  
**CELEBRATES INTERNATIONAL NURSES' WEEK**

**THEME:**  
Invest in Nursing: Respect Rights to secure Global Health.  
MUST celebrates all Nurses around the world.  
*Let us make a difference with our Hands, Heads and Hearts.*

Academic Registrar Help Desk: 0414 668 971 Dean of Students Help Desk: 0393 225 293

MbararaUniversity  @MbararaUST  Mbarara University of Science and Technology

## The Nursing Department at Mbarara University Celebrates Nursing Week...

As the world celebrates the International ...

[www.must.ac.ug](http://www.must.ac.ug)

<https://www.must.ac.ug/the-nursing-department-at-mbarara-university-celebrates-nursing-week/>





“Nurses are the heart and backbone of health care. Without them we cannot stand tall in hospitals”.  
Happy Nurses Week.

**Prof. Celestino Obua Vice Chancellor**



Nurses makes us feel special. They are the patient’s 1st and perhaps the last line of defense”.  
Let us celebrate them.

**Dr. Martha Kyoshaba Twinamasiko  
Academic Registrar**



“Mental health is invisible and women with suicidal thoughts can appear normal and healthy but with detrimental effects to the newborn, family, and society at large. A Nurse, I intend to have a voice for women through research activities that have exposed the current silent pandemic” “Maternal depression”.

**Catherine Atuhaire MUST faculty**



“Nurses are core healthcare cadres in medicines management & administration. They are the last check in medicines administration. Therefore, they are key personnel in the efforts to reduce medication errors, report adverse drug reactions

and fight against the silent pandemic of antimicrobial resistance. My focus is on helping nurses offer quality medicines services to their patients through R&D of innovations that are fit for purpose”.

**Hanifah Nantongo MUST faculty.**



” Surgical care nurses help to alleviate the patient’s pain, and anxiety by providing the needed psycho-social support and care during and after surgery.”  
Happy Nurses’ Week to all Nurses

**Beebwa Esther MUST faculty**



“Critical care focusses on caring for patients with life threatening conditions. It is the care from a skilled and dedicated nurse that makes the biggest difference in outcomes

among critically ill patients. I’m proud to be a critical care nurse”

**Valence Niyonzima MUST faculty**





## My Pride is being My best.



I am a nurse; I became a nurse because I chose to. I work to maintain my client's dignity, through intimate moments, difficulty long-term decisions and heart break of moments.

I share in the joy of the newborn babies and miraculously cured disease

I share in the heartbreak of a child taken too soon, a disease too powerful, a life changed forever. My patient is often an entire family.

The joy of the newly born babies, and the heartbreak of a child taken too soon.

I assess and advocate. Sometimes I wipe bottoms, give meds, but that isn't the extent of what I do

I chose a profession I love with every moment of it

I know I am not alone; I appreciate all nurses work alongside me. Many have shaped me into a nurse I am. someday I will shape others into this nurse they will be.

This was not my plan B but rather my plan A. Given another chance I would gladly choose it again and again.

**By Josephine Najjuma MUST faculty**



# NO MORE BACK PAIN



The Department of Physiotherapy led by **Mr. Herman Kazibwe** in collaboration with the School of Public Health, Physiotherapy and Sports Science from the University College Dublin (UCD) in Ireland led by **Assoc. Prof. Cliona O'Sullivan** are implementing a research project called BACKTRACK to develop a technology enabled care pathway that will empower clinical officers in Uganda to deliver first line primary care for back pain. With 47% of persons suffering with low back pain in Uganda, BACKTRACK will go a long way to support the management and care of back pain. Below is a summary of what the project is about.

**Challenge:** Reducing the burden of back pain using technology enabled care pathways.

**Solution:** The solution comprises the development of a digital clinical decision support system (BACKTRACK APP) that enables clinical officers to safely identify back pain cases that are amenable to self-management, assist the health worker in dispatching evidence-based self-management advice and identify those cases that should be referred on-wards for specialist assessment and interventions.

**Team:** **Herman Kazibwe, Zillah Whitehouse, Jerome Kabakyenga**, Mbarara University of Science and Technology, **Cliona O'Sullivan, Paul Harscouet, Cailbhe Doherty, Brian Caulfield**, University College Dublin

**2 Phases:** Concept Phase (February-June 2022), Seed Phase July 2022-July 2023.

MUST has a formal partnership with University College Dublin (UCD) in Ireland and signed an institutional Memorandum of Understanding in March 2020 focused on strengthening the relationship between UCD and MUST staff and students, by promoting intellectual exchange, joint learning and research initiatives and joint clinical experiences for students with the intention of strengthening rehabilitation in global health. This is a relevant area considering that injuries resulting from trauma are a big challenge making rehabilitation as a major focus.

In augmenting more support to MUST, **Mr. Herman and Prof. O'Sullivan** met the Irish Ambassador to Uganda H.E Kevin Colgan who after discussions offered two scholarships per year for MUST students to study Master of Science in Physiotherapy from University College of Dublin. This is aimed at increasing the number of graduates and in medium term ably start a master's program that would be the first in the East African Region. Succeed we Must!

Practical session during the training



facilitator demonstrating how to deal with pain relief



# MUST Alumni in the NEWS

## Toutes nos félicitations : FAST alumnus wins an International Scholarship



During the 28th MUST graduation the Chancellor **Prof. Charles Mark Lwanga Olweny** urged graduates to maintain the MUST Reputation. Not before long, **Ms. Moreen Ninsiima** one of the graduates of the 28th graduation ceremony under the Bachelor of Petroleum Engineering and Environmental Management was selected for a master's scholarship co-sponsored by Schlumberger and the Embassy of France in Uganda. Moreen was one of the Top students in the Faculty of Applied Sciences and Technology with a first-class honors degree, CGPA 4.5. Moreen is going to major in the field of Energy Engineering in France, this will be for the next two academic years. Special thanks to Schlumberger and the Embassy of France for identifying a MUST STAR, to Maureen, congratulations and the MUST community wishes you the best in your career. Go fly the MUST Flag Higher.



Moreen at the 28th graduation of MUST



# Arua carries the Ugandan/MUST Flag in the USA Army



In 2011, **Arua Ceasor Olwit**, graduated with a Bachelor Degree in Development Studies in the Faculty of Development Studies, now Faculty of Interdisciplinary Studies. Arua has since then pursued several careers that include Master of Science with a major in Peace and Development work from Linnaeus University, Sweden and a Master of Health care Administration from Austin Peay State University, USA. SPC. Arua is currently a soldier with the United States Army and works as a Patient Administration Specialist with the medical detachment unit. Recently, Arua was appointed to be part of the brains that medically prepare American soldiers for their different missions across the world. We congratulate you SPC. ARUA We wish you well in this journey.



# Mentored and groomed at the Faculty of Science. Dr. Oliver is celebrated as the youngest PhD in Makerere University



In 2010 **Oliver Nabawanda** Joined MUST to pursue her bachelors' degree in Science Education. This was not her first choice of application but she chose to go with what the University had offered. Despite the advice from family and friends to drop the offered programme she stuck to that. "I wanted to go for Pharmacy, but when life gives you lemon you make lemonade". Said Olivia.

She added that her decision made sense to all those who were advising her to go for another programme when her father, passed on in the second semester of the first year.

At 31 years, Dr. Olivia becomes a Mathematics Icon celebrated by many. This is a field many women would not dare take on, not even my lecturer at PhD Level believed that. She described her PhD Journey as one that needed hard work

determination and love for what you are doing. "I was blessed, my Lecturers were very supportive, and I felt favored sometimes" Nabawanda said

Dr. Nabawanda started her academic journey at St. Bruno Kan-

juki R/C primary school. She later joined Kanjuki Secondary School for her Secondary School.

She scored 18 points and was admitted at Mbarara University of Science for a Bachelors Degree of Science with Education

On completion of the Bachelors Degree, Dr. Nabawanda enrolled for her masters in Ghana where she won a scholarship from the African Institute for Mathematical Sciences specifically targeting female students. Upon her return to Uganda, she went back to Mbarara University of Science and Technology as an alumna where she was hired as a part-time lecturer of Mathematics.

It is upon her return that another scholarship opportunity under the Swedish International Development Cooperation Agency (SIDA) at Makerere immediately presented itself to which she was an eligible candidate. Currently, Dr. Olivia Nabawanda is a lecturer in the department of Mathematics at Mbarara University of Science and Technology.

Congratulations Dr. Olivia Nabawanda, thank you for speaking voices about your alma-mater MUST. To the Faculty of Science, thank you for Mentoring an Icon, spoken about in the country and beyond.





# Research Ranking in MUST

Communities at MUST, as per 5/4/2022 total 1473 vs 10/05/2022, total 1645

Community	Number of Publications in March	Number of Publications in April	Number of Publications in May
Central Administration	60	66	66
Faculty of Applied Sciences and Technology	25	30	36
Faculty of Business and Management Sciences	17	41	41
Faculty of Computing and Informatics	73	76	86
Faculty of Interdisciplinary Studies	107	107	107
Faculty of Medicine	663	879	993
Faculty of Science	203	204	211
Institute of tropical Forest and Conservation	77	88	89
Maternal Newborn and Child Health Institute	10	18	16
Total	1235	1503	1645

## Individual Ranking April 2022

	Name	No of Publication-March	No of Publication April	No of Publication May
1	Dr. Francis Bajunirwe	107	111	115
2	Dr. Conrad Muzoora	31	37	102
3	Dr. David Bangsberg	38	50	82
4	Assoc. Prof. Joel Bazira	63	75	78
5	Dr. Joseph Ngonzi	43	70	76
6	Dr. Haberer, Jessica	27	38	59
7	Dr. Siedner, Mark J	30	38	58
8	Dr. Robert Bitariho,	26	56	57
9	Prof. Celestino Obua	43	52	53
10	Hunt Peter			47
11	Dr. Angella Musiimenta	35	45	46
12	Dr. Samson Okello	31	44	45
13	Dr. Scholastic Ashaba		42	44
14	Tsai Alexander	35	42	43
15	Prof. Nixon Kamukama		41	41
16	Martin Jeffrery			41
17	Atukunda Esther C			21
	Atukunda Esther Cathlyn	20	20	20
				41
18	Dr. Edwin Nuwagira	08	36	40
19	Rhein Joshua			33
20	Musinguzi Nicholas			32



NB. We encourage consistency of names when publishing. This helps us have the right records with the individual ranking. We also encourage individuals to share links of their publication, as the computing services team is working out an automatic system to capture the different publishers from the different sites. For this and more please go to the link: [ir@must.ac.ug](mailto:ir@must.ac.ug) congratulations to our researchers.

# 28th Graduation of MUST

May 28, 2022. the University held the 28th graduation at the main campus in Kihumuro. A special edition in relation to the event was published on:

<https://www.must.ac.ug/downloads/newsletter/SPECIAL%20EDITION%202.pdf>.

Below are some of the messages from the MUST community to the graduates.



## MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY

**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022



Without support from the Government of Uganda and the tireless efforts of the MUST faculty, we would not be celebrating the 28th graduation ceremony. I thank you for your dedication and commitment that have brought smiles to our graduates

To the graduates, I trust you have the right armor to face any community. We celebrate your success.

**Prof. Celestino Obua**  
Vice Chancellor

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MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY - OFFICIAL @MUSTUG22

Succeed With MUST



## MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY

**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022



I wish to congratulate all graduates, upon the successful completion of their Programmes.

"MUST is well known for outstanding alumni at National and international level, and ought to maintain the reputation. Congratulations to you all".

**The Chancellor,**  
**Prof. Charles Mark Lwanga Olweny**

P.O. Box 1410, Mbarara Uganda  
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ir@must.ac.ug | www.must.ac.ug

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Succeed With MUST



## MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY

**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022



The chairman MUST convocations, executive and all alumni wish to congratulate all graduates of the 28th congregation. "If you want to be the best, you have to do what others are not willing to do." Congratulations, and welcome to the MUST alumni Community

**Hon. Dr. Nicholas T. Kamara**  
Chairman MUST convocation

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## MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY

**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022



"Go into the world and do well. But more importantly, go into the world and do your best" The Chairman University Council and the entire University Council body congratulate all graduates of the 28th congregation

**Dr. Warren Naamara**  
Chairman University Council

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## MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY

**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022



Congratulations to all the graduates of the 28th graduation. Steve Jobs said, "You cannot connect the dots looking forward; you can only connect them looking backward. You have to trust that the dots will somehow connect in your future." I ask you to look back and see what MUST has given you and the future will be bright.

**Mr. Wilson Adriko**  
Ag. University Librarian



## MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY

**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022



Dear graduates, as we celebrate your success allow me share the words of Nelson Mandela who once said, "Education is the most powerful weapon we can use to change the world" MUST has given you the necessary and powerful weapons, go start today not tomorrow. Congratulations

**Prof. Noixon Kamukama**  
Deputy Vice Chancellor Academic Affairs





# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

You are done with this project. You are embarking on a totally different one. This new project calls for different weapons. Continue to beat the best to be the best.

**Prof. Charles Tushabomwe-Kazooba,**  
Deputy Vice Chancellor,  
Finance and Administration

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# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

I take this opportunity to congratulate all the graduates of the 28th congregation. Thank you for inspiring the students to focus on their goals in schools. Lynda Field, said "People who achieve their goals do so with passion, planning, persistence and purpose." You did and now you are celebrating. Once again, I congratulate you upon this milestone

**Jastus Mugenyi Kizito**  
Guild President

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# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

Congratulations to all graduates of the 28th congregation of MUST. ICT is an enabler for all pillars of development. Graduands from FCI, have been equipped with excellent ICT skills. Go out and make communities develop.

**Everest Nabaasa**  
Dean Faculty of Computing and Informatics (FCI)

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# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

There are few things more liberating in this life than having your worst fear realized. Today I tell you that whether you fear it or not, disappointment will come. The beauty is that through disappointment you can gain clarity, and with clarity comes conviction and true originality ... Work hard, be kind, and amazing things will happen. Congratulations to all graduates

**Dr. Fredrick Nsambu Kijambu**  
Dean Faculty of Business and  
Management Sciences

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# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

Congratulations to all graduates of the 28th congregation. I urge you to use the knowledge and skills that you have acquired from MUST to transform your communities. Succeed you MUST.

**Dr. Rogers Bariyo**  
Dean Faculty of Interdisciplinary Studies

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# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

We are all ready for the world. The love for our alma-mater is unstoppable. The skills learnt from MUST have given us courage to face the world

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# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

If you can be the best at everything you do, and be happy, you will achieve more than expected. I urge you to run your race following your dreams. Congratulations to all our graduates of the 28th congregation.

**Mr. Melchoir Byaruhanga**  
University Secretary

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# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

Congratulations upon the successful completion of your degrees and diplomas. You have been so dedicated; it is time to feel proud. May this be the steppingstone for your future endeavors

**Prof. Julius Lejju Bunny**  
Dean Faculty of Science

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# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

I would like to congratulate all graduates of MUST especially those from the Engineering Faculty. As you go out, the community will be more interested in the human face you dress your engineering into than the engineering itself- serve humanity, that is what will be memorable

**Dr. Johnes Obungoloch**  
Dean Faculty of Applied Sciences and Technology

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# MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY



**28<sup>TH</sup> GRADUATION CEREMONY**  
28th May 2022

It is always an exciting moment to witness the graduates celebrating their success, and to be associated with the process that defined their journey through the University. To the parents, guardians, and sponsors, I congratulate and thank you for the worthy support. To the graduands, the journey to success continues and best wishes for success in your subsequent endeavors.

**Mr. Emmanuel Kyagaba**  
Dean of Students

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## UPCOMING EVENTS



MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SUCCEED WE MUST

**29TH JUNE 2022**

**BlmS-NCDs**  
Building Capacity for Implementation Science in Non Communicable Diseases

**TIME**

**3:00PM E.A.T**



ID: 976 0653 8257

**PROJECT LAUNCH**





Consortium for Affordable  
**MEDICAL TECHNOLOGIES**  
in Uganda

**CAMTech**  
Uganda

IDEATE INNOVATE CO-CREATE ACCELERATE

CAMTech Uganda's mission is to build entrepreneurial capacity and accelerate medical technology innovation to improve health outcomes in low and middle income countries. CAMTech Uganda has more than 10 years of human centered design experience applied to solving different health challenges. It's multidisciplinary innovation ecosystem has resulted in many non-patented and patented health solutions. CAMTech Uganda follows a challenge-based innovation pathway. The purpose of this competitive call for health challenges is to curate pressing health problems hindering attainment of good health and wellbeing.

**CALL FOR HEALTH CHALLENGES**

This call is open to Organizations, individuals and teams. When applying as a team, we recommend that teams should be composed of 3-5 members who are passionate about the health challenge. Applicants are encouraged to include contact information. If possible, this will facilitate follow-up. Persons interested in highlighting challenges but desire not to be followed up for further details, if needed, are welcome not to include their contact details.

All challenges submitted will be rated for impact against attainment of the United Nations Sustainable Development Goals (SDGs).

**Apply Now:** <https://bit.ly/CAMTechChallenges>

**CONTACT US**  
Email: [camtech@imst.ac.ug](mailto:camtech@imst.ac.ug)  
Phone: +256782883577  
Website: <http://camtechuganda.org/>

Logos: CAMTech UGANDA, MUKWAGI SCIENTIFIC CENTRAL HOSPITAL, CHINSA HEALTH, and others.

COMMUNITY OUTREACH TO NAKIVALE  
**UBUNTU PROJECT**  
DATE **16TH JULY, 2022**

MUKWAGI UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SUCCEED WE MUST

MUKWAGI UNIVERSITY NURSING STUDENTS ASSOCIATION  
**MUNSA**  
CHOSEN TO CARE

**THE NATIONAL NURSES' CHALLENGE**

**THEME:**  
Invest in Nursing and respect rights to secure global health

**DATE:**  
FRIDAY, 15TH JULY 2022

**VENUE:**  
PHARMACOLOGY LECTURE THEATRE [MUST]

Logos: MUKWAGI UNIVERSITY, MUNSA, and others.

June 30 and July 1, 2022

**Epicentre Uganda's TB research dissemination workshop**

Logos: epicentre, MIU-JHU CARE LTD, THE REPUBLIC OF UGANDA, and others.

## EDITOR



Compiled by Angella Nakato Muyingo: PRO. Proudly sponsored by the Vice Chancellor's Office