

NEW OFFICE BEARERS

Dr. Prisca Mary Kizito New HOD Emergency Medicine Department



Dr. Prisca Mary Kizito has been appointed the acting **Head of the Department of Emergency Medicine**. Prisca was one of the five pioneer Emergency Medicine Specialists / Physician trained at Mbarara University of Science and Technology (MUST) and becomes the first Ugandan to head the Emergency Medicine Department. **She is an Assistant Lecturer at MUST**, nurturing the principles of EM among postgraduate and undergraduate medical students and doubles as an Emergency Physician at Mbarara Regional Referral Hospital. Prisca is Trainer of Trainers (ToT) for several Emergency care courses under Ministry of Health, Uganda which include Disaster Medicine & Major Incident Management, Bedside Ultrasound, COVID-19 management, Basic Emergency

Care (BEC) course under WHO. She is an Advanced Life Support (ALS) Instructor of the European Resuscitation Council.

Dr. Kizito is the President of the Emergency Care Society of Uganda (ECSU), a group that unites the different cadres, enthusiasts and associates of emergency care in Uganda. Previously, she served as the Coordinator of the Training Committee for ECSU and Treasurer of Doctors in Emergency Medicine and Leadership Training in Africa (DELTA)- an AFEM subgroup affiliated to the African Federation of Emergency Medicine (AFEM).

She spent her early career years working at the Infectious Diseases Institute (IDI), Makerere University College of Health Sciences as a clinical care provider and research coordinator. She has special interests in medical education, research, bedside ultrasound and tropical medicine. She has received 3 research related awards. She belongs to Rotary Club of Kampala 7 Hills As Prisca follows in Dr Derek Harborne's footsteps, she hopes to grow the Emergency Medicine programme to international recognition and become a benchmark for other institutions.

RESEARCH INTEREST: She is interested in:

1) Point of Care ultrasound - Utility, efficacy and supporting innovations

- 2) Tropical Diseases – Epidemiology and role of Emergency Care
- 3) Medical Education in the "new normal", specific to emergency medicine
- 4) Noncommunicable Diseases in the Emergency Department

TARGETS AS HEAD OF EMERGENCY MEDICINE

- 1) To produce Emergency Medicine Specialists who are internationally recognized and competent in providing lifesaving Emergency Care
- 2) To establish networks with educational, professional, and community institutions by establishing MOUs.
- 3) To maintain old and establish new local and international partnerships
- 4) To lobby for more financial and physical support from the university and Mbarara Regional Referral Hospital towards EM students and Faculty
- 5) To increase awareness of research funding and publication opportunities to the students and faculty of EM
- 6) To effectively represent EM at different committees of the Faculty of Medicine and University as a whole

Prisca's EDUCATION Background

- 1) Master of Medicine in Emergency Medicine (Honors), Mbarara University of Science and Technology, Uganda.
 - a. Point of Care Ultrasound Utility (dissertation)
 - b. Clinical affiliate: UCT -Stellenbosch University, Cape Town and Mitchel's Plain District Hospital
- 2) East African Diploma in Tropical Medicine and Hygiene, London School of Hygiene and Tropical Medicine
- 3) MBChB (Honors), Makerere University, College of Health Science



Dr. Prisca Demonstrating How to do Cardiopulmonary Resuscitation (CPR)

Dr Bbosa Elected Deputy Dean, FAST.



Dr. Denis Bbosa, a Senior Lecturer and formerly the Ag. Head of Department, Mechanical and Industrial Engineering has been elected the **Deputy Dean of the Faculty of Applied Sciences and Technology (FAST)**, Mbarara University of Science and Technology (MUST). While heading the Department of Mechanical and Industrial Engineering, he was instrumental in the development of the curricula for Bachelor's degree in Mechanical & Industrial Engineering, Master's in Industrial Engineering, a Master's in Mechatronics, and Ph.D. in Mechanical Engineering.

Dr. Bbosa, inspired by Prof. Noble E. Banadda (RIP), attained his PhD at 29 years. He has accumulated years of experience in consultancy, lectur-

ing, and research & development. He is a co-founder and director of Ingeniosite Engineering Consults Ltd. Denis was awarded a teaching excellence award by Iowa State University (USA) in 2016 and has been involved in different projects related to renewable energy, cooking stoves, irrigation, boreholes, energy audits & efficiency, post-harvest engineering. Denis has collaborated and partnered with international researchers like Prof. Mark Mba-Wright (USA), Prof. Robert Brown (USA), Prof. Thomas Brumm (USA), Prof. Carl Bern (USA), Prof. David Wood (Canada), Prof. Markus Mueller (UK), Dr. Micheal Lubwama (Uganda), Prof. Noble E. Banadda (RIP, Uganda), to mention a few. Dr. Bbosa holds:

A Ph.D in Mechanical Engineering, Iowa State University (ISU), Ames, Iowa, USA.

A MSc: Engineering: Energy Systems Engineering, ISU, Ames, USA.

A MSc: a) Agricultural and Bio systems Engineering, b) Bio renewable Resources & Technology, ISU, Ames, USA.

A BSc: Agricultural Engineering (First-class honors), Makerere University Kampala, Uganda.

TARGETS AS DEPUTY DEAN

- 1) To spearhead the establishment of different Centres of Excellence at FAST.

- 2) To establish networks with educational, professional, and community institutions by establishing MOUs.
- 3) To establish partnerships with the business community within and outside Uganda.
- 4) To lobby for more financial support from the university and other partners, to enable us grow at FAST.
- 5) To develop a Strategic Plan for FAST and push the faculty to become number one in East Africa.
- 6) To increase exposure and awareness of research funding opportunities to FAST staff.
- 7) To effectively represent FAST at the different committees of the university.

8) Dr. Bbosa, you are welcome and congratulations upon this new responsibility. We trust you have what it takes to serve. Wish you the best of luck.



Dr. Bbosa for Community Engagement

Dr Nabaasa is Re-Elected Dean Faculty of Computing and Informatics.



Dr. Evarist Nabaasa was re-elected Dean of the Faculty of Computing and Informatics, a faculty whose growth he has been a part of from its inception as a department in the then Faculty of Development Studies to an Institute and now a full-fledged Faculty.

Upon completion of his Bachelor of Science in Computer Science degree from Makerere University, Dr. Nabaasa joined the then Department of Computer Science as an Assistant Lecturer and the department head from 2002 to 2003. He won a Chinese scholarship and went to China for a Masters of Engineering in Computer Science

from 2003 to 2006 where he graduated with MEng. Comp Science from Hunan University in Changsha City. His masters focused on Computer Networks particularly on Security of Base Stations in Wireless Sensor Networks. On his return to Uganda in late 2006, he continued as a

lecturer in the Faculty of Computing and Informatic to-date. In January 2015, he graduated with a PhD in Computer Science from Mbarara University of Science and Technology. During his PhD, he was mentored by Prof. Frits Vaandrager of Radboud University- Netherlands, Associate Prof. Idris Rai of Makerere University, Dr. Tonny Bulega of Makerere University and Dr. John Businge of Mbarara University of Science and Technology. His research focused on Algorithms for Scheduling and Optimization of Traffic Lights via Wireless Sensor Networks.

Having been part of the faculty right from the start Dr. Nabaasa has been so enthusiastic about its growth. He has mentored many at PhD and Masters levels, and has sought many collaborations and

partnerships for the faculty. He has a noble character of persistence till the end when he sets a goal. This has been notably seen through his mentorship of junior researchers into grants writing, encouragement and support given to staff under staff development. His involvement in giving hands-on skills to both undergraduate and postgraduate students is extraordinary. Dr. Nabaasa, the faculty and the University recognizes your dedication to serving and also congratulates you upon your re-appointment. Your commitment to serving will take the faculty to greater heights.



Dr. Joseph Ngozi Dean Elect Faculty of Medicine



Dr. Joseph Ngozi, formerly the Deputy Dean of the Faculty of Medicine (FoM) has been elected the Dean of the Faculty.

Dr. Ngozi is a medical doctor by profession and an Obstetrician/Gynecologist by specialty training. He is a certified member of the Uganda Medical Association (UMA), Association of Obstetricians and Gynecologists of Uganda (AOGU), Federation of International Gynecolo-

gists and Obstetricians (FIGO). Joseph is a fellow of the East, Central and Southern African College of Obstetricians and Gynecologists.

Dr. Ngozi graduated from Mbarara University of Science and Technology (MUST) with a Bachelor Medicine and Bachelor of Surgery (MBChB) degree. He later enrolled for residency training in Obstetrics and Gynecology at MUST, graduating

with a Master's degree in the same area. He was admitted for his PhD studies at the prestigious University of Antwerp in the Flanders in Belgium and graduated with a PhD of Medical Sciences.

Academic leadership journey at MUST:
a) Postgraduate Coordinator, department of Obstetrics and Gynecology (2012-2014)

- b) Head of department of Obstetrics and Gynecology (2015 - 2017)
- c) Deputy Dean, Faculty of Medicine (2017 - 2021)
- d) Dean, Faculty of Medicine (2021 – 2025)

Awards:

a) Chosen by the Canadian Network for International Surgery (CNIS) Awards Committee among the 100 Global Notables in October 2020 to have made a Notable contribution to CNIS' 25 Years of Sharing Skills and Saving Lives.

b) Recipient of the 2016 American Association of Professors of Gynecology and Obstetrics (APGO) International scholarship award for excellent Resident teaching and mentorship.

c) Recipient of the Swedish Gynus Company for the upcoming young scientific global scholar

Targets for the Faculty of Medicine:

- a) Research mentorship and support
 - (i) Establish a research fund for the Faculty to provide seed funding for research groups
 - (ii) Provide mentorship for the research groups
 - (iii) Create a research publication repository
 - (iv) Increase the number of publications and grants
- b) Improve on the learning and teaching facilities for the Faculty of Medicine
 - (i) Advocate for Faculty of Medicine home
 - (ii) Lobby for the formation of more Faculties from Faculty of Medicine as a precursor to the College of Health Sciences
- c) Staff development, recruitment and promotion

- (i) Advocate for more staff recruitment and promotion
- (ii) Lobby for academic and clinical advancement opportunities such as fellowships and PhD training for members of staff in the Faculty
- (iii) Support establishment of fellowship training programs in the Faculty
- d) Support to Undergraduate and Postgraduate students
 - (i) Lobby for better teaching space
 - (ii) Advocate for more scholarships for postgraduates
- e) Community service and engagement
 - (i) Lobby for more funding for our community based programs
 - (ii) Increased visibility of our community activities
- f) Improved branding for the Faculty of Medicine



Dr. Tusiimire Deputy Dean-elect, Faculty of Medicine



Dr. Tusiimire is the Deputy Dean-elect, Faculty of Medicine, and a Senior Lecturer in the Department of Pharmacy. He is a professional pharmacist, who serves as **Vice President and Chair of the Education and Grants committee of the Pharmaceutical Society of Uganda (PSU).** He is also a board member

of the Pharmacy Board of the Allied Health Professionals' Council (AHPC) under the Ministry of Health. His current research focuses on investigating capacity and quality assurance mechanisms for increased local production and appropriate use of essential medicines in Uganda. He is the Principal Investigator of the MoSTI/NRIP-funded research in microcrystalline cellulose from agricultural byproducts. Dr. Tusiimire has been a recipient of many scholarships. He graduated with a Bachelor's degree in Pharmacy from Makerere University and became a Teaching Assistant in the Department of Pharmacy before joining MUST as an Assistant Lecturer. He obtained his MSc and PhD training at the University of Strathclyde in Glasgow, United

Kingdom. His MSc degree was in pharmaceutical analysis under a Commonwealth Scholarship. His MSc research project, sponsored by AstraZeneca, was conducted at the Macclesfield site where he was a summer intern under the supervision of Dr. Andy Brookes. On this project, he worked with the pharmaceutical development team to develop generic methods for analysis of solid dosage formulations using the tablet processing workstation (TPW).

His PhD research was carried out in Dr. Dave Watson's laboratory at Strathclyde and focused on developing novel applications from bee venom for anti-aging treatment and immune-modulation. The three-year research project was sponsored through a joint scholarship from the

University of Strathclyde and the Korean Institute for Advancement of Technology (KIAT). Currently, Dr Tusiimire lectures medicinal chemistry, pharmaceutical chemistry, and pharmaceutical analysis courses to pharmacy and pharmaceutical sciences students, and serves on both the Faculty Research Committee (FRC) and the Curriculum Committee in the Fac-

ulty of Medicine. He is also the General Secretary for MUST Academic Staff Association (MUSTASA). As the Deputy Dean, Dr. Tusiimire pledges to serve every staff and student in the Faculty of Medicine as best he can and to support the Dean Elect in delivering the best possible results through consultations and teamwork.



CPA. Felix Magyezi is the New University Bursar

CPA. Felix Magyezi, was appointed the University Bursar and on July 19th, 2021 he received the instruments of the office from the Ag. University Bursar Mr. Dominique Musana.

At the time of his appointment, CPA. Magyezi was serving as an Internal Auditor at MUST. Prior to joining MUST in 2013, Felix was a Field Coordinator on the Financial Deepening Project for Southwestern Uganda with the Uganda Co-operative Alliance from 2008-2012. He also previously worked with Bushenyi District Local Government. Felix is a Certified Public Accountant (CPA) and holds a Bachelor of Commerce and Master of Science (Accounting and Finance) both from Makerere University.

Congratulations to you CPA. Magyezi upon this new office, and we wish you all the best in your new assignment.



STAFF DEVELOPMENT

Pennie @University College London (UCL)



Ms. Penlope Yaguma from the Faculty of Applied Science and Technology (FAST) is a PhD candidate in Energy and Development Policy at University College London (UCL) - London, United Kingdom. Penelope is based at the UCL Department of Science, Technology, Engineering and Public Policy (UCL STEaPP) where her research seeks to identify options for providing electricity to Uganda's slum communities, and the policy frameworks around which these solutions can be realized. Her studies are generously funded through the Commonwealth PhD scholarships for least developed countries. Penelope

holds a Bachelor's degree in Electrical and Computer Engineering (University of Cape Town, 2013) and a Master's degree in Sustainable Energy Systems (University of Edinburgh, 2016).



Fredrick @ Georgia Institute of Technology in Atlanta-Georgia, USA



Mr. Fredrick Bulondo of FAST is pursuing a Master's degree in Bioengineering at Georgia Institute of Technology in Atlanta-Georgia, USA under the Fulbright Scholarship program. He is a Teaching Assistant in Department of Bio-medical Engineering & Biomedical Sciences in Uganda, with interests in medical device innovations and bioengineering research. He graduated with a Bachelor of Science degree in Biomedical Engineering from Makerere University in 2018. Fredrick draws his inspiration from past experiences working with different health facilities in fields of medical equipment management (repairs and servicing), research and innovation, teaching and mentorship programs with great passion to impact livelihoods in low resource settings. He has participated in global forums through seminars, workshops and design competitions which he executed diligently and got awarded certificates/prizes for outstanding performance(s). Most importantly, he is a team player and has contributed significantly to the growth and development of the biomedical engineering department at MUST.

His research Interests: Immuno-Engineering, Biomaterials, Bio- instrumentation.

Fredrick's Research Areas: Tissue Engineering & Regenerative Medicine, Nanotechnology, Biomaterials

Thesis Project: Dendritic Cell-Biomaterial Constructs for Multiple Sclerosis Amelioration

Kim @ Handong Global University, Korea

Mr. Richard Kimera from the Faculty of Computing and Informatics received an invitation from the **Korea International Cooperation Agency (KOICA)** to participate in the PhD program in “**Techno Entrepreneurship competency based on ICT Convergence**”. This is one of KOICA's scholarship program established under the 2021 Technical cooperation program of the government of Korea.

Richard is enthusiastic about mentoring the next generation of tech-leaders in building solutions for low resource settings. As an educator, he works with the Faculty of Computing and Informatics, with specific interest in mobile application development and knowledge mining. He coordinates activities of the Software Incubations and Innovations Unit that foresees the software development process and entrepreneurship

at the faculty. He is the founder of the Innovations Tech Summit for Africa that runs annually to bridge the gap between government, NGO's, private companies, and researchers. Mr. Kimera is/was the winner of the 2015 ACIA-UCC awards, as well as the 2019 National ICT Support Initiatives Programme by the Ministry of ICT and National Guidance. He coordinates a collaboration between MUST and MIT (Boston) aimed at nurturing Health Informaticians through an annual project-based course delivered by international experts and running data science events in Africa. Annually, Mr. Kimera works as the prototyping class instructor in the annual technology camp organized by Oysters and Pearls, in Gulu.



Induction Ceremony



Women Shine beyond March



August 2, 2021

Edith Kaidu Wakida
Mbarara University of Science and Technology
Plot 8-18 Kabale Road, Mbarara

Dear Dr. Wakida,

Appointment as Postdoctoral Research Fellow 2021 - Center for African Studies

I am delighted to offer you an appointment as a Postdoctoral Fellow in the Center for African Studies at Harvard University. Your appointment will take effect from September 1, 2021 through February 28, 2023, 12 months of which will be spent at your home institution and the remaining six months spent in a stipend-supported residency at Harvard University in Cambridge. Please indicate in your acceptance letter how you would plan your fellowship during the 18-month period. This will be critical in establishing the requisite Harvard appointment for your fellowship as well as your visa needs for your visit to Cambridge. While the sessions are meant to be flexible, we hope you will plan your fellowship based on your circumstances, and of course, being cognizant of country-specific US consular visa wait times. The example below is to serve as a guide for your planning.

Dr. Wakida was Awarded a Post-doctoral Fellowship by Harvard University.



Dr. Edith Wakida was awarded a postdoctoral fellowship at Harvard University's Center for African Studies. Her primary mentor is Jessica Haberer MD, MS. She will work on an intervention to facilitate mental health service delivery in Uganda. Dr.

Wakida, you are one of the luminaries at MUST! Congratulations on your achievement. We wish you all the best as you raise the flag of MUST high at Harvard University on one of the prestigious universities on the globe

Dr. Musiimenta Wins an NIH Grant

Mbarara University of Science and Technology (MUST) in collaboration with MGH (USA), RAND Corporation (USA), Wisepill Technologies (South Africa), Angels Compassion (Uganda), and Istream (Uganda) has won a 5-year grant known as My Mobile Wallet from the US National Institute of Health.

Goal: The My Mobile Wallet project employs a mobile technology-based behavioral and economic intervention to support tuberculosis care and treatment adherence in Uganda. The project also includes research capacity building (a PhD sponsorship and short course trainings)

Key project team members include:

Principal Investigator: - Dr. Angella Musiimenta

Co-Investigators - Dr. Jessica Haberer

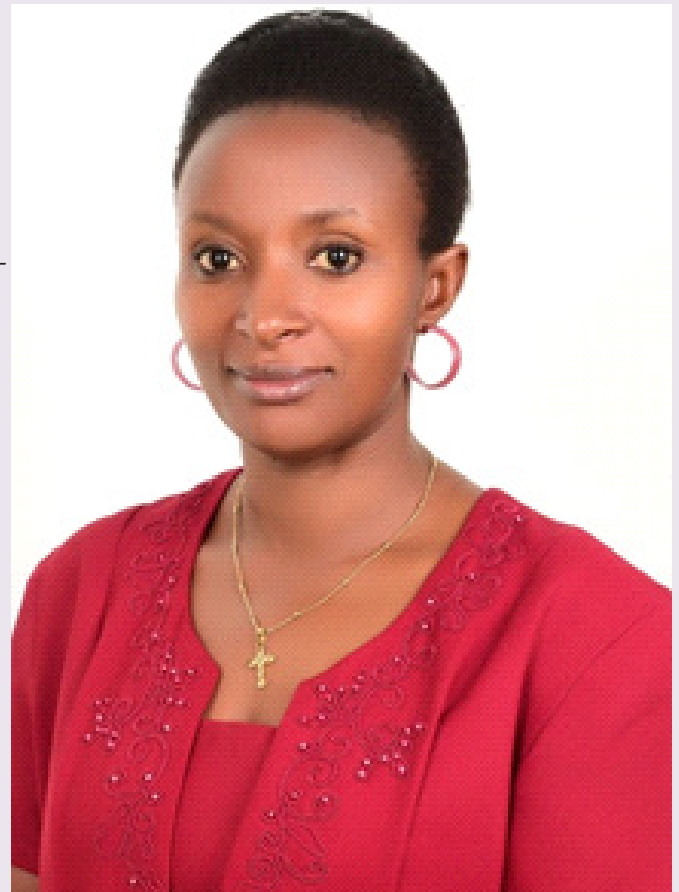
- Dr. Sebastian Linnemayr

Program Manager: - Mr. Aaron Mugaba

PhD Studentship - Mr. Wilson Tumuhimbise

Duration: - 5 years

On behalf of the project team, Angella the PI, said, it is with God's Grace that we have come this far, "we give the glory to God for His mercy never ceases". They also appreciated the MUST community for the continued support. We Congratulate Dr Angella Musiimenta and your entire team and wish you the best.



Principal Investigator: -
Dr. Angella Musiimenta



Dr. Ashaba was Awarded a K43 Grant

Dr. Scholastic Ashaba is a senior lecturer in the Department of Psychiatry, Faculty of Medicine with broad responsibilities for providing clinical services to psychiatric patients

Dr. Ashaba Scholastic was a Principal Investigator for an NIH Emerging Global Leader Award.

With a Project Title: Self-Management among adolescents living with HIV in Uganda. Award, No: K43 TW011929-01, Dr. Ashaba thank you for standing tall. MUST is proud of your works as an alumnus and as a staff. Congratulations.

MGH GIVES BACK TO MRRH



The Massachusetts General Hospital (MGH) Center for Global Health (CGH) deployed a team to Mbarara, Uganda in collaboration with Build Health International, to support efforts to treat patients with COVID-19 infections.

The government of Uganda through the Global Health Collaborative has given support to Mbarara Regional Referral Hospital; through construction of a COVID-19 Treatment

Centre with the aim of decongesting the current facility.

A team of six was deployed to Uganda, which included: five nurses and one physician with specialization in COVID-19 care and is led by Lindsey Martin, NP, Director of Global Disaster Response and Humanitarian Action at CGH. The team offered colleagues at Mbarara Regional Referral Hospital (MRRH) clinical support and will assist in making the

newly constructed COVID-19 Treatment Center facility operational.

The centre was given 40 ICU beds making a total of 100 ICU beds at MRRH. In addition, they donated a ten-bed capacity tent where patients from ICU would be monitored. They also donated equipment and supplies to kick start the opening of the facility worth (\$1000), mattresses, monitoring machines and PPEs.

The Hospital Director, Dr. Celestine Barigye said he was speechless about the donation. He said this was so timely to support the hospital infrastructure and the staff. On a sad note, Dr. Barigye said the pandemic had claimed 114 lives in the area. At that time, the statistics stood at 37 admissions, and of these, 24 were in a critical condition. This adds up to a total of 1050 patients that have tested positive since the pandemic started, 441 admissions and 276 discharges.

Officiating at the event, Lt. Col. James Mwesigye the Mbarara Resident City Commissioner (RCC), was grateful to the GHC donors. He thanked the GOU for supporting Mbarara district I managing the pandemic. He added that expanding the hospital capacity gives hope to many. He pointed out a situation when patients could not be admitted given the limited bed capacity. "It was so heart breaking, seeing patients going away without help". The RCC also thanked the Mbarara COVID-19 task force for their selfless service and the zeal to



work under all odds. Dr. Asimwe Stephen the director of GHC-MGH said the fight against the pandemic has not ended. He added that GHC will do all that is possible to see the pandemic down to zero. Stephen mentioned that they were engaging other donors to set up an oxygen plant at the new Centre, and that they still needed funds to fully equip and modernize the Centre.

Still in line with fighting the COVID-19 pandemic, the Director Epi-Centre Uganda Dr. Juliet

Mwanga (MUST alumnus pioneer class of 1989) donated 10 ICU beds to the MRRH supplemented with 5 oxygen cylinders and 2 oxygen regulators.

We are so indebted to our partners in development, especially in this trying time. Borrowing the words of Maya Angelou, "When we give cheerfully and accept gratefully, everyone is blessed." Many thanks to you all.



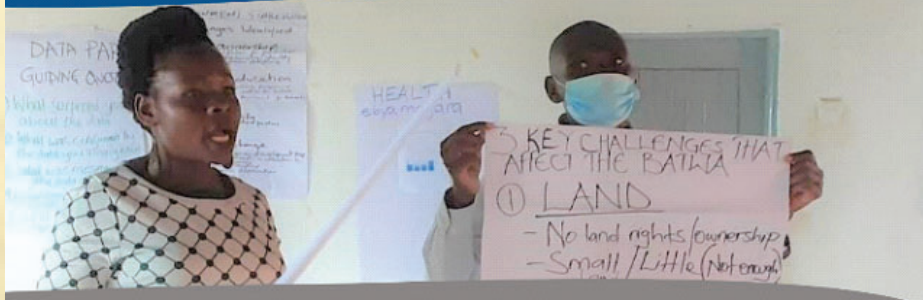
F.Y.I



LASER PULSE



Mbarara University of Science and Technology
is pleased to announce
The Batwa Livelihood Innovation Challenge
(BLIC)



Themes for the BLIC Call

1. Land (access, ownership and utilization)
2. Education
3. Health and Wellbeing
4. Batwa Culture and Identity



Grants ranging between \$10,000 - \$35,000 will be awarded. Applicants must demonstrate experience in working with and for the Batwa in development initiatives and provide strategy to engage, partner and work with the District Local Governments that host the Batwa, specifically Kisoro, Rubanda and Kanungu.

To apply, download the BLIC RFA document here <https://laserpulse.org/wp-content/uploads/2021/08/LASERPULSE-RFA-BLIC.pdf>

Register, submit a question, and attend an online Webinar to know more about BLIC RFA here : [https://zoom.us/meeting/register/tJlod-mhjqoiG9L15VUYSGXrguGn-B99PMrl](https://zoom.us/join/zoom/register/tJlod-mhjqoiG9L15VUYSGXrguGn-B99PMrl)

Application deadline is September 20, 2021, 5PM EAT

Contact Information: For programmatic questions, please email Dr. Viola Nilah Nyakato at vnyakato@must.ac.ug or Send an email to blic2021@must.ac.ug



The Vice Chancellor
Prof. Celestino Obua
on behalf of the MUST
Fraternity wish

Gen. Tibuhabwe Yoweri
Kaguta Museveni

15.09.2021

A Happy Birthday.

Long Live the Visitor,
Long Live Our Founding Father.

#Ebenezer!

#Succeed we MUST



**FOR ANY
INQUIRIES
REGARDING**



Application/Admission

Contact the Academic Registrar's Department on the Numbers Below

+256 414 668 971 / +256 786 706 490 / +256 709 882 854

Email: admissions@must.ac.ug #Succeed We MUST

EDITORIAL TEAM



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