



MUCE 2023 NEWSLETTER

Volume 4

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FOREWORD FROM THE PRINCIPAL

A Foreword from the Acting Principal, Prof. Deusdedit A. Rwehumbiza



Dear readers,

It is with immense humility and joy that I extend my warmest greetings to all of you in this latest edition of Mkwawa University College of Education (MUCE) Newsletter. As we come together to reflect on the remarkable achievements and exciting developments at MUCE, I am grateful for the collective efforts that have brought us to where we stand today.

In this newsletter, you will find stories of our College excelling academically, participating in extracurricular activities, and engaging in community service. Our staff members continue

to inspire society through their innovative research ideas that contribute to the advancement of science and technology in Tanzania and beyond. We also celebrate the appointments of our staff and academic promotions resulting from diligence and successful completion of their studies.

I would like to extend my gratitude to the editorial team and all contributors who dedicated their time and effort to this newsletter. I encourage you all to read, reflect, and engage with its content.

In closing, I would like to express my sincere thanks to every member of MUCE community—students, staff, alumni and stakeholders—for your dedication to our institution. Together, we are shaping the future of education and contributing to the development of our nation.

Warm regards,
Prof. Deusdedit A. Rwehumbiza
Acting Principal, MUCE



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A WORD FROM THE EDITORIAL BOARD



DR. ORESTES S. KAPINGA
CHIEF EDITOR

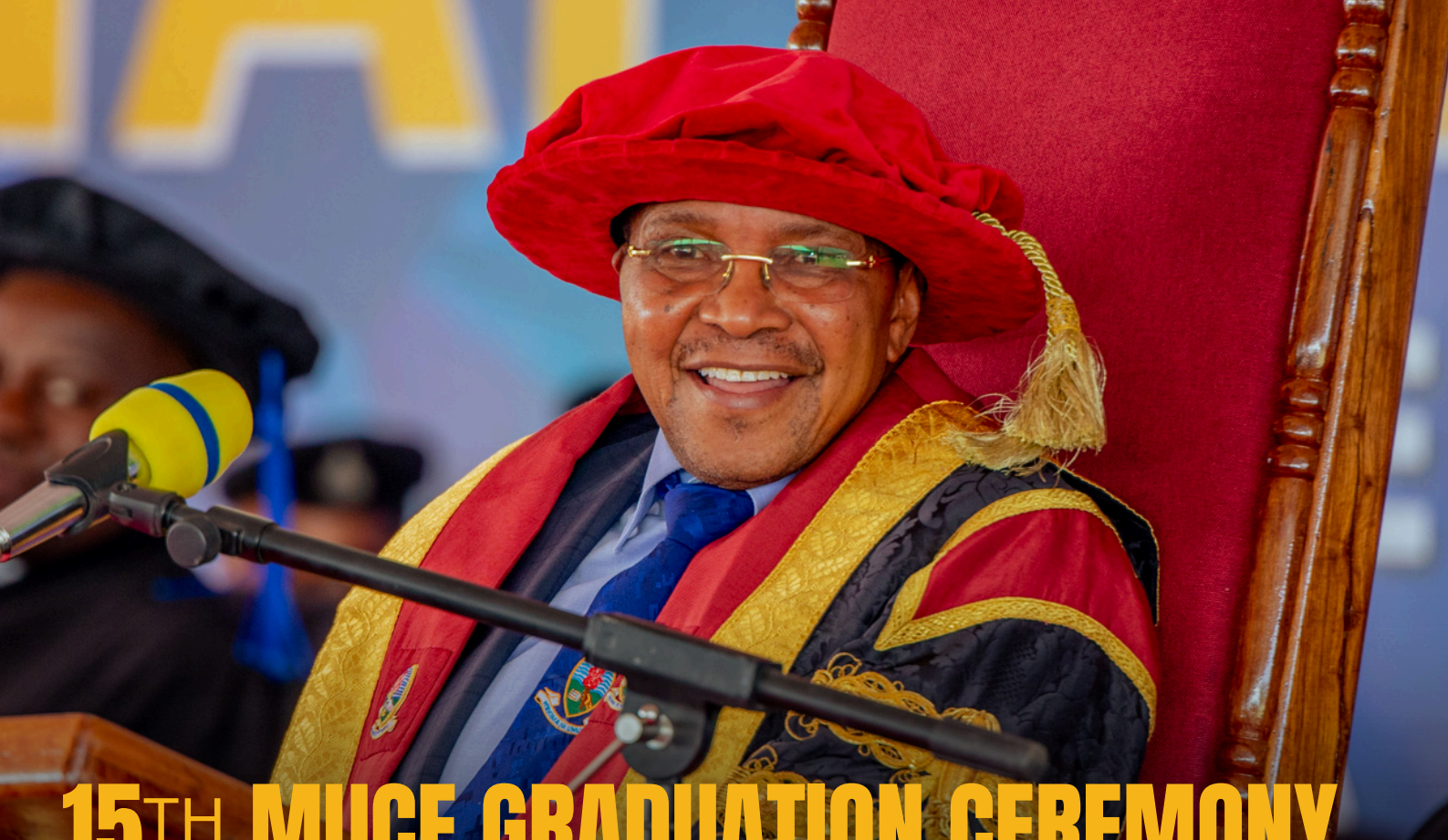
Dear readers,

It is our privilege and pleasure to welcome you to the latest edition of MUCE Newsletter. As members of the Editorial Board, we are excited to present to you diverse collection of stories and updates that reflect the vibrancy and dynamism of our College community.

In developing this newsletter, our goal has been to capture the essence of MUCE - an institution that continuously strives for excellence, innovation and a holistic approach to education. Within these pages, you will find a rich tapestry of achievements and insights that showcase the remarkable talents and contributions of our College.

We would like to express our heartfelt gratitude to all the contributors who have dedicated their time and expertise to make this Newsletter a reality. Your commitment to sharing your knowledge and experiences is truly commendable. We also extend our appreciation to the Acting Principal, Prof. Deusdedit A. Rwehumbiza, the College administration and members of staff for their support and encouragement throughout the editorial process.

Thank you for trusting us with this edition, and we look forward to bringing you more exciting and informative editions in future.



15TH MUCE GRADUATION CEREMONY





Best students at the 15th MUCE Graduation Ceremony, Panja, Medson Lackson (left) and Mbinda, Saida Said (right), receiving their certificates from His Excellency Dr. Jakaya Mrisho Kikwete, the Chancellor of UDSM



Graduates bowing as a gesture of reverence while accepting their degrees.

MUCE Marks 15 Years of Excellence at its 15th Graduation Ceremony

On 25th November 2023, history was made at Mkwawa University College of Education (MUCE) as we joyfully celebrated our 15th graduation ceremony. MUCE campus was brimming with pride and excitement as we bid farewell to another batch of exceptional graduates. A grand total of 1,582 undergraduate students successfully completed their academic journey. Among these graduates, 861 were female, accounting for 54.4 per cent, while the remaining 721 were male, constituting 45.6 per cent of the graduating class. Additionally, the ceremony saw the conferral of master's degrees upon 11 students, with 6 of them being female and the other 5 male.



Graduates during the graduation ceremony

This remarkable occasion was graced by none other than the esteemed Chancellor of the University of Dar es Salaam (UDSM) and the Fourth President of the United Republic of Tanzania, His Excellency Dr. Jakaya Mrisho Kikwete, who honoured us as the Guest of Honour.

During the ceremony, our distinguished Guest of Honour, Hon. Dr. Kikwete, took the stage and offered heartfelt congratulations to our graduates. He delivered an impassioned speech, urging them to become exemplary UDSM ambassadors and uphold the esteemed UDSM brand and image in their future endeavours.



Seated in the centre, His Excellency Dr. Jakaya Mrisho Kikwete, the Chancellor of UDSM, alongside prominent officials from both UDSM, Mwalimu Nyerere Campus and MUCE, as well as members of the steering committee for the 15th MUCE Graduation Ceremony.



Graduates take an oath of allegiance to the ethical and legal principles of the country after receiving their degree programmes.



Graduates during the graduation ceremony



Happy Graduation

Congratulations on reaching new heights of success! Your future shines bright.



Inauguration of the Gender Diversity Building funded by ASAS Group of Companies

We are thrilled to share with you another exciting event that unfolded on the 15th of November 2023, alongside our 15th Graduation Ceremony. This special day marked not only the academic achievements of our graduates but also the launch of the Gender Diversity Building, a significant step forward in our commitment to addressing and preventing gender-based violence and harassment on our campus. The construction of this building was funded by the ASAS Group of Companies.

The inauguration of this remarkable facility was conducted by a distinguished guest, His Excellency Dr. Jakaya Mrisho Kikwete, the Chancellor of the University of Dar es Salaam and Fourth President of the United Republic of Tanzania.

At the event, on behalf of the General Director of ASAS Group of Companies, Mr. Ahmed Asas made a heartfelt promise that further exemplifies their commitment to this important cause. Mr. Asas pledged to furnish the Gender Diversity Building and provide state-of-the-art computers, ensuring that it becomes a fully functional and well-equipped space to serve its vital purpose. We recognize and appreciate the dedication of the ASAS Group of Companies in making this vision a reality. Their support and generosity are instrumental in helping us address gender-based issues.



Hon. Dr. Jakaya Mrisho Kikwete



Mr. Ahmed Asas



Gender Diversity Building

Prof. Deusdedit A. Rwehumbiza
Acting Principal



MUCE's New Leadership

In a remarkable development for the academic world, Mkwawa University College of Education (MUCE) is thrilled to announce the appointment of its Acting Principal, Prof. Deusdedit A. Rwehumbiza, and Acting Deputy Principal - Academic, Research and Consultancy (DP-ARC), Dr. Orestes S. Kapinga, effective from 23rd November 2023.

Dr. Orestes S. Kapinga
*Acting Deputy Principal -
Academic, Research and
Consultancy*



These prestigious appointments were made by none other than the

esteemed Chancellor of the University of Dar es Salaam and the Fourth President of the United Republic of Tanzania, His Excellency Dr. Jakaya Mrisho Kikwete.

Prof. Rwehumbiza is an Associate Professor at the University of Dar es Salaam Business School (UDBS) in the Department of General Management. He earned his PhD in International Business from Leipzig, a Master's degree in International Trade from UDSM, a Bachelor of Science in Urban and Regional Planning from UDSM, and another Bachelor of Science in Business Administration with International Business from London. Before this appointment, Prof. Rwehumbiza was Deputy Principal-Academic, Research and Consultancy (ARC) of MUCE.

Dr. Orestes S. Kapinga is a Senior Lecturer in the Department of Educational Psychology and Curriculum Studies, Faculty of Education, MUCE. He holds a PhD and Master of Education in Special Needs from Åbo Akademi University and a Bachelor of Arts with Education from UDSM. Before this appointment, Dr. Kapinga was Dean of the Faculty of Education and Deputy Coordinator of the Higher Education for Economic Transformation (HEET) Project at MUCE.

We congratulate both Prof. Rwehumbiza and Dr. Kapinga on their appointments. Together, we look forward to a bright and successful future for MUCE.

New Appointments



Prof. William A. L. Anangisyé

appoints MUCE staff to distinct positions for 2021/2022 - 2023/2024 Triennium

In a bid to get the College development moving, in this year, six agile members of academic staff were appointed to distinct positions for the 2021/2022 - 2023/2024 triennium.

The appointments were officially made by the University of Dar es Salaam Vice Chancellor and Chairperson of MUCE Governing Board, Prof. William A. L. Anangisyé.

Taking up key leadership roles, the newly appointed leaders are set to play pivotal roles in the College's academic and administrative endeavours.



Dr. Daniel S. Fussy
Acting Dean of the Faculty of Education



Dr. Godlisten N. Shao
Director of Undergraduate Studies



Dr. Selina T. Mkimbili
Director of Research and Innovation



Dr. Mbwiga S. Aloni
Director of Library Services



Dr. Shakila H. Mteti
Director of Public Services and Outreach Programmes



Dr. Chacha S. Chacha
Acting Director of Postgraduate Studies

CONGRATULATIONS

Academic Promotions



The College is proud to announce the promotion of Dr. Jaquiline Amani Moshi from Senior Lecturer to Associate Professor. With this promotion, Jaquiline Amani Moshi became the first Associate Professor at MUCE from the Department of Educational Psychology and Curriculum Studies in the Faculty of Education. Her research interests include Education, and Career Choice and Development. She has been engaged in various projects related to teaching and learning assessment, teacher professional development, early-grade reading and evaluation studies.

In the same vein, the College is proud of the promotion of nine members of academic staff from Lecturer to Senior Lecturer positions.



**Dr. Orestes S.
Kapinga**

Department of
Educational Psychology
and Curriculum Studies



**Dr. Fikira S.
Kimbokota**

Department of
Chemistry



**Dr. Ismail J.
Irunde**

Department of Mathematics,
Physics and Informatics



**Dr. Jovine K.
Emmanuel**

Department of
Chemistry



**Dr. Ashura J.
Ngoya**

Department of History,
Political Science and
Development Studies



**Dr. Juma A.
Mmongoyo**

Department of
Chemistry



**Dr. Ponsiano S.
Kanijo**

Department of
Languages and
Literature



**Dr. Evarist F.
Swai**

Department of
Geography and
Economics



**Dr. Chakupewa
J. Mpambije**

Department of History,
Political Science and
Development Studies

The College Management congratulates all staff on the well-deserved promotion and wishes them continued success in their future endeavours.

Congratulations!

We are thrilled to present our members of staff who have been promoted from Assistant Lecturer to the position of Lecturer in 2023. **Congratulations!**



Dr. John Mlyahilu



Dr. Charles Maggati



Dr. Yusuph Daudi



Dr. Asha Kalula



Dr. Fanuel Ligate



Dr. Willy Kasuga



Dr. Jonas Leonard



Dr. Joseph Milinga



Dr. Deograsia Mtego



Dr. Palme Thadei



Dr. Michael Mgonja



Dr. Winnie Mtega



Dr. Mafwele Biseko



Dr. Zedekian Malyatangasi



Dr. Hamidu Seki

CONGRATULATIONS

Congratulations to our members of staff who have been promoted from Tutorial Assistant to an Assistant Lecture position.



Mr. Auson Wencheslaus



Mr. Nsajigwa Mwankemwa



Mr. Tumsifu Mwanjala



Mr. Kelvin Haule



Ms. Mesia Simbeye



Mr. Sweetbert Anselimus





**MUCE WOMEN'S VOLLEYBALL TEAM
CLINCHES BACK-TO-
BACK SHIMMUTA
CHAMPIONSHIPS**



MUCE EXCELS AT THE SHIMMUTA GAMES

Mkwawa University College of Education (MUCE) has long embraced a vibrant culture of sports and games, becoming a beacon of excellence in both local and national sporting events. One remarkable testament to MUCE's sporting prowess is its consistent participation and success in the annual Inter Parastatal and Ministries Games, commonly known as SHIMMUTA. The SHIMMUTA Games, a highly anticipated


sporting event that gathers participants from various institutions across the nation, offer a platform for friendly competition and camaraderie.

For two consecutive years, MUCE Women's Volleyball team has created history by securing the championship title at the SHIMMUTA Games, both in 2022 and 2023. Their back-to-back victories serve as a testament to the team's exceptional talent and

unwavering commitment to sports. The 2023 SHIMMUTA Games, held in Dodoma from 12th to 25th November, witnessed MUCE Women's Volleyball team once again dominating the competition, clinching the championship and bringing pride and glory to the College.

These impressive achievements are not limited to the Women's Volleyball team alone. MUCE's other teams that participated in the event showcased their talent, dedication, and sportsmanship, representing the College with distinction. Their commitment to excellence in sports has been a source of inspiration for the entire MUCE community.

As we celebrate these remarkable victories and commend the athletes for their outstanding performances, MUCE extends its heartfelt congratulations to all the teams that took part in the SHIMMUTA Games. Their dedication and hard work have brought honour to our College and have further cemented our legacy as a leading institution in both academics and sports.



The pair of trophies secured by MUCE Women's Volleyball team at the SHIMMUTA Games.



Dr. Orestes S. Kapinga, Acting Deputy Principal - Academic, Research and Consultancy speaking on behalf of the Principal



Dr. Fikira Kimbokota, Acting Deputy Principal - Planning, Finance and Administration speaking to congratulate MUCE SHIMMUTA participants



Dr. Pauline Mhango, MUCE Sports Coordinator, delivering his remarks during the trophy presentation to the College Management



Ms. Raheli Msafiri Mwigo, the Captain of MUCE Women's Volleyball team, offering her remarks.



MUCE Women's Volleyball team jubilantly celebrates their victory during the SHIMMUTA 2023 held in Dodoma

MUCE CELEBRATES SHIMMUTA PARTICIPANTS DURING THE EVENING EVENT

In a heartwarming evening event held on 22nd December 2023, MUCE came together to express its heartfelt congratulations to the dedicated sportsmen and sportswomen who represented the institution with pride and excellence at the SHIMMUTA Games. The event was a celebration of the remarkable achievements of MUCE's athletes, and it provided a platform for the College to convey its appreciation for their hard work and dedication. Amidst the festive atmosphere, MUCE's Management took the opportunity to pledge their unwavering support to the sports teams.

All team members received certificates as a sign of appreciation for their hard-working at the SHIMMUTA Games





College Coordinator of Teaching Practice, Dr. Mariana Mhewa

Acting Principal, Prof. Deusdedit A. Rwehumbiza and Acting Deputy Principal - Planning, Finance and Administration, Dr. Fikira Kimbokota



Acting Deputy Principal - Academic, Research and Consultancy, Dr. Orestes S. Kapinga

Students who attended the training

Orientation Seminar on Empowering Future Educators and Chemists

On 24th June 2023, MUCE held two orientation seminars that took place simultaneously to orient students to matters related to Teaching Practices for students

pursuing degree programmes in education and practical training for students pursuing a Bachelor of Science in Chemistry. The informative sessions were aimed at preparing these aspiring professionals for their respective fields, equipping them with essential teaching practices and practical training.

Despite the different degree paths, students in both seminars shared a strong enthusiasm and dedication to excel in their chosen fields.



Participants of the training for secondary school Physics teachers

Department of Mathematics, Physics and Informatics at MUCE Hosted a Successful Training for Secondary School Physics Teachers

In an effort to enhance the quality of education in Iringa and support the local community, the Department of Mathematics, Physics and Informatics at MUCE organized a comprehensive training session for secondary school Physics teachers. The training aimed to build their capacity and equip them with innovative teaching methods to deliver the Physics curriculum effectively.

The event, held on 3rd June 2023, at MUCE, saw a remarkable turnout of 34 enthusiastic Physics teachers from various secondary schools within Iringa Municipality. The participants were welcomed with warm hospitality by the university staff, highlighting MUCE's commitment to providing free social services and fostering cooperation between the academic institution and the local community.

Stakeholders Collaborate with MUCE to Enhance Students' Welfare

This year, a crucial meeting was held at MUCE on 3rd June 2023, bringing together 67 stakeholders, including wardens, DARUSO-MUCE, health officers, police officers, ward leaders, street chairpersons and food vendors. The primary objective of the meeting was to deliberate on effective strategies to enhance students' welfare, including accommodation outside the campus, security, health and public relations.



Acting Deputy Principal - Planning, Finance and Administration, Dr. Fikira Kimbokota (third from right in the front row) poses in a group photo with attendees of the stakeholders' meeting.

We Prioritize the Welfare of Our Students

The gathering served as a platform for a comprehensive discussion on the challenges faced by students living outside the campus and exploring viable solutions. Since the number of students residing off-campus has increased, it has become imperative to foster an environment that ensures their well-being and safety.



New Era Begins: Mkwawa University College of Education Welcomes Eager First- Year Students

In a vibrant and jubilant atmosphere that could only be likened to the dawn of a new era, Acting Principal Prof. Deusdedit A. Rwehumbiza, on behalf of members of staff of Mkwawa University College of Education (MUCE), extended a warm and hearty welcome to its incoming first-year students for the academic year 2023/2024 on 3rd November 2023. This occasion marked the beginning of an incredible journey for these young scholars as they embarked on their academic pursuits at the prestigious University of Dar es Salaam, MUCE.

Prof. Rwehumbiza's address to the fresh-faced, excited students was not merely a customary welcome but a celebration of excellence and accomplishment. He proudly congratulated all 2,531 first-year students who had the distinct honour of being selected from an impressive pool of 4,790 applicants. This remarkable achievement reflected their dedication, hard work, and promise in the realm of higher education.



Acting Principal, Prof. Deusdedit A. Rwehumbiza



Facilitators of the gender sensitization seminar for first year students



First year students following the discussions on gender sensitization

Gender Sensitization Seminar for First year Students

Before Prof. Rwehumbiza's inspiring address, the incoming students were engaged in a series of enriching activities designed to help them familiarize themselves with the College's culture and regulations. Among these activities, the gender sensitization seminar was particularly noteworthy. Led by an esteemed panel of experts including, Dr. Adella Raymond, Dr. Willy Kasuga, Dr. Oscar Magava, Dkt. Ashura Jackson, Inspector Elizabeth Swai, and Ms. Fransisca Nguli, this seminar aimed to raise awareness and understanding of critical gender issues while promoting a harmonious and respectful atmosphere within the College community.



Acting Principal, Prof. Deuseddit A. Rwehumbiza (middle) poses in a group photo with facilitators (front line) and MUCE new employees

MUCE Hosts Successful Orientation Seminar to Educate New Employees on Public Service Laws and Regulations

MUCE organized a highly informative and engaging orientation seminar for its new employees, held from 15th to 17th in June 2023. The primary objective of the seminar

was to provide a comprehensive orientation on essential laws, regulations and guidelines applicable to public servants. The seminar ensured that the newly employed University staff were set to fulfil their roles effectively and ethically. Attended by 47 enthusiastic participants, the seminar marked a significant step in fostering a cohesive and law-abiding workforce.

A three-day seminar commenced with a warm welcome from the College Management, expressing their delight at the arrival of fresh talents. The event was facilitated by experts in the field of public service governance from the President's Office, Public Service Management and Good Governance.

College-Staff Meeting

In a remarkable display of unity and collaboration, MUCE convened an all-staff meeting on 5th June 2023. The gathering served as an important platform for raising awareness about Higher Education for Economic Transformation (HEET) Project and provided staff members with insights into its current status and upcoming activities. HEET is a five-year project, through World Bank support, which aims to promote higher education as a catalytic force in the new Tanzanian economy.



MUCE members of staff during the College-staff meeting

The meeting also facilitated open discussions on matters pertinent to staff welfare. Staff members were given the opportunity to voice their concerns, raise questions and share suggestions for improvement. This inclusive approach aimed to nurture a supportive and harmonious work environment, where every staff member's perspective is valued and considered.

The all-staff meeting signified the unity and collaborative spirit that defines our College.

New Communication and Marketing Unit of UDSM Introduces its Role during its Visit to MUCE

The Communication and Marketing Unit (CMU) team from the University of Dar es Salaam, Mwalimu J. K. Nyerere Campus, paid a visit to MUCE on 10th August 2023 to acquaint the administrative and academic staff with their newly established roles.

Led by Dr. Dotto Paul Kuhenga, the Head of CMU, the team included Mr. Ally M. Mambele, the Marketing Officer and Ms. Zamda George and Ms. Mercy Machange, both Public Relations Officers.

During the visit to MUCE, the CMU team explained the importance of CMU's responsibilities in enhancing UDSM's engagement with the community, potential students and stakeholders. This effort is part of UDSM's commitment to fostering effective communication and maintaining its reputation as a leading institution of higher learning in the country.



Dr. Fikira Kimbokota (in the middle of the front line), Acting Deputy Principal - Planning, Finance, and Administration, in a group photo with the Communication and Marketing Unit (CMU) team from the University of Dar es Salaam, Mwl. J. K. Nyerere Campus, led by Dr. Dotto Kuhenga (fourth from left). The photo also includes staff members from MUCE.



MUCE Hosts Teaching Practice Pre-Supervision Seminar for Academic Staff

To enhance the effectiveness of teaching practice and ensure the success of the 2022/2023 Academic Year, MUCE organized a crucial two-day teaching practice pre-supervision seminar on 3rd and 4th August 2023. This seminar aimed to equip academic staff with the essential knowledge and skills required to proficiently evaluate and supervise student-teachers.

The event brought together educators and facilitators from diverse disciplines, fostering an interactive platform for sharing insights and best practices in the supervision and assessment of student-teachers.



Mr. Emmanuel Mng'ong'o



Dr. Orestes Kapinga



Dr. Mariana Mhewa



Dr. Vicent Jalang'o



Dr. Ashura Jackson



Dr. John Kalolo



Prof. Deusedit A. Rwehumbiza
Acting Principal

Facilitators of the teaching practice pre-supervision seminar



Seminar to Equip Finalists with the Skills to Navigate Challenges for the Life After Graduation

As the academic year drew to a close, MUCE organized a highly beneficial seminar on 19th June 2023, aimed at preparing its finalists for the challenges and opportunities that await them in the real world. The seminar was facilitated by a panel of esteemed educators from Faculty of Humanities and Social Sciences, including Dr. Helena Myeya, Dr. Philpo John, Dr. Ashura Jackson and Mr. Gabriel Ndimbo. The facilitators shared their expertise and insights with the eager attendees, offering valuable guidance on various aspects of life after graduation.

The seminar focused on topics that are crucial for a successful transition from university life to the professional world. These include writing an effective job application letter and an outstanding curriculum vitae (CV), mastering interview skills, nurturing entrepreneurial aspirations and unlocking scholarship opportunities.



One of the facilitators of the training, Dr. Philpo John



Participants of the training



One of the facilitators of the training, Dr. Ashura Jackson

MUCE Management Meeting with New DARUSO Leaders



MUCE management together with DARUSO-MUCE leaders

On 28th July 2023, MUCE management conducted a meeting with the newly elected leaders of DARUSO-MUCE. The meeting aimed to introduce new DARUSO-MUCE leaders to the College Management team and offer them guidance on their dual roles as students and leaders. The meeting also served as a platform for the management to familiarize the newly elected DARUSO-MUCE leaders with the College's administrative processes and academic matters. The leaders, who include the President, Prime Minister and Minister of Education within the DARUSO structure, received insights into how to effectively fulfil their responsibilities.



Exam Quality Insights

Ensuring the integrity and quality of university examinations is paramount at MUCE. Each year, the College organizes seminars aiming to orient academic staff members on best practices during the university examinations. This year, on 24th June 2023, MUCE hosted a seminar addressing the invigilation of university exams and related quality assurance matters. This seminar served as a crucial platform for participants to delve into the essential rules and regulations governing examination invigilation while seeking ways to enhance the overall quality of the examination process.

Through this seminar, attendees had the opportunity to engage in open discussions surrounding the various challenges and best practices associated with supervising university exams. Valuable insights and experiences were exchanged, leading to a deeper appreciation of the intricacies involved in maintaining a fair and secure examination environment.

Key seminar topics included examination formats and the critical role they play in upholding academic integrity. Additionally, the event highlighted the responsibilities of Internal and External Independent Examiners in the examination document review process. Issues related to quality assurance were also a central focus of the seminar's agenda.

MUCE's commitment to upholding high academic standards and promoting fairness and academic rigour throughout its educational process is reaffirmed through the organization of such informative and inclusive seminars.



Prof. Deuseddit A. Rwehumbiza
Acting Principal



Acting Deputy Principal - Administration,
Planning and Finance, Dr. Fikira Kimbokota
conversates with Acting Principal Prof.
Deuseddit A. Rwehumbiza



Director of Undergraduate Studies, Dr.
Godlisten Shao

Members of Disciplinary Committees of MUCE held its Orientation Seminar

In an effort to reinforce ethical standards and tackle corruption, members of the two committees (Leadership and Management Committee and Integrity Management Committee) of MUCE gathered at MUCE for a highly anticipated seminar on 17th June 2023.



Facilitators of the training (second and third from right in the front row) in a group photo with members of two MUCE's disciplinary committees (Leadership and Management Committee and Integrity Management Committee).

The seminar's primary objective was to reinforce the capacity of all committee members to address matters related to morals and corruption, fostering a culture of integrity and promoting effective leadership within the academic institution.

Training on Risk Register Preparation

MUCE hosted a two-day training on preparing risk registers, which took place from 20th to 21st June 2023. The training aimed to provide attendees with the knowledge and expertise required to effectively identify, assess and manage risks within their respective units/departments/faculties. The seminar was facilitated by Dr. Ernest Mwasalwiba, a seasoned academic and expert in risk management, from Mzumbe University, Morogoro.



Participants of the training



Hearing Assessment and Rehabilitation Programme

On 3rd April 2023, experts from the Ministry of Education, Science, and Technology conducted a hearing assessment and rehabilitation programme for students and staff at MUCE. The event was held in the Faculty of Education and was aimed at identifying hearing impairments among students and staff and providing the necessary rehabilitation services.

The exercise started with a presentation on the importance of hearing and the consequences of hearing impairments. The experts then proceeded to conduct hearing tests on the participants using modern equipment. The tests were quick and painless. The rehabilitation services were provided free of charge.

The hearing assessment and rehabilitation exercise was also a reminder of the importance of regular hearing assessments and the need to provide rehabilitation services to those with hearing impairments.



Experts conducting hearing assessments to MUCE students

National Education Stakeholders Symposium on Curriculum Development and Policy Review

From 12th to 14th May 2023, a gathering of education stakeholders from across the country met in Dodoma at the esteemed Jakaya Kikwete Convention Centre to engage in extensive discussions on the crucial revision of the education policy and curriculum of 2014, 2023 edition. Additionally, the symposium aimed to address the development of new curricula for pre-primary, primary, secondary, and teacher education in the country. Like other campuses of the University of Dar es Salaam (UDSM) that were represented by CEOs and their deputies dealing with academics, MUCE was represented by the



Deputy Vice Chancellor - Academic (UDSM), Prof. Bonaventure I. Rutinwa (right) with the former MUCE Principal, Prof. Esther W. Dungumaro (in the middle) and the then Deputy Principal - Academic, Research and Consultancy at MUCE, Prof. Deusdedit A. Rwehumbiza.

former Principal, Prof. Esther W. Dungumaro and the then Deputy Principal (Academic, Research and Consultancy), Prof. Deusdedit A. Rwehumbiza, who is currently the Acting Principal of MUCE. They all played a pivotal role in ensuring that the interests and concerns of their respective institutions were effectively communicated and addressed during the deliberations.



LIKE THE GRADUAL EROSION OF SAND BY THE SEA, MORAL EROSION SILENTLY EATS AWAY AT THE FOUNDATIONS OF OUR SOCIETY, LEAVING BEHIND A BARREN AND DESOLATE LANDSCAPE: WE ALL HAVE A ROLE TO PLAY IN STOPPING MORAL DECADENCE

On the commemoration of the Union Day between Tanganyika and Zanzibar on 26th April 2023, Mkwawa University College of Education (MUCE) held a debate on moral decadence to discuss the role of the Government, educational institutions, religions, defence and security force and other stakeholders in preventing moral decadence in the community. The debate was facilitated by Dkt. John Kalolo, a Lecturer at MUCE, who opened the discussion by highlighting the importance of morality in the society citing examples from MUCE. He emphasized that moral decadence has become a growing concern in Tanzania, and it is essential to address it through collaborative efforts. Inspector Elijah Bundala from the Police Gender and Children Desk in Iringa, Ms. Raymonda Lugala - Coordinator of Healing Ministry, Catholic Charismatic Renewal Tanzania in Iringa region, and Mr. Aggrey B. Ng'owo from Mkwawa Secondary School also participated in the debate as panelists. The panelists discussed various factors contributing to moral decadence in the society, including the breakdown of family values and lack of moral education in schools. They also talked about the role of religion in shaping moral values and the importance of strengthening community-based initiatives to promote positive moral values. The panelists emphasized the need for a multi-sectoral approach to address moral erosion,

Various photos during the event



with the government playing a crucial role in providing policies and strategies to combat the issue. They also highlighted the importance of educational institutions in imparting moral values to students and the need for parents to take an active role in shaping their children's moral values.

In his opening remarks, Prof. Deusdedit A. Rwehumbiza, Acting Principal, emphasized the importance of sustaining such discussions and collaborations to prevent moral decadence in society. He thanked the panellists and participants for their valuable contributions to the debate and urged them to take action in their respective areas of influence to promote positive moral values.

The debate on moral decadence held at MUCE was a significant step towards creating awareness and addressing the issue of moral decadence in Tanzania. It was a reminder that the responsibility of promoting positive moral values lies with all stakeholders in the society.



Prof. Deusdedit A. Rwehumbiza,
Acting Principal

Training on Surveying for Geography Teachers from Secondary Schools in Iringa Municipality

On 4th March 2023, MUCE hosted the training on surveying and mapping science for Geography teachers from secondary schools in Iringa Municipality. The event was held at MUCE and participated by 19 Geography teachers. We really appreciate the excellent facilitation of this training by Geography tutors from MUCE.



MUCE members of academic staff in a group photo with Geography teachers from Secondary Schools in Iringa Municipality during the training on Surveying

This training resulted from a similar training held at MUCE on 27th May 2022 to Kihesa secondary school students. Since then, the College has received several applications to organize this kind of training from various schools in Iringa municipality. However, our members of academic staff, besides teaching, which is their primary responsibility, are also responsible for conducting research and publishing. Thus, it sometimes makes it hard for them to prepare and facilitate the training session to students directly. Therefore, MUCE organised this session for Geography teachers in the form of "training of the trainers" to enable them to impart the gained knowledge and skills to students in their respective secondary schools.

The visit of the UDSM Acting Deputy Vice-Chancellor – Research at MUCE

On 14th march 2023, the Acting Deputy Vice-Chancellor – Research of the University of Dar es Salaam (UDSM), Prof. Nelson M. K. Boniface, visited MUCE to learn about the opportunities and challenges of research at the College. During this visit, Prof. Boniface and his colleagues, Dr. Mathew Senga – Research Grant Coordinator and Ms. Finner Evarest – Administrative Officer, discussed with Directors and Heads of Academic Units/Departments and UDASA-MUCE representatives opportunities and challenges in research at MUCE.



Acting Deputy Vice Chancellor – Research, Prof. Nelson M. K. Boniface



Acting Deputy Vice Chancellor – Research, Prof. Nelson M. K. Boniface in a group photo with MUCE top Management and participants of the discussion

A number of challenges related to the research fund, publications vetting and promotion, research and innovation week and web-based management systems (Research Information Management Systems – RIMS) were discussed.

MUCE members of staff also suggested the office of DVC – Research to reevaluate the one-year duration for the implementation of some of the research projects, especially in science disciplines.

This duration is unrealistic as many research activities are affected by a number of factors, including climate change and experiments, which take time to send the samples abroad for laboratory testing.

The visit of Acting DVC – Research to MUCE and other UDSM campuses is a continuous plan for his office to collect opinions from stakeholders and address them collectively.

In his closing remarks, Prof. Deusdedit A. Rwehumbiza, MUCE's Acting Principal, thanked the Acting DVC – Research and his team for the initiatives to visit MUCE and other University Campuses, i.e., colleges and constituent colleges, to get their opinions on improving research at the University of Dar es Salaam.

MUCE Health Centre Organizes Empowering Workshop for Students, Promoting Health Awareness

In an effort to prioritize the well-being of its students, MUCE Health Centre hosted a highly informative workshop on campus held on 6th May 2023. The event aimed to enhance students' knowledge of various diseases such as HIV/AIDS, diabetes, and high blood pressure. The workshop also provided an opportunity for students to access essential health services throughout the day.

Throughout the day, the students had the opportunity to attend interactive sessions led by healthcare professionals. These sessions covered a wide range of topics related to common health concerns, including preventive measures, early detection, and management of diseases. The students actively participated in discussions, gaining valuable insights and practical knowledge to safeguard their health.

In addition, healthcare professionals diligently provided screening for HIV, diabetes, and high blood pressure, allowing students to assess their health status and take appropriate action if necessary. These screenings were a crucial component of the workshop, as they enabled early detection and intervention, emphasizing the importance of preventative healthcare.

Various photos taken during the event



Fostering Connections and Renewed Focus: MUCE's Social Events Promoting Staff Well-being and Collaboration

Recognizing the significance of fostering social connections and rejuvenating the workforce, MUCE encourages its staff to take breaks from work and engage in socializing activities. During a recent

reporting period, MUCE organized two remarkable social events that provided a platform for faculty members to come together, unwind, and plan for future endeavours. These events were held at the Ilundamatwe Eco Tourism Cultural Centre, creating a vibrant and inviting atmosphere.

The first event took place on 20th May 2023, and was hosted by the members of staff in the Department of Chemistry, Faculty of Science. The second event took place on 27th May 2023 and was hosted by the Faculty of Humanities and Social Sciences. The events were delightful get-together parties that offered an opportunity for colleagues to socialize and strengthen their bonds outside the confines of the workplace. By stepping away from work-related responsibilities, the attendees were able to recharge their spirits, foster camaraderie, and develop a renewed focus on their professional endeavours.



Prof. Nelson Boniface, Ag. Deputy Vice Chancellor, Research - UDSM (seated middle), Prof. Stephen Maluka, DUCE Principal (first right) and Dr. Juliana Machuve, Coordinator of Innovation - UDSM with exhibitors

MUCE Showcases Innovative Solutions at the Innovation Week Tanzania 2023

Mkwawa University College of Education (MUCE) was one of the participants at the

Innovation Week Tanzania 2023, formerly known as the National Competition on Science, Technology and Innovation (in Swahili MAKISATU), which was held in Dodoma from 24th to 28th April 2023. The event provided a platform for innovators, policymakers, corporate entities, development partners, researchers, and other players to share their innovative ideas and transform the socio-economy of Tanzania. It aimed to promote innovation, create awareness of the importance of science, technology, and innovation, and provide an opportunity for innovators to showcase their solutions to various challenges.

The event was attended by Dr. Lewis Mutashobya, a researcher and lecturer at MUCE, and Dr. Ponsiano Kanijo, Head of Communication and Marketing Unit at MUCE. Dr. Mutashobya presented his research work on transforming ripe brewing banana fruits into bioethanol fuel, and Dr. Kanijo, on the other hand, showcased MUCE's achievements, explained core activities of the College and degree programmes offered.



Various photos during the event

Every year, the world comes together to commemorate International Workers' Day, also known as Labour Day or May Day, as a way to honor and appreciate the invaluable contributions made by workers towards the development of economies worldwide. Regionally, the Workers' Day was celebrated in Mafinga, in Iringa region, in which the Guest of Honour was none other than the esteemed Regional Commissioner of Iringa, Hon. Halima Omary Dendego.

Embracing the Spirit of Labour: MUCE's Recognition at the International Workers' Day Celebration in Mafinga, Iringa

The celebration attracted workers from various sectors, representing both public and private institutions. MUCE was among the public institutions which attended the event.

During the event, MUCE proudly announced and congratulated its very own Mr. Fadhili Ngajiro as the Overall Best Worker at MUCE in 2023. Mr. Ngajiro works as Admission Officer in the Directorate of Undergraduate Studies.



Mr. Fadhili Ngajiro - Overall Best Worker at MUCE in 2023



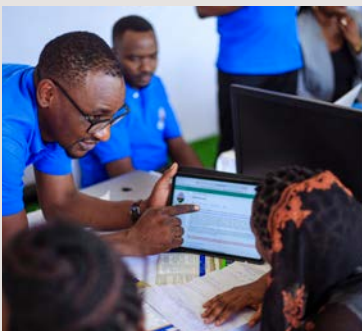
MUCE Showcases Research and Degree Programmes at Two Exhibitions

In a bid to highlight its research endeavours, degree offerings, and diverse activities, MUCE proudly participated in two prominent exhibitions. The 47th Dar es Salaam International Trade Fair (Sabasaba), held from 28th June to 13th July 2023, and the 18th Higher Education, Science and Technology Exhibitions, held from 17th to 22nd July 2023, both took place in Dar es Salaam.

Deputy Vice Chancellor (Academic) of the University of Dar es Salaam Prof. Bonaventure T. Rutinwa (left) presents MUCE Newsletter for 2022 to the esteemed Chancellor of the University of Dar es Salaam and the Fourth President of the United Republic of Tanzania, Hon. Dr. Jakaya Mrisho Kikwete, at the 47th Dar es Salaam International Trade Fair 2023.



Various photos taken during the 47th Dar es Salaam International Trade Fair (Sabasaba)



Various photos taken during the 18th Higher Education, Science and Technology Exhibition



8TH UNIVERSITY OF DAR ES SALAAM RESEARCH AND INNOVATION WEEK AT MUCE

This year, the 8th University of Dar es Salaam Research and Innovation Week (RIW) at Mkwawa University College of Education (MUCE) was held from 19th to 21st April 2023. The Guest of Honour at this event was the Permanent Secretary in the Ministry of Education, Science and Technology (MoEST), Prof. Carolyne Ignatius Nombo, who was represented by Assistant Director for Higher Education, MoEST, Dr. Evaristo Mtitu. The event was a great success, attracting 54 research outputs in six categories.

The event was organized to showcase the latest innovations and research projects by students and faculty members of the

University of Dar es Salaam at MUCE. The theme of the event was "Impactful Research and Innovation for Socioeconomic Well-being in Tanzania," and the research outputs showcased were focused on finding solutions to some of the most pressing socioeconomic challenges facing Tanzania.

The Permanent Secretary in the Ministry of Education Science and Technology praised the efforts of the University of Dar es Salaam in organizing such events. In her speech, presented by Dr. Evaristo Mtitu, (Assistant Director for Higher Education – MoEST), she noted that research and innovation are crucial to the development of any country,

and that the government is committed to supporting initiatives that promote research and innovation.

The research outputs presented at the event covered six categories, namely best multidisciplinary impact research group project (Category 1), best impact researcher of the year (Category 5), best impact innovator of the year (Category 6), best postgraduate innovation project (Category 7), best undergraduate innovation project (Category 8) and best outreach project (Category 9). The outputs were judged by a panel of experts, and awards were given on 21st April 2023 to the winner(s) in each category.



WINNERS OF THE 8th UDSM RESEARCH AND INNOVATION WEEK AT MKWAWA UNIVERSITY COLLEGE OF EDUCATION

BEST MULTIDISCIPLINARY IMPACT RESEARCH GROUP

1

PROJECT: ENHANCEMENT OF TOURISM INDUSTRY THROUGH CREATION OF NEW TOURIST PRODUCTS WITHIN SOUTHERN HIGHLANDS ON THE BASIS OF EXISTING TANZANIA ZAMBIA RAILWAY

Prof. Jerzy Gilarwoski, Dr. Helena Myeya, Dr. Mirau Mbise, Dr. Venderine Tairo and Dr. Fokas Nchimbi

2

PROJECT: LOCAL COMMUNITIES LIVELIHOODS STRATEGIES UNDER A CHANGING CLIMATE IN THE GREAT RUAHA CATCHMENTS AREA

Dr. Helena Myeya, Prof. Jerzy Gilarowiski, Dr. Mirau Mbise and Lucy Kassian

3

PROJECT: NUTRIENTS AND ELEMENTAL COMPOSITION OF MEDICINAL HERBS FROM KILOLO TO ENHANCE THEIR UTILISATION AS FOOD SUPPLEMENTS

Dr. Elianaso Elimbinzi, Dr. Vendeline Tairo, Dr. Fanuel Ligate, Mr. Plassidius Chengula, Dr. Godlisten Shao, Mr. John Mkungu and Dr. Christina Pius

BEST IMPACT INNOVATOR OF THE YEAR

1

PROJECT: ENHANCEMENT OF TOURISM INDUSTRY THROUGH CREATION OF NEW TOURIST PRODUCTS WITHIN SOUTHERN HIGHLANDS ON THE BASIS OF EXISTING TANZANIA ZAMBIA RAILWAY

Prof. Jerzy Gilarwoski, Dr. Helena Myeya, Dr. Mirau Mbise, Dr. Venderine Tairo and Dr. Fokas Nchimbi

2

PROJECT: TRANSFORMING LEACHATE INTO CHEAP FERTILISER FOR IMPROVING AGRICULTURAL PRODUCTIVITY AND WASTE RECYCLABILITY

Dr. Christina F. Pius, Dr. Godlisten Shao and Dr. Washa Washa

3

PROJECT: INNOVATION OF MUSHROOM CULTIVATION (INDUSTRIALIZATION) AT A FAMILY LEVEL

Dr. Washa Washa

BEST IMPACT RESEARCHER OF THE YEAR

- 1 **DR. JACQUELINE AMANI**
- 2 **DR. DANIEL FUSSY**
- 3 **DR. CHAKUPEWA MPAMBIJE**

BEST UNDERGRADUATE INNOVATION PROJECT

- 1 **PROJECT:** COAL MINING FOR DOMESTIC USE
Ms. Anna Tresphory Emmanuely and Mr. Kizungu Issah (supervisor: Dr. Sospeter Jibunge)
- 2 **PROJECT:** SIMPLE SOIL CLASSIFICATION
Mr. Abeid Moses Jumaa (supervisor: Ms Doris Masha)
- 3 **PROJECT:** BIOETHANOL PRODUCTION FROM FERMENTED SUGARCANE JUICE: A RENEWABLE ENERGY RESOURCE TO INCREASE EFFICIENCY OF KEROSENE FUEL
Ms. Maria Shomari Kintu (supervisor: Dr Stephano Hanolo Mlozi)

BEST POSTGRADUATE INNOVATION PROJECT

- 1 **PROJECT:** NUTRITIONAL COMPOSITION AND ANTIOXIDANT ACTIVITY OF MUCUNA PRURITUS VAR UTILIS(VELVET BEAN) SEEDS, A CASE STUDY OF NANYUMBU DISTRICT
Ms. Florence Boniface (supervisors: Dr. Washa B. Washa and Dr. Nnungu Stephen)
- 2 **PROJECT:** EVALUATION OF THE EFFICACY OF SYNTHETIC PHEROMENE FOR MATING DISRUPTION FOR FALL ARMYWORM(SPODOPTERA FRUGIPERDA) IN MAIZE; A CASE OF IRINGA DISTRICT, TANZANIA
Ms. Joyce Dismas (supervisor: Prof. Teun Dekker, Dr. Fikira Kimbokota and Dr. Edson Ishengoma)
- 3 **PROJECT:** ASSESSING THE EFFECTIVENESS OF TARGETED MINUTA AND AZADIRACHTA INDICA EXTRACTS IN CONTROLLING INSECT PESTS OF CABBAGE IN IRINGA
Mr. Levocatus Rwegoshora ((supervisors: Dr. Vendeline Tairo and Dr. Moses Olotu)

BEST OUTREACH PROJECT

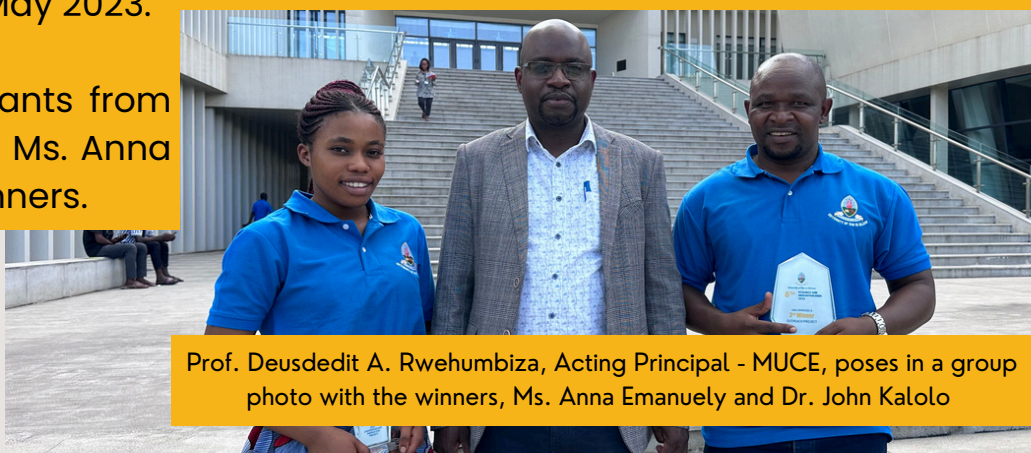
- PROJECT:** TEACHERS PROFESSIONAL DEVELOPMENT PROGRAM ON COMPETENCE BASED ASSESSMENT
Dr. John Fungulupembe Kalolo

8TH UNIVERSITY OF DAR ES SALAAM RESEARCH AND INNOVATION WEEK AT THE UNIVERSITY LEVEL

All first-place winners from MUCE attended the University of Dar es Salaam Research and Innovation Week at the University Level which was held at UDSM, Mwalimu Nyerere Campus from 23rd to 25th May 2023.

At the event, two participants from MUCE, Dr. John Kalolo and Ms. Anna Emanuely, emerged as winners.

Dr. Kalolo came in third place in the category of best outreach project, and Ms. Anna earned second place in the category of best undergraduate innovation project.



Prof. Deuseddit A. Rwehumbiza, Acting Principal - MUCE, poses in a group photo with the winners, Ms. Anna Emanuely and Dr. John Kalolo

Capturing the Brilliance: A Glimpse into the 8th UDSM Research and Innovation Week through Pictures



The photo above shows Dr. John F. Kalolo, the recipient of the third prize in the Best Outreach Project category, alongside Ms. Anna T. Emanuely, who secured the second prize in the Best Undergraduate Innovation Project during the 8th UDSM Research and Innovation Week at the University Level. The first picture on the left shows MUCE exhibitors with Prof. William A. L. Anangisy, Vice Chancellor of the University of Dar es Salaam. Below are that are the winners alongside Dr. Selina Mkimbili, Director of Research and Innovation (MUCE). The other photo depicts all the participants from MUCE who attended the event.





Dr. Evaristo Mtitu - Assistant Director for Higher Education, MoEST with Dr. Fikira Kimbokota, Acting Deputy Principal, Planning, Finance and Administration, MUCE, following one of the presentations.

International Conference on Science and Technology for Industrial and Societal Applications

We are excited to share the highlights of the recently concluded 2nd Faculty of Science International Conference on Science and Technology for Industrial and Societal Applications organized and hosted by the Faculty of Science, MUCE.



The Guest of Honour, Dr. Evaristo Mtitu - Assistant Director for Higher Education in the Ministry of Education, Science and Technology poses in a group photo with MUCE Management (seated), guest speakers and conference attendees.

The conference brought together renowned scholars, researchers, and participants from around the world to discuss and explore the role of science and technology in addressing industrial and societal challenges.

The conference received an overwhelming response, with 89 abstracts submitted from institutions across different countries. Participants from renowned universities such as Seoul National University of Science and Technology, University of Dar es Salaam, University of Pretoria, University of Rwanda, and many more contributed their expertise and insights.



Conference participants

We would also like to express our sincere thanks to the Guest of Honour, Prof. James Mdoe – Deputy Permanent Secretary, Science Technology and Higher Education, Ministry of Education, Science, Technology, who was represented by Dr. Evaristo Mtitu – Assistant Director for Higher Education in the Ministry, for agreeing to attend and officiate the conference.

We extend our heartfelt gratitude to our sponsors – Kyungbook National University, and Cheongju University – who collaborated with MUCE, for their support for this conference.



Guest speakers (three in the middle) posing with MUCE staff, Dr. Talam Kibona (first left), Dean Faculty of Science, and Dr. Amos Ntarisa (first right), a staff completed PhD studies from Kyungbook National University in the Republic of Korea, where the Keynote speaker, Professor Hong Joo Kim (second from left) comes from.

We were honoured to have distinguished scholars and researchers as our keynote and guest speakers. Professor Hong Joo Kim from Kyungbook National University in the Republic of Korea shared his profound knowledge and experiences, inspiring attendees with his exceptional research contributions. Additionally, Professor Jakrapong Kaew khao from Nakhon Pathon Rajabhat University in Thailand and Professor SungHwan Kim from Cheongju University in the Republic of Korea enlightened us on their expertise in Glass Technology and Materials Science.



As we reflect on the enriching experience of the conference, we are confident that the knowledge exchanged and networks established during this event will continue to inspire groundbreaking research and advancements in science and technology.



Photos showing conference participants



GLOBALIZING EDUCATION: INTERNATIONALIZATION IN ACTION AT MUCE

Internationalization at higher learning institutions is crucial for several reasons. It prepares students for a globalized world, enhances the quality of education and research, promotes collaboration and partnerships, and attracts top talents. Importantly, internationalization exposes students and staff to a diverse range of cultures, languages, and perspectives. This exposure enhances their understanding of the world, broadens their horizons, and prepares them for success in a globalized workforce. Furthermore, internationalization promotes the exchange of ideas, knowledge, and best practices in teaching and learning. This exchange can lead to the development of innovative teaching methods, new areas of research, and the adoption of best practices from around the world.

MUCE STAFF AND STUDENTS VISITED SGH UNIVERSITY IN WARSAW, POLAND

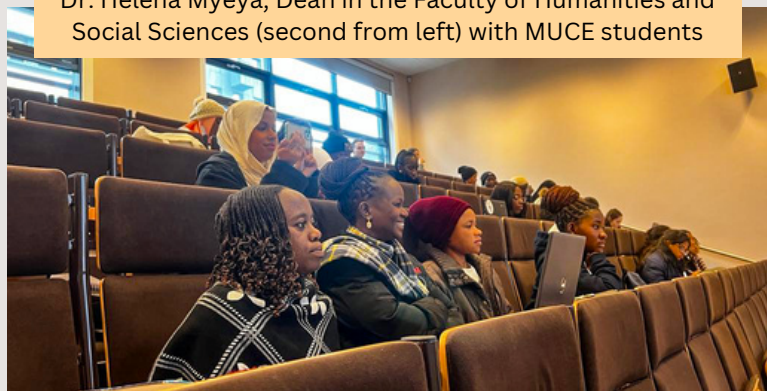
A team of five people from Mkwawa University College of Education (MUCE) recently visited SGH University in Warsaw, Poland as part of an exchange programme between the two institutions.

The visit, which took place from 27th March to 7th April 2023, aimed at fostering academic and cultural exchange between the two institutions.

MUCE team included four students – Ms. Hidaya Ngoli, Ms. Agnes Josephat, Ms. Saida Mbinda and Mrs. Leah Mollel – and Dr. Helena Myeya, the Dean of Faculty of Humanities and Social Sciences. During their visit, the team participated in a variety of academic and cultural activities, including lectures, seminars, and workshops on business management and entrepreneurship.

The exchange programme provided MUCE team with a valuable opportunity to learn about business practices in Poland, as well as to interact with students and faculty at SGH University. They also had the chance to experience the culture and history of Warsaw, visiting museums and cultural sites in the city. The exchange programme between MUCE and SGH University is an important initiative that promotes international understanding and cooperation in the field of education.

Dr. Helena Myeya, Dean in the Faculty of Humanities and Social Sciences (second from left) with MUCE students



Various photos during the visit

The exchange programme between MUCE and SGH University is an important initiative that promotes international understanding and cooperation in the field of education.



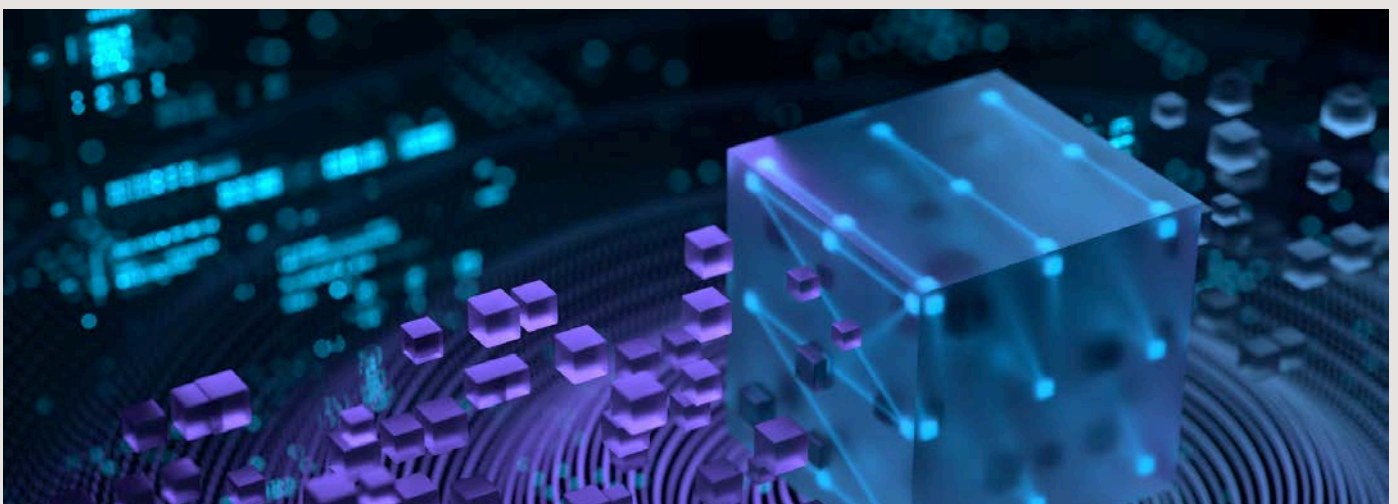
Dr. Amos V. Ntarisa, MUCE Lecturer in Physics in the Faculty of Science at MUCE

In an extraordinary achievement that extends the reach of Mkwawa University College of Education (MUCE) far beyond its borders, Dr. Amos V. Ntarisa, a Lecturer in Physics at MUCE, recently assumed the prestigious role of Guest Scientist at the Centre of Excellence in Glass Technology and Material Science (CEGM), located at Nakhon Pathom Rajabhat University in Nakhon Pathom, Thailand.

Underlining the significance of his academic sojourn, Dr. Ntarisa also had the privilege of participating in the 6th International Conference on Applied Physics and Material Applications, a prestigious event held from 6th to 9th December 2023.

"Viva Ntarisa!" You have made MUCE and its community proud, and we eagerly anticipate the new horizons your research will continue to explore.

Dr. Amos V. Ntarisa, MUCE Lecturer, Shines on the Global Stage



SCHOLARS FROM UNIVERSITY OF OHIO AND UNIVERSITY OF ESSEX VISITED MUCE

In realizing Internationalization objectives, a team of three scholars from the University of Ohio, USA and the University of Essex, UK paid an academic visit to MUCE from 24th April to 8th May 2023. The team comprised Martha Johnson – University of Ohio; and Teresa Poeta and Colin Reilly – both from University of Essex. The scholars are experts in linguistics.



Guests and MUCE staff

During their two-week visit, the scholars conducted a mini-workshop on fieldwork and writing a good grant proposal for members of staff in the Department of Languages and Literature and postgraduate students. The workshop was highly informative and provided valuable insights to the attendees into how to conduct fieldwork and write a grant proposal that is likely to receive funding.

In addition to the workshop, the team held meetings with members of staff in the department to discuss the possibilities of starting collaborations in research. The discussions were highly fruitful, and both parties expressed interest in working together on various research projects in the future.

Furthermore, the team provided consultations to students and staff to guide them on their future plans, specifically regarding further studies. The consultations were highly beneficial, and the students and staff were grateful for the opportunity to receive guidance from such esteemed scholars.

The visit of Martha Johnson, Teresa Poeta, and Colin Reilly was highly anticipated and exceeded expectations.



Photos taken after the min worship (left) and a meeting with the guests (right)

International Women's Day 2023



Each year, the world celebrates women's day on the 8th of March to uphold women's achievements, recognize their challenges and remind the world about women's rights and gender equality. This year, as in other previous years, 80 MUCE women,

joined other women in the Iringa region to celebrate International Women's Day at the regional level the event was held at Sun Flower Stadium in Kilolo District in Iringa region. The Guest of Honour for this event was the Regional Commissioner of Iringa, Hon. Halima Omary Dendengo, who, in her speech, expressed that no gender harassment for women and children will be tolerated in the region.

Each year, the world celebrates women's day on the 8th of March to uphold women's achievements, recognize their challenges and remind the world about women's rights and gender equality. This year, as in other previous years, 80 MUCE women, In 2023, the main theme for International Women's Day is "DigitALL: Innovation and technology for gender equality". According to the United Nations, 37% of women have no access to the internet; as such, they cannot develop the necessary digital skills to engage in digital space to pursue careers in science, technology, engineering and mathematics (STEM). Therefore, bringing women into technology will help create solutions to various challenges and promote gender equality.



The Association "Leave No Woman Behind in Academics" in its operation at MUCE



MUCE women with the Guest of Honour, Dr. Orestes Kapinga during the meeting

At MUCE, gender inclusion and balance are not just aspirations; they are the core values that guide the institution's mission. MUCE serves as a home for individuals and groups of people dedicated to promoting gender equality and human rights. One such remarkable association is "Leave No Woman Behind in Academics," established in 2019 with the noble goal of bringing women together and supporting them in their pursuit of academic dreams and aspirations. Currently, the association has 24 members across all three faculties at MUCE. The association acts as a platform for mutual support, camaraderie, and empowerment among women.



Dr. Jaquiline Amani,
Chairperson of the 'Leave
No Woman Behind in
Academics' Association

Prof. Jaquiline Amani, a passionate and vibrant scholar in the field of psychology, serves as the chairperson of this inspiring association. Driven by a deep commitment to women's empowerment, Prof. Jaquiline conceived the idea of creating this association to provide support for women in academia. She recognized the unique challenges that women face in balancing family responsibilities, work-related activities, and their academic pursuits. Prof. Jaquiline's vision was to unite women and provide them with the tools and strategies to overcome these challenges and achieve academic excellence.

In this month, the "Leave No Woman Behind in Academics" association held its annual meeting on 20th May 2023, at Sunset Hotel. The event was a moment of celebration, reflecting on the achievements over the past three years and discussing challenges faced by women in academia while seeking viable solutions.

A notable achievement of the association was the remarkable number of publications by its members. Over the course of three years, these women managed to publish a total of 49 articles, with 27 articles published between May 2022 and April 2023 alone. Moreover, they successfully developed 73 manuscripts during this period, with 39 currently under review and 34 in various stages of the writing process. In their work plan for the upcoming period between May 2023 and April 2024, these determined women have set a goal to publish 47 articles.

The Guest of Honour, Dr. Orestes S. Kapinga, the former Dean of the Faculty of Education, addressed the attendees during the event. Dr. Kapinga congratulated the association on its milestone achievements and encouraged the members to continue working hard while fostering collaboration with their male counterparts. He also took the opportunity to congratulate Dr. Ashura Jackson, an association member, on her recent promotion to Senior Lecturer position.



Members of the 'Leave No Woman Behind in Academics' Association the the Guest of Honour

The event was not limited to the association's members; male staff members were also invited to attend. Their presence served a dual purpose – to support and appreciate the accomplishments of the association and to provide their unique perspectives and suggestions to address the challenges faced by women in academia. Among the challenges highlighted was the need to secure research funds specifically designated for women who undertake initiatives like those fostered by the association.



Male MUCE staff who attended the event with the Chairperson of the Association, Dr. Jaquiline Amani

The annual meeting of the "Leave No Woman Behind in Academics" association served as a powerful reminder of the collective strength and determination of women in academia and their potential to reshape the academic landscape. As MUCE continues to foster a culture of gender equality and empowerment, it is anticipated that the association's accomplishments will inspire and empower more women to achieve academic excellence, creating a more inclusive and diverse scholarly community.



A group photo showing event's participants

To all women within MUCE community

We extend a warm invitation to each and every one of you to join "Leave No Woman Behind in Academics" association and embark on a transformative journey towards achieving your academic goals. This association is a vibrant and inclusive space created to empower and support women in their pursuit of excellence in academia. Together, we can break down barriers, overcome challenges, and uplift one another to reach new heights of success. Prof. Jaquiline Amani, Chairperson of the Association.



MUCE SIGNED A CONTRACT TO CONSTRUCT STUDENTS' HOSTELS AND LIBRARY

The construction will reduce the accommodation crisis and support advancing research for staff, postgraduate studies and community-related library needs.



MUCE was established as a Constituent College of the University of Dar es Salaam in 2005. Most of its infrastructure is inherited from the then Mkwawa High School, which was constructed in the 1950s. The student hostels were constructed to accommodate a small number of students (1,150), and so does the existing library, which had a capacity of 250 before expansion. Furthermore, the existing library cannot support modern technologies due to its small space. Thus, in the financial year 2022/2023, MUCE started to use the capital development fund from the Central Government and internally generated revenue to construct two hostels and a library.

The contract to construct new hostels was signed on 24th February 2023.

The construction of the hostels will involve two buildings, each with the capacity of 300 students. Each year, the College enrolls about 5,808 students. The completion of the new hostel will enable the College to provide accommodation to 1750 (30.1%) students from 1,150 (19.8%), which is the capacity of the existing hostels.

The construction of the students' hostel will reduce the current accommodation crisis at the College and ensure an environment that will enhance students' social and academic growth and safety.

Also, on 25th February 2023, MUCE signed a contract to construct a new library with a capacity of 1,500 users at a time, compared to the existing library, which has a capacity of 500 users (250 before the expansion and 250 after the expansion). The new library will enable the College to accommodate a total of 2,000 users. According to TCU guidelines (Handbook for Standard and Guidelines for University Education in Tanzania - 3rd Edition), an institution is required to build a library that accommodates 30% of its population. Therefore, the new library will have the sitting capacity of about 33.3% of the 6,000 MUCE population compared to 8.3% of the existing library.

The library building will consist of three floors. The library will contain an office pool, library office, study hall, book storage, general storage, circulation space (ramp, elevator, and staircase), and a computer laboratory.

The new library will not only support studies of different subjects but also be fit for advancing research for staff, postgraduate studies and community-related library needs.



A photo taken after MUCE signed contracts. Third from right is the Acting Principal, Prof. Deusdedit A. Rwehumbiza



A 3D photo of the proposed student hostel



A 3D photo of the proposed library

FACULTY OF HUMANITIES AND SOCIAL SCIENCES



DR. HELENA MYEYA
Dean, Faculty of Humanities
and Social Sciences

2023 was a remarkable year for us! We proudly acquired 12 new research projects and published 39 insightful publications. Join us as we continue our journey to explore, innovate, and make a difference.

Project title	Participants
Climate Change and Food Security Nexus in Tanzania: Enhancing Smallholder Farmers' Adaptation Strategies for Improving Household Crop Production in Dodoma Region	Dr. Tiemo Haule, Dr. Chakupewa Mpambije and Mr. Pima Masolwa
Gender and Perceptions of Legitimacy and Inheritance: A Comparison between Matrilineal and Patrilineal Societies in Tanzania	Dr. Helena Myeya, Dr. Livin Donath and Dr. Michael Mgonja
Enhancing modern beekeeping practices to increase productivity and income among beekeepers in Uyui and Sikonge Districts of Tabora region Western Tanzania	Dr. Michael Elias, Ms. Anasia Saria and Prof. Amos Majule
Predicting and understanding excessive use of alcohol using machine learning algorithms: A case of Rombo district in Kilimanjaro	Dr. Ubaya Msemwa, Ms. Joyce Kalistus and Dr. Livini Donath
Land Use Conflicts in tree planting surge: Manifestation and Mechanisms for Conflict Resolution in the Southern Highlands of Tanzania	Dr. Sospeter Jibunge, Prof. Esther W. Dungumaro and Dr. Justin Lusasi
Compositing of disposable diapers: Empowering women on management of Disposable Diapers for economic and environmental health improvement	Dr. Shakila Mteti, Dr. Ashura Jackson, Dr. Chakupewa Mpambije, Dr. Lewis Mtashobya and Mr. Pasiens Nazary Nyoni
Reconstructing Ecological Footprints of Diverse Human Activities in the Western Serengeti Ecosystem over the Last 500 Years	Dr. Titus Ombori and Dr. Sinyati Robinson Mar

Project title	Participants
Promoting Endogenous Knowledge through Oral tales in Tanzania Primary Schools: A Case of Sangu People in Mbarali District Michael	Dr. Kalenge Michael and Dr. Selina Mkimbili
Closing the financial inclusion gender gap to unlock women's entrepreneurial capacity in Tanzania	Dr. Cornel Joseph and Dr. Chakupewa Mpambije
Resource nationalism in Southern Africa	Prof. Richard Saunders and Dr. Japhace Poncian
The European Union and Africa in a Multi Crises World	Dr. Helena Myeya and Dr. Jerzy Gilarowski
Climate Adaptation and Resilience: Rural communities and agro-food industries along Kilombero River floodplains landscape.	Dr. Shirima, D., Dr. Marion Pfeifer, Ms. Sarah Osima and Dr. Hamidu Seki

PUBLICATIONS

- Dom, S., Bar-el, L., Kanijo, P. & Petzell, M. (2023). Middle voice in Bantu: in- and detransitivizing morphology in Kagulu. *STUF - Language Typology and Universals*, 76(2), 195-216. <https://doi.org/10.1515/stuf-2023-2008>.
- Dom, S., Bar-el, L., Kanijo, P. S. and Petzell, M. (2023). The noncausal/causal alternation in Kagulu, an East Ruvu Bantu language of Tanzania. *Journal of African Languages and Linguistics*, 44, (2), 129-153. <https://doi.org/10.1515/jall-2023-2008>.
- Ghambi, M., Haule, T. R., & Haulle, E. (2023). Enhancing household food security through flood disaster risk reduction in little Ruaha River Basin, Iringa district, Tanzania. *South African Geographical Journal*, 1-18.
- Issa, A., Lokina R., & Joseph, C. (2023). Ill Health and Labour Market Participation in Tanzania: Empirical Evidence from Tanzania National Panel Survey. *Tanzanian Economic Review*, 13 (2).
- Joseph, C., Leyaro, V., & Ndanshau, M. O. (2023). Education and Labour Earnings Inequality in Tanzania: Evidence from Quantile Regression Analysis. *Tanzanian Economic Review*, 13 (2).
- Kalenge M. (2023): Endogenous Environmental Conservation Awareness in Sangu Oral Tales. *Journal of the Geographical Association of Tanzania*, 42, (2), 53-70.
- Kalenge, M. (2023). Endogenous Environmental Conservation Awareness in Sangu Oral Tales. *Journal of the Geographical Association of Tanzania*, 42 (2).
- Kamangu, A. A., & Myeya, H. E. (2023). Exploring Young Peoples' Sexual Behaviours and the Underlying Factors in East Africa: A Review of Literature from Four Countries. *Journal of the Anthropological Survey of India*, 0(0). DOI: <https://doi.org/10.1177/2277436X231161172>.

PUBLICATIONS CONT.

- Kasebele, A. (2023). Mabadiliko ya Kijamii na Usawiri wa Mwanamke. Uchambuzi wa Wimbo wa Taarabu wa Isha Ramadhanii. *CHAUKIDU PRESS*. Pittsburgh, PA.
- Kasebele, A and Nchimbi F (2023). Matumiziya Kiswahili katikakukuzanakuendelezaUtaliinchini Tanzania: Mifano kutoka Mkoa wa Iringa a book chapter in Kiswahili katika Nyanja za Kimataifa, 409 – 429.
- Kawonga, G. A. (2023). Ikolojia ya Lugha Nchini Tanzania na Mustakabali wa Lugha za Jamii. *Mulika Journal*, 1(40).
- Kawonga, G. (2023). Kamisheni ya Kiswahili ya Afika Mashariki na Hatima ya Viswahili Sanifu. *CHAUKIDU PRESS*. Pittsburgh, PA.
- Kawonga, G. (2023). Mtazamo Mpya Kuhusu Lugha ya Kiswahili na Elimu ya Juu Nchini Tanzania. Conference proceeding (DUP), Tanzania.
- Maluka, S.O., Mpambije, C.J., Kamuzora, P.C. & Fitzgerald, S. (2023). The effects of community-based interventions on the uptake of selected maternal and child health services: experiences of the IMCHA project in Iringa Tanzania, 2015-2020. *BMC Pregnancy and Childbirth*, 23(328), pp. 1-13.
- Manyerere, D. J., & Mpambije, C. J. (2023). Rethinking the Terrain of Ghost Workers in Sub-Saharan Africa: A Manifestation of the Governance Status and Poverty Dilemma. *Tanzania Journal of Development Studies*, 20(1), 21–41.
- Mayo, B. D. (2023). From Public Ownership to Joint Venture Privatisation of Parastatals: A History of the Tanzania-China Friendship Textile Mill, 1968-2020. *Tanzania Zamani*, 14(1), pp. 80-132.
- Mbise, M. and Jibunge, S.C. (2022). Farm-level crop price as factor for increased maize production in Ludewa district, Tanzania. *ASRIC Journal on Agricultural Sciences*, 1: 28-39.
- Mgalula, M.E., Richter, U., Hensel, O. et al. Mapping cropland evolution based on biophysical data and cropping history in the Borana rangelands, Southern Ethiopia. *Reg Environ Change*, 23, 80 (2023). <https://doi.org/10.1007/s10113-023-02075-6>.
- Mgaya, E. S. (2023). The Meaning, Spiritual Foundation and Mythology of African Sacred Landscapes: The Case of Sacred Forests among the Bena of Njombe, Tanzania. *Journal of Religion in Africa*, 1(aop), 1–28.
- Mgaya, E. S. (2023). The changing practices of sacred forests in Njombe, Tanzania: Colonial encounters 1880s-1961. *International Review of Environmental History*, 9(1), 5-28.
- Mkonda, M. Y., Minja, G. S., Ligate, E. J., Kaganga, L. S., Haule, T. R., & Msemwa, U.S. (2023). Accumulation of SOC in relatively undisturbed tropical mountain foothills under climate change scenarios: The case of Uluguru Mountain, Tanzania. *Arabian Journal of Geosciences*, 16 (7), 445.
- Mtego, D. (2023). Ruwaza za Ujalizaji wa Vitenzi vya Kiswahili Sanifu. *Kioo cha Lugha*, 20(2).
- Mtesigwa, F. & John, F. (2023). Implementation of Competence-Based Language Teaching Approach in Tanzania Lower Secondary Education English Classrooms, Conference proceeding (DUP), Tanzania.
- Nchimbi, F. (2023). Matumizi ya Kiswahili katika Ujumuishaji wa Kidemokrasia kwenye Uchaguzi Nchini Tanzania. *Mulika Journal*, 41(2).
- Nchimbi, F. (2023). Matumizi ya Fasihi Simulizi katika Kampeni za Uchaguzi Tanzania: Tathmini ya Dhima ya Nyimbo. *CHAUKIDU PRESS*. Pittsburgh, PA.

PUBLICATIONS CONT.

- Nchimbi, F. (2023). Ombwe la Sera ya Lugha: Mtanziko kwa Matumizi ya Kiswahili katika Elimu Tanzania, Conference proceeding (DUP), Tanzania.
- Ndimbo, G. K., Yu, L., & Ndi Buma, A. A. (2023). ICTs, smallholder agriculture and farmers' livelihood improvement in developing countries: Evidence from Tanzania. *Information Development*, 02666669231165272.
- Nkwabi, S.M. & Ngoya, A.J. (2022). The Changing Role of Traditional Medicine in the Provision of Health Care in Tanzania from Pre-colonial to Post-colonial Period. *Lagos Historical Review*, 22: 115-132.
- Ombori, T. L. (2023). Africa, Tropical: Pastoral Neolithic. *Encyclopedia of Archaeology*, (2) 1 – 9.
- Opoku, K., Mugizi, F. M. P. & Boahen, E. A. (2023). Gender differences in formal wage employment in urban Tanzania. *Development Southern Africa*, 1 - 21 <https://doi.org/10.1080/0376835X.2023.2288819>.
- Poncian, J. & Pedersen, R. H. (2023). The political economy of energy production in post-independence Tanzania: A review. *DIIS Working Paper* 2023, 01.
- Poncian, J. (2023). Adopting and practicing resource nationalism in Africa: A case of Tanzania's State Mining Corporation. *Social Sciences & Humanities Open*, 8 (1), 100678.
- Poncian, J. (2023). The governance costs of legislating under a certificate of urgency in Tanzania's mining sector. *The Extractive Industries and Society*, 15, 101262.
- Poncian, J. (2023). Between Rhetoric and Reality: Recurrent Resource Nationalism and the Practice of Resource Governance in Tanzania. *Journal of Southern African Studies*, 49(3):359-375.
- Poncian, J. & Pedersen, R.H. (2023). Resource nationalism and energy transitions in lower-income countries: the case of Tanzania. *Review of African Political Economy* <https://doi.org/10.1080/03056244.2023.2287878>.
- Spemba, E. S. (2023). Altruism and Agency: Fictional Representations of Albino Vulnerability in Elias Mutani's Human Poachers, East African. *Literary and Cultural Studies*. DOI: 10,1080/23277408.2023.2174113.
- Spemba, E. S. (2023). Altruism and Agency: Fictional Representations of Albino Vulnerability in Elias Mutani's Human Poachers. *Eastern African Literary and Cultural Studies*, 1-15.
- Spemba, S., & Mung'aya, Y. (2023). Intertextuality and Narrativization of Multiple Perspectives: COVID-19 Pandemic in Popular Songs in Tanzania. *Journal of Humanities & Social Science (JHSS)*, 12(1).
- Tryphone, K., Joseph, C., & Ndanshau, M. O. (2023). Determinants of Digital Transformation in Sub-Saharan Africa: Some Fiscal Policy Implications. *African Journal of Economic Review*, 11 (4), 34-48.



DR. TALAM KIBONA
Dean, Faculty of Science

Step into the world of discovery with the Faculty of Science! In 2023, we secured three exciting new research projects and proudly published 48 groundbreaking publications. The faculty also won the Cambridge-Africa ALBORADA Research Fund. Get ready to explore the wonders of science with us!

FACULTY OF SCIENCE

Project title	Participants
Effectiveness of Pesticidal Plants in Reducing Pre and Post-harvest losses in Stored Maize: A case study of Songea Rural District, Ruvuma	Dr. Washa Washa, Ms. Saada Mbepera and Mr. Shaabani A. Mshamu
Promoting Mathematics Teachers' Understanding and Implementation of Jigsaw Strategy in Teaching and Learning of Mathematics in Tanzania	Dr. Chacha Chacha and Dr. Mariana Manyusi Mhewa
Biogas generation from fish wastes as energy source in enhancing resource recovery for environmental conservation	Dr. Jovine Emmanuel, Ms. Flaviana Ngabala, Dr. Godlisten Shao, Dr. Lewis Mtashobya, Mr. Jonas Gervas and Mr. Philimon Nganyira

PUBLICATIONS

- Chacha, C. S., Stephano, M. A., Irunde, J. I., & Mwasunda, J. A. (2023). Cystic echinococcosis dynamics in dogs, humans and cattle: Deterministic and stochastic modeling. *Results in Physics*, 51, 106697. <https://doi.org/10.1016/j.rinp.2023.106697>.
- Christopher, R., Msonga, A., Hoppe, H. C. & Boyom, F. F. (2023). Ethanol Extracts from Selected Tanzanian Medicinal Plants Selectively Inhibit Plasmodium falciparum Growth In Vitro. *Tanzania Journal of Science*, 49(1): 41-47.
- Clement, R., Runyogote, J., Raymond, J., Chacha, M. N. (2023) Ethnobiological survey to determine the link between health benefits and qualities of Maasai traditional food system in Monduli, Arusha, Tanzania. *Agroecology and Sustainable Food Systems*, 47(8) <https://doi.org/10.1080/21683565.2023.2229786>- Taylor and Francis.
- Felix, A. T., & Ntarisa, A. V. (2024). Review of natural radioactivity in tobacco cigarette brands. *Journal of Environmental Radioactivity*, 272, 107348. <https://doi.org/10.1016/j.jenvrad.2023.107348>.
- Hazina, C., Chengula, P. J., Pawar, R. C., Khan, H., Kim, S. and Lee, C. S. (2023). "Synergistic effect of surface modification and effective interfacial charge transfer over faceted g-C3N4/ZnSe heterojunction to enhance CO2 photoreduction activity." *Journal of Water Process Engineering* 56: 104307.
- Irunde, J. I., Luhanda, F. B. Taenia solium taeniasis and cysticercosis: extinction or outbreak. *Animal Diseases* 3, 10 (2023). <https://doi.org/10.1186/s44149-023-00071-1>.

PUBLICATIONS CONT.

- Irunde, R., Ligate, F. J., Ijumulana, J., Ahmad, A., Maity, J. P., Hamisi, R., Philip, J. Y. N., Kilulya, K. F., Karlun, E., Mtamba, J., Bhattacharya, P. & Mtalo, F. (2023). The natural magnesite efficacy on arsenic extraction from water and alkaline influence on metal release in water. *Applied Geochemistry*. <https://doi.org/10.1016/j.apgeochem.2023.105705>.
- Irunde, J. I., Ndendya, J. Z., Mwasunda, J. A., & Robert, P. K. (2023). Modeling the impact of screening and treatment on typhoid fever dynamics in unprotected population. *Results in Physics*, 54, 107120. <https://doi.org/10.1016/j.rinp.2023.107120>.
- Ishengoma, E. B. (2023). Vertebrate genomics and adaptation—status and prospects in Africa. *Molecular Biology*. DOI: <https://doi.org/10.1111/mec.16936>.
- Hazina, C., Pawar, R. C., Khan, H. and Lee, C. S (2023). "Photocatalyst Engineering for Water-Based CO₂ Reduction under Visible Light Irradiation to Enhance CO Selectivity: A Review of Recent Advances." *International Journal of Precision Engineering and Manufacturing-Green Technology*: 1-31. <https://doi.org/10.1007/s40684-023-00511-w>.
- Hazina, C., Pawar, R. C., Khan, H., Chengula, P. J. and Lee, C. S. "Double-sided growth of MoSe₂ nanosheets onto hollow zinc stannate (ZnO, ZnSnO₃, and SnO₂) nanofibers (h-ZTO) for efficient CO₂ photoreduction." *Journal of Environmental Chemical Engineering* 11, no. 3 (2023): 109917.
- Kalula, A., Mureith, E., Marijan, T. and Mbalawata, I. (2023). Optimal control and cost-effectiveness analysis of age-structured malaria model with asymptomatic carrier and temperature variability. *Journal of Biological Dynamics*. Volume 17, 23 Issue 1 <https://doi.org/10.1080/17513758.2023.2199766>.
- Khan H., Pawar, R. C., Hazina C. and Lee, C. S. (2003) "Cu-doped TiO₂ nanofibers coated with 1T MoSe₂ nanosheets providing a conductive pathway for the electron separation in CO₂ photoreduction." *Applied Surface Science*: 157832 <https://doi.org/10.1016/j.apsusc.2023.157832>.
- Khan, H., Rajendra C. Pawar, Hazina C., Chengula, P. J. and Lee, C. S. (2023). "One-pot synthesis of octahedral NiSe₂ as a co-catalyst for enhanced CO₂ photoreduction performance." *Applied Surface Science*, 629 (2023): 157362. <https://doi.org/10.1016/j.apsusc.2023.157362>.
- Kibona, T. E., Mahushi, D. J. and Shao, G. N. (2023). Highly microporous and mesoporous nanomaterials derived from Agave sisalana wastes for supercapacitors Biofuels, Bioproducts and Biorefining. <https://doi.org/10.1002/bbb.2523>.
- Kimambo, V., Ligate, F. J., Ijumulana, J., Maity, J. P., Jong, R., Ahmad, A., Hamisi, R., Mtamba, J. O., Mtalo, F. & Bhattacharya, P. (2023). Optimization of fluoride removal using calcined bauxite: Adsorption isotherms and kinetics. *Groundwater for Sustainable Development* 21, 100922. DOI: <https://doi.org/10.1016/j.gsd.2023.100922>.
- Kisinda, F., Mwasunda, J. A., & Aloni, M. S. (2023). The Galton Watson branching process for TB dynamics: The potential for disease persistence or extinction. *Informatics in Medicine Unlocked*, 43, 101401. <https://doi.org/10.1016/j.imu.2023.101401>.
- Luhanda, F., Irunde, J. I., & Kuznetsov, D. (2023). Modeling cryptosporidiosis in humans and cattle: Deterministic and stochastic approaches. *Parasite Epidemiology and Control*, e00293. DOI: <https://doi.org/10.1016/j.parepi.2023.e00293>.
- Lwiwa, C. B., & Nydal, O. J. (2023). Sensible heat bean cooker. *Tanzania Journal of Engineering and Technology*, 42(1). DOI: <https://www.ajol.info/index.php/tjet/article/view/242930>.
- Magashi, C., Sam, A., Agbinya, J., & Mbelwa, J. (2023). Indicative Factors for SACCOs Failure in Tanzania. *Engineering, Technology & Applied Science Research*, 13 (4), 11177-11181. <https://doi.org/10.48084/etasr.5989> - EOS ASSOC

PUBLICATIONS CONT.

- Mlozi, S. H., Mmongoyo J. A. & Chacha M., (2023). In vitro evaluation of the herbal cream formulation from methanolic leaf extracts of *Tephrosia vogelii* Hook.f for topical application. *Clinical Phytoscience*, 9(3). DOI: <https://doi.org/10.1186/s40816-023-00357-4>
- Mlozi, S. H. (2023) Book Chapter: "Phytochemistry and Biosynthesis of Phytochemicals." In *Ethnobotany and Ethnopharmacology of Medicinal and Aromatic Plants*, pp. 129-142. eBook ISBN 9781003284215 - CRC Press.
- Mdee, A. P., Khan, M. T. R., Seo, J., & Kim, D. (2023). Security Compliant and Cooperative Pseudonyms Swapping for Location Privacy Preservation in VANETs. *IEEE Transactions on Vehicular Technology*, 1–15. DOI: 10.1109/TVT.2023.3254660.
- Mohamed, H., Mlyahilu, J., Choi H., Kim, J. L. Y. & Kim, J. (2023). Unsupervised machine learning algorithm for center point detection of shear reinforcement with dual anchorage. *JKCCS*.
- Mtashobya, L. (2023). "The synthesis and characterization of the two 2-(tert-butyl) cyclohexyl methanesulfonate compounds." *Ethiopian Journal of Science and Technology*, 16, no. 3: 237-244.
- Mwasunda, J. A., Irunde, J. I., Stephano, M. A., & Chacha, C. S. (2023). Fish-borne parasitic zoonoses transmission dynamics: The case of anisakiasis. *Informatics in Medicine Unlocked*, 101205. DOI: <https://doi.org/10.1016/j.imu.2023.101205>.
- Mwasunda, J. A., & Irunde, J. I. (2023). Stability and bifurcation analysis of a *Taenia saginata* model with control measures. *Results in Control and Optimization*, 13, 100311. <https://doi.org/10.1016/j.rico.2023.100311>
- Nale, J. Y., Chan, B., Nnadi, N. E., Cheng, J. K. J., Matts, S., Nezam-Abadi, N., Turkington, C. J. R., Charreton, L. M., Bola, H., Nazir, R., Hoza, A. S., Wamala, S. P., Ibanda, I., Maina, A. N., Apopo, Msoffe, A. A., Moremi, V. T., Moore N., Asiimwe, G. W., Clokie, M. R. J. (2023). Novel *Escherichia coli*-Infecting Bacteriophages Isolated from Uganda That Target Human Clinical Isolates. *PHAGE: Therapy, Applications, and Research*, 4(3), 141-149. <https://doi.org/10.1089/phage.2023.0012>-Marry Ann Liebert Inc.
- Nganyira, P. D., Mahushi, D. J., Balengayabo, J. G., Shao, G. N., & Emmanuel, J. K. (2023). Quality of biogas generated through co-digestion of Brewer's spent grain and cattle dung. *Energy Reports*, 10, 2330-2336. <https://doi.org/10.1016/j.egyr.2023.09.012>.
- Nguni, A., Chacha S. C. and Mtunya, A. P. (2023) An Efficient Derivative Free Iterative Method and Condition Number of Nonlinear Equations Arising from Real World Phenomena. *Tanzania Journal of Science*, 49(3): 597-604: <https://dx.doi.org/10.4314/tjs.v49i3.4>-UDSM
- Nguyen, D. Q., Ntarisa, A. V., Saha, S., Wantana, N., Tariwong, Y., Nguyen, D. T., & Kim, H. J. (2023). Effects of alkali ions on luminescence and scintillation performance of Ce³⁺ doped phosphate glasses for radiation detection. *Ceramics International*. <https://doi.org/10.1016/j.ceramint.2023.06.129>.
- Nnungu S.I and Washa B. W. (2023) Assessment of population structure, composition and diversity of *Dalbergia melanoxylon* in its dominated zone of Nachingwea district, Tanzania. *Journal of Research in Forestry, Wildlife & amp*, 15(3): 07 – 10.
- Oh, H., Charles H., Im T., Khan H. & Lee S.C (2023). Extrusion-based additive manufacturing of three-dimensional MoSe₂-nanosheet-coated TiO₂ hetero-structures for photocatalytic CO₂ reduction. *International Journal of Advanced Manufacturing Technology*. <https://doi.org/10.1007/s00170-023-12869-x>
- Nyomora, A. M. S., Washa, B. W. & Nungu, S. I. (2023). Plant Species Composition and Diversity in *Dalbergiamelanoxylon* Dominated Zones in Mitarure Forest Reserve in Kilwa District. *Huria Journal*, 28(2): 72–83.

PUBLICATIONS CONT.

- Pawar, R. C., Khan, H., Charles, H. and Lee, C. S. (2023). "Growth of 3D nanowall-like structures of FeVO₄ by controlling reaction rate for effective CO₂ reduction using UV-visible light." *Journal of Environmental Chemical Engineering*, 110236. <https://doi.org/10.1016/j.jece.2023.110236>.
- Pawar, R. C., Chengula, P. J., Khan, H., Charles, H. and Lee, C. S. (2023) "Boosting photocatalytic CO₂ conversion using strongly bonded Cu/reduced Nb₂O₅ nanosheets." *Dalton Transactions* <https://doi.org/10.1039/D3DT02082G>.
- Pius, C., Koosalete-Mswela, P., Dikinya, O., and Kwenga, S. (2023). "Polychlorinated dibenzo-p-dioxin/dibenzofurans (PCDD/Fs) contamination in sediments and fish from Msimbazi River in Dar es Salam, Tanzania: patterns, sources, and their exposure to 10 humans." *Environmental Monitoring and Assessment*, 195, no. 6 (2023): 631.
- Rikohe, I. F., Mlozi, S. H., and Ngondya I. B. (2023). "Seasons and bee foraging plant species strongly influence honey antimicrobial activity." *Journal of Agriculture and Food Research*, 12, 100622.
- Rikohe, I. F., Mlozi, S. H., and Ngondya I. B. (2023). "Plant Diversity and Honeybees' Foraging Preferences: An Implication for Honeybees' Conservation." *Ecology, Environment and Conservation*, 29 (2): 537.
- Rwegoshora, L. M., Tairo, V. E. and Olotu, M. I. (2023) Efficacy of the Botanical Extracts, *Azadirachta indica* (Sapindales: Meliaceae) and *Tagetes minuta* (Asterales: Asteraceae) in the Control of Cabbage Insect. *Tanzania Journal of Science*, <https://dx.doi.org/10.4314/tjs.v49i2.11>.
- Shayo, G. M., Elimbinzi, E., Shao, G. N. and Fabian, F. (2023). "Severity of waterborne diseases in developing countries and the effectiveness of ceramic filters for improving water quality." *Bulletin of the National Research Centre*, 47, no. 1: 1-14.
- Stephano, M. A., Mayengo, M. M., Irunde, J. I., & Kuznetsov, D. (2023). Sensitivity Analysis and Parameters Estimation for the Transmission of Lymphatic Filariasis. *Heliyon*. <https://doi.org/10.1016/j.heliyon.2023.e20066>.
- Thomas, C., Msoffe, V., Houtte, N. V., Mhamphi, G., Mariën, J., Sabuni, C., Makundi, I., Nzalawahe, J., Machang'u, R. and Leirs, H. (2023). Prevalence and Seasonal Variation of Trichuris Worms Infection in *Mastomys natalensis* in Morogoro and Iringa Regions, Tanzania *Parasitologia*. <https://doi.org/10.3390/parasitologia3030030-MDPI>
- Thomas, C., Msoffe, V., Houtte, V. N., Mhamphi, G., Mariën, J., Sabuni, C., Makundi, I., Nzalawahe, J., Macang'u, R. and Leirs, H. (2023). Molecular detection of *Leptospira* and *Bartonella* in *Mastomys natalensis* and its ectoparasites in Morogoro, Tanzania. *Mammalia*, <https://doi.org/10.1515/mammalia-2023-0031>.
- Tshilate, T. S., Ishengoma, E. and Rhode, C. (2023) A first annotated genome sequence for *Haliotis midae* with genomic insights into abalone evolution and traits of economic importance. *Marine Genomics*, <https://doi.org/10.1016/j.margen.2023.101044>.
- Wanna, D. Y., Mzula, A., and Mwega, E. D. (2023). Antibacterial Potential and Safety Level of *Euphorbia tirucalli* and *Vernonia glabra* Commonly used by Residents in Iringa, Tanzania, *Journal of Medicinal Plants and By-products*, 3: 283-292.
- Washa B. W. (2023). Investigation on the effective substrate for high yields of *Pleurotus ostreatus*: A case study of Kinyerezi Tanzania. *Huria Journal*, 28(2): 112–124.
- Washa B. W. (2023) Ethnomedicinal and antioxidant potentials of some wild fruits of Shinyanga region in Tanzania. *Journal of Biological Research & Biotechnology*, 21(2): 1995 – 2002.

CAMBRIDGE AFRICA



DR. EDSON B. ISHENGOMA
Mkwawa University College of
Education



DR EMÍLIA SANTOS
Cambridge University

MUCE Scholar Dr. Edson B. Ishengoma and Cambridge's Dr Emília Santos Secure Prestigious Cambridge – Africa ALBORADA Research Fund 2023

**Long Live MUCE!
Long Live UDSM!**

In a remarkable achievement this year, our brilliant faculty member, Dr. Edson B. Ishengoma, a Lecturer in Zoology in the Faculty of Science at MUCE, has teamed up with Dr Emília Santos of Cambridge University to secure the prestigious Cambridge – Africa ALBORADA Research Fund 2023. Their groundbreaking project, "Adaptive Genomic Diversity of Tanzanian Riverine Cichlids in Light of Climatic and Anthropogenic Stressors," stood out among 32 selected projects across Africa. Impressively, it's one of just seven from East Africa and only two from Tanzania.

This collaborative effort spans continents and involves fieldwork in Tanzania, sample shipment to the UK, genome sequencing, and collaborative knowledge exchange.

Congratulations to Dr. Ishengoma and Dr. Santos on this remarkable milestone.



DR. DANIEL FUSSY
Acting Dean, Faculty of
Education

FACULTY OF EDUCATION

Join us in celebrating the Faculty of Education's achievements in 2023! We acquired one impactful research projects and published 30 insightful publications. Together, let's shape the future of education.

Project title	Participants
Enhancing the Use of ICT among Mathematics Teachers to Improve Students' Academic Performance in Tanzanian Secondary Schools	Dr. Willy Kasuga, Dr. Chacha Chacha, Ms. Doris Masha, Dr. Hassan Iddy and Ms. Upendo Jeremia

PUBLICATIONS

- Amani, J., & Daniel Sidney Fussy, D. S. (2023). Balancing child-centred and teacher-centred didactic approaches in early years learning. *Education*, 3–13. DOI: 10.1080/03004279.2023.2189905.
- Amani, J., Luvanga, B., Kihaga, H., Ndeskoi, T., & Gabriel, L. (2023). Why do academics fail to plan for retirement? Employers' and employees' views. *Journal of Aging Studies*, 64. DOI: <https://doi.org/10.1016/j.jaging.2023.101103>.
- Amani, J., & Magava, O. J. (2023). Retirement Planning among Academics in Higher Education: A Matter of Health, Lifestyle, or Financial Planning? *Proceedings of the 1st International Conference on Education*, 13th-14th January 2022, pp. 21-37. <https://doi.org/10.37759/ICE01.2023>.
- Amani, J., & Mgaiwa, S. J. (2023). Bringing students' culture into the classroom: perspectives of pre-primary teachers and parents on culturally-responsive instruction in Tanzania. *International Journal of Primary, Elementary and Early Years Education*, 3–13. DOI: <https://doi.org/10.1080/03004279.2023.2175617>.
- Anselimus, S. M. (2023). Assistive technologies and participation of students with visual impairments in extracurricular activities: what does the literature say? *American Journal of Interdisciplinary Research and Innovation*, 2(4), 67-73. Doi:<https://doi.org/10.54536/ajiri.v2i4.2155>.
- Cosmas, V. J. (2023). Personality Traits and Career Preferences among Secondary School Students in Tanzania: A Match within Introvert-Extrovert and Agreeable-Less-Agreeable Traits, *Proceedings of the 1st International Conference on Education*, 13th-14th January 2022. pp. 38-57. <https://doi.org/10.37759/ICE01.2023>.
- Daudi, E., Lyakurwa, S. E., & Amani, J. (2023). University Students' Attitudes Toward Seeking Psychological Help for PsychoSocial Problems in Two Selected Public Universities in Tanzania: A Mixed Methods Study. *SAGE Open*, April-June 2023: 1–18, DOI: 10.1177/21582440231179200.

PUBLICATIONS CONT.

- Fussy, D. S. (2023). The Sense of Vocation in the Practice of Teaching. *Proceedings of the 1st International Conference on Education*, 13th - 14th January 2022, pp. 166-179. <https://doi.org/10.37759/ICE01.2023>.
- Fussy, D. S., Iddy, H., Amani, J., & Mkimbili, S. T. (2023). Girls' participation in science education: Structural limitations and sustainable alternatives. *International Journal of Science Education*. DOI: 10.1080/09500693.2023.2188571.
- Hassan, H. I. (2023). Girls' Abuse in Tanzania Rural Secondary Schools. *Proceedings of the 1st International Conference on Education*, 13th-14th January 2022, pp. 78-100. <https://doi.org/10.37759/ICE01.2023>.
- Hassan, I., & Fussy, D. S. (2023): Improving girls' education through student hostels. Compare: A *Journal of Comparative and International Education*, DOI: 10.1080/03057925.2023.2220067.
- Hannon, E., Anselimus, S. M., Bardikoff, N., Bulc, B., Germann, S., Gonsalves, P. P., Melendez-Torres, G. J., Ospina-Pinillos, L., Sinha, M. & Wanjiru, M. (2023). Why cities matter for adolescent mental health and wellbeing. *The Lancet*. Doi: [https://doi.org/10.1016/S0140-6736\(23\)02238-9](https://doi.org/10.1016/S0140-6736(23)02238-9).
- Kalolo, J. F., & Kapinga, O. S. (2023). Towards ending corporal punishment in African countries: Experiences from Tanzania. *International Journal of Educational Development*, 102, DOI: <https://doi.org/10.1016/j.ijedudev.2023.102839>.
- Kapinga, O. S. (2023). The Implementation of Inclusive Education in the Context of Fee Free Education in Tanzania. *Proceedings of the 1st International Conference on Education*, 13th-14th January 2022, pp. 248-262. <https://doi.org/10.37759/ICE01.2023>.
- Kasuga, W., Maro, W. (2023). The Influence of Problem-Based Learning on Students' Motivation in Learning Biology in Tanzania Secondary Schools. *Proceedings of the 1st International Conference on Education*, 13th-14th January 2022, pp. 299-315. <https://doi.org/10.37759/ICE01.2023>.
- Lazaro, A. A., Kibonde, E. A., Kambey, L. (2023). Instructors' and Students' Understanding of the Role of Humour in Teaching and Learning English as a Foreign Language. *Proceedings of the 1st International Conference on Education*, 13th-14th January 2022, pp. 198-215. <https://doi.org/10.37759/ICE01.2023>.
- Luvanga, B. G. (2023). Inquiry-Based Learning in Tanzania: Chemistry Teachers' Knowledge and Perceptions. *Proceedings of the 1st International Conference on Education*, 13th-14th January 2022, pp. 331-349. <https://doi.org/10.37759/ICE01.2023>.
- Manaseh, A. M., Mislav, A. M., & Ngalomba, S. P. (2023). Reflecting on Six Decades of Graduate Educational Leaders' Preparation in Tanzania: Examining Ideologies, Policies, and Practices for Future Educational Policy Direction. *Papers in Education and Development (PED)*, 40(2), 31-50.
- Mbwile, B., & Ntivuguruzwa, C. (2023). Impact of practical work in promoting learning of kinematics graphs in Tanzanian teachers' training colleges. *International Journal of Education and Practice*, 11(3), 320-338. <https://doi.org/10.18488/61.v11i3.3343>.
- Mbwile, B., Ntivuguruzwa, C., & Mashood, K. K. (2023). Development and validation of a concept inventory for interpreting kinematics graphs in the Tanzanian context. *European Journal of Educational Research*, 12(2), 673-693. DOI: <https://doi.org/10.12973/eu-jer.12.2.673>.
- Mbwile, B., Ntivuguruzwa, C., & Mashood, K. K. (2023). Exploring the understanding of concept inventories for classroom assessment by physics tutors and pre-service teachers in Tanzania. *African Journal of Research in Mathematics, Science and Technology Education*, 1-11. DOI: <https://doi.org/10.1080/18117295.2023.2183607>.

PUBLICATIONS CONT.

- Mbwile, B., & Ntivuguruzwa, C. (2023). “Impact of YouTube Videos in Promoting Learning of Kinematics Graphs in Tanzanian Teachers’ Training Colleges”. In: Hu, Z., Dychka, I., He, M. (eds) *Advances in Computer Science for Engineering and Education VI. ICCSEEA 2023. Lecture Notes on Data Engineering and Communications Technologies*, Vol. 181. https://doi.org/10.1007/978-3-031-36118-0_93.
- Mkimbili, S. T. (2023). Implementation of Inquiry-Based Science Teaching in Sub-Saharan Africa: A Review. *Proceedings of the 1st International Conference on Education*, 13th-14th January 2022, pp. 279-298. <https://doi.org/10.37759/ICE01.2023>.
- Mpate, H., Campbel-Evans, G., & Gray, J. (2023). Pre-service Teachers’ Preparedness to Teach during Teaching Practice in Tanzania. *African Journal of Teacher Education*, Volume 12, No. 1 2023 Pages 95-120.
- Mpate, H. (2023). Biology teachers’ implementation of the competence based curriculum in Tanzania: challenges and opportunities. *Journal of Biological Education*, DOI: 10.1080/00219266.2023.2282428.
- Mtesigwa, F. L., & John, P. (2023). Implementation of Competence-Based Language Teaching Approach in Tanzania Lower Secondary Education English Classrooms. *Proceedings of the 1st International Conference on Education*, 13th-14th January 2022, pp. 180-197. <https://doi.org/10.37759/ICE01.2023>.
- Ngao, A. I. & Sang, G. (2023). Understanding the Approaches towards Internationalization of Higher Education in China: a Review. *Beijing International Review of Education*, 4, 629–653. DOI:10.1163/25902539-04040008.
- Ngao, A., Sang, G., Tondeur, J., Kihwele, J. E., & Chunga, J. O. (2023). Transforming Initial Teacher Education Program with Mobile Technologies. A synthesis of qualitative evidences. *Digital Education Review*, Number 43, June 2023, <http://doi/10.1344/der.2023.43.18-34>.
- Ngao, A., Sang, G., Tondeur, J., Kihwele, J. E., & Chunga, J. O. (2023). Transforming Initial Teacher Education Program with Mobile Technologies. A synthesis of qualitative evidences. *Digital Education Review*, Number 43, <http://doi/10.1344/der.2023.43.18-34>.
- Nyagawa, Z. M., & Anangisye, W. A. L. (2023). Fire-Outbreak Prevention Mechanisms in Tanzania’s Boarding Secondary Schools. *The African Review*, 1–21. DOI: 10.1163/1821889X-bja10078.

Honoring the Life and Legacy of Prof. Philemon A. K. Mushi, the First Principal of MUCE

22 November 1952 - 28 August 2023



With heavy hearts and profound sadness, we come together to remember and pay tribute to a visionary educator, a dedicated leader and the beloved founding Principal of Mkwawa University College of Education (MUCE), Prof. Philemon A. K. Mushi. His passing leaves a void that can never be filled, but his impact on education and countless lives will forever serve as a testament to his remarkable journey.

Prof. Mushi was not just an educator but also a beacon of light that illuminated the path of learning for generations to come. With boundless passion and unwavering dedication, he laid the foundation for MUCE, shaping it into an institution of excellence that stands as a testament to his foresight and determination. His visionary leadership guided the College through its formative years, nurturing an environment where knowledge and compassion flourished hand in hand.

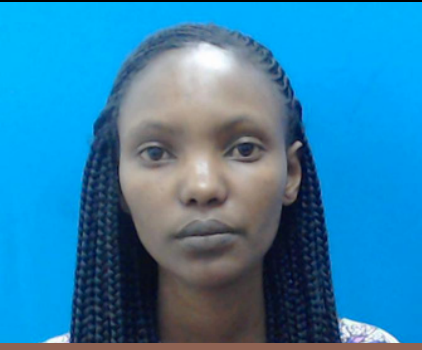
Beyond his professional achievements, Prof. Mushi's warmth, humility and unwavering kindness left an indelible mark on all who had the privilege of knowing him. He possessed a rare ability to inspire, uplift and empower, fostering a sense of purpose and camaraderie among his students and colleagues.

As we mourn the loss of Prof. Mushi, let us also celebrate his extraordinary life. Let us remember the legacy he leaves behind as a beacon of hope and inspiration for all. Our hearts go out to his family, friends and the entire MUCE community during this difficult time.

Rest in peace, Prof. Mushi.



JONAS, Emmy
Passed away on 3rd March 2023



YUDA, Lucia A.
Passed away on 4th April 2023



GODFREY, Elias L.
Passed away on 8th April 2023



LUSHIBILA, Chagu Y.
Passed away on 21st October 2023



LAZARO, Lidya M.
Passed away on 4th December 2023

IN MEMORIAM:

REMEMBERING OUR BELOVED STUDENTS

With heavy hearts and profound sadness, we announce the passing of our five students who left us in the year 2023.

Their sudden departure leaves a profound void in our community that can never be filled. We mourn not only the loss of these bright souls but also the unfulfilled potential and dreams they carried within them.

As we come together to remember and honour their lives, let us also extend our deepest condolences to their families and loved ones, who share in this immeasurable grief.

May they rest in eternal peace, forever remembered, forever missed, and forever loved.



DEGREE PROGRAMMES OFFERED!

- Bachelor of Education in Arts
- Bachelor of Education in Science
- Bachelor of Arts with Education
- Bachelor of Science with Education
- Bachelor of Science in Chemistry
- Postgraduate Diploma in Education
- Master of Arts with Education(Geography Stream)
- Master of Science with Education (Biology or Chemistry Stream)
- Master of Science in Applied Zoology (By Thesis)
- Master of Science in Applied Botany (By Thesis)
- Master of Science in Mathematical Modelling
- Master of Science in Natural Resources and Human Security Studies

SHORT COURSES OFFERED!

- Computer studies
- Swahili for foreigners
- English, French and Chinese languages

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