



Egerton University Hosts World Environment Day

Egerton University was privileged to host this year's national celebrations of the World Environment Day (WED). The day is marked each year on 5 June as a principal forum through which the United Nations (UN) raises global awareness on issues pertaining to the environment, including pollution, global warming, overpopulation, and relations between human beings and the wildlife. It brings together stakeholders from diverse backgrounds, such as governments, Non-Governmental Organisations (NGOs), corporations, communities, and celebrities drawn from more than 143 countries. The day was

inaugurated by the UN in 1974 and has been celebrated consistently ever since on an annual basis. The celebrations are undertaken both within the context of the world at large and within the contexts of the countries concerned and are organised around particular thematic concerns. The theme for 2017 is "Connecting People to Nature – in the City and on the Land, from the Poles to the Equator." In Kenya, particular institutions are usually afforded the opportunity to host the celebrations on behalf of the country as a whole each year, and this year, Egerton University was honoured with the opportunity to do so, thereby underscoring the

important status that it occupies in Kenya. The day is also referred to as Eco Day, Environment Day, or simply WED.

Presiding over the occasion at the University on 5 June 2017, the Environment and Natural Resources Cabinet Secretary, Prof. Judy Wakhungu, drew attention to the innumerable challenges that confront Kenya, the region, and the world today in relation to the environment. In addition, she addressed the steps that her Ministry has been undertaking in its attempt to respond to those challenges. It will be recalled that,

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The Vice-Chancellor, Prof. Rose A. Mwonya, plants a tree at the Njoro Campus as part of the commemoration of the World Environment Day on 5 June 2017. Looking on are the Cabinet Secretary, Ministry of Environment and Natural Resources, Prof. Judy Wakhungu (second right), and the Chairman of Council, Egerton University, Dr. Ben Chumo (right).

Vision

A world class University for the advancement of humanity

Mission

To offer exemplary education to society and generate knowledge for national and global development

Core Values

The University's activities and decisions will be guided by the following core values:

- National unity, Internationalism,
- Passion for excellence, Professionalism,
- Devotion to duty, Integrity,
- transparency and accountability, and
- Social fairness

Graduation Statistics

Doctorates	7
Masters	53
Bachelors	522
Diplomas	133
Total	715

MESSAGE FROM THE CHANCELLOR



Prof. Shem O. Wandiga

the graduands and the University at large.

Egerton University is committed to fulfilling its motto of transforming lives through quality education. The knowledge and skills that we have imparted in you through our programmes, which are aligned with the market needs, will make you competent in addressing prevailing challenges. I would therefore like to take this opportunity to urge you to uphold and apply those skills to all aspects of your lives as you move forward.

The University regularly reviews and diversifies its academic programmes to remain competitive. Furthermore,

in order to maintain highly motivated academic staff, Egerton University reviews the academic and professional qualifications of staff members from time to time to ensure those who qualify for advancement get timely promotions.

You graduands are our proud goodwill ambassadors. I encourage you to reach out and bond with Egerton University alumni, which will assist you while you are out in the world.

Congratulations once more. I wish you an auspicious future in all your endeavours.

Thank you and God bless you all!

It is my pleasure and joy to preside over this 36th Graduation Ceremony of Egerton University. This is a historic, life-changing achievement in the life of

World Environment Day

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among other things, Kenya has decided to ban the manufacture and utilisation of plastic bags of various categories as a way of protecting the environment from the harm that such waste products cause to the environment whenever they are not properly disposed of. The Cabinet Secretary reiterated that the Ministry will not waver in its determination to take that step. In the year 2010, she recalled, more than 24 million bags were used in one month alone and yet it takes up to 1000 years for such bags to disintegrate through the natural process of biodegradation. The bags, she added, constitute an environmental nightmare for Kenya also because of the manner in which they are currently being disposed of. They tend to choke the marine animals, to block the sewer systems, and, as a result, to render flood management difficult.

The Cabinet Secretary announced that the Ministry, in collaboration with the Kenya School of Government and the Council of Governors, will soon launch a first-ever training programme on climate and change policy, planning and budgeting at both the county and the national government levels. The aim of the programme, she said, is to mainstream the climate-change decision-making processes with an emphasis on case studies, field excursions and other practical learning approaches. They will mainly target middle-level managers and technical cadres involved in policy formulation, planning, budgeting and implementation of programmes relating to climate change.

According to the United Nations, millions of people have taken part in the annual celebrations of the WED

over the years, helping drive change with respect to consumption habits and formulation of national and international environmental policies. Among the activities that took place at Egerton with respect to the celebrations were art competitions, road shows, nature walks, tree planting events, and a panel discussion. The activities began on 2 June 2017 and concluded on 5 June 2017. The panel discussion was on waste management and focused specifically on management of plastic waste. Among the key panellists who participated in the discussions were representatives from the National Environment Management Authority (NEMA), the Kenya Bureau of Standards (KEBS), the National Environment Complaints Committee (NECC), the Safaricom Company, and the Kenya Association of Manufacturers.

MESSAGE FROM THE CHAIRMAN OF COUNCIL

Message from the Chairman of Council



Dr. Ben Chumo

It is my pleasure on behalf of the Egerton University Council to welcome you all to the 36th Graduation Ceremony. I take this opportunity to congratulate all the graduands for their commitment, hard work and resolve during their academic journey at Egerton University. I also thank the parents,

guardians and sponsors for the support they gave the graduands and ensured that they complete their training in various disciplines.

I would like to congratulate the members of the academic and support staff of the University for working with these graduands and thus making this occasion a success. Thank you for providing them with the right knowledge and skills that they need to shape their professions and become better persons.

As we release you today, we send you to transform lives around the globe and also be the brand ambassadors of Egerton University. Ensure that you create a positive impact in your respective fields whether employed or self-

employed. I encourage you to be self-driven and embrace the culture of self-improvement.

My message today is for you to promote peace and unity in the country, especially in the forthcoming General Election. Practise peace within yourselves, be compassionate for one another and shun tribal animosity to make our world a better place. We are proud of you and we believe that you will bring change not only to this nation but also to the world.

I wish you all the best in your life and success in your endeavours. May the Good Lord bless you.

Chief Officers of the University



*Prof. Rose A. Mwonya
Vice-Chancellor*



*Prof. Alexander K. Kahi
Deputy Vice-Chancellor
(Academic Affairs)*



*Prof. Isaac O. Kibwage
Deputy Vice-Chancellor
(Administration, Planning & Development)*



*Prof. Alfred Kibor
Ag. Deputy Vice-Chancellor
(Research & Extension)*



*Prof. Lenah Nakhone-Wati
Principal, Nakuru Town
Campus College*



*Prof. S. F. Owido
Registrar (AA)*



*Dr. T. K. Serrem
Registrar (HCA)*



*Prof. Bockline O. Bebe
Ag. Director (R&E)*



*Ms. Janegrace Kinyanjui
University Librarian*



*Mr. Moses Ouma
Finance Officer*

OFFICE OF THE VICE-CHANCELLOR

Message from the Vice-Chancellor



Prof. Rose A. Mwonya

This moment marks the culmination of the very long journey that you have undertaken over the course of your relationship with Egerton, despite the challenges you have encountered. Through endurance, you have successfully completed your course. We are proud of you and pleased to celebrate this achievement, which will enhance the transformation and betterment of our communities. I would like to take this opportunity to urge you to be role models to others in the industry. You can do so, among other things, by setting up models and pursuing methodologies that will help in eradicating prevailing challenges.

Today's graduation captures a diversity of students. They include those who will graduate with Ph.D., Masters, and Bachelors degrees as well as those who will obtain Diplomas. They belong to a variety of our academic faculties, departments, campuses, and institutes.

I would like express my sincere gratitude to the committed team of professionals, lecturers and staff of this University for their collective and individual efforts, dedication and sacrifice, through which they have bequeathed the graduands with the skills that they now possess. There is no doubt that the graduands, armed with these skills, will not only go a long way in helping ameliorate the global challenges of our present world but will also generally improve the lives of our people.

I would like to conclude by reiterating that should by no means be the end of seeking knowledge but, rather, an important springboard from which you should develop your inquisitiveness and desire to know more further. Egerton University welcomes will be happy to welcome back those you who would like to develop your studies beyond the current level.

I wish you all progress and prosperity in your future.

It is my pleasure and happiness, on behalf of the Egerton University fraternity, to cordially welcome you all to this 36th Graduation Ceremony. This is a big and remarkable day for you graduands as you reap the sweet fruits of the outstanding work and the sacrifice that you have made. The Egerton University family joins you in your dignified celebration.

DIRECTORATE OF MARKETING AND RESOURCE MOBILISATION

Message from the Director



Prof. Josiah Ouma Omolo

I take this opportunity to congratulate the graduands of the 36th Graduation Ceremony of Egerton University for having successfully completed their various academic programmes.

A degree is not just a piece of paper; it is recognition of hard work. You have prepared long and you have worked hard for this. Get ready to face the real challenges of the world as you leave the walls of the academia. I would like to remind graduands that

the first step towards becoming a responsible Kenyan citizen is joining the Egerton University Alumni Association. It is through this organisation that you will be able to network not only with your colleagues who are graduating today but with previous alumni.

On behalf of the Directorate of Marketing and Resource Mobilisation, I wish all of you, graduands, the very best in your future life.

DIRECTORATE OF QUALITY ASSURANCE

DQA Teams up with International Partners to Streamline Academic Quality

The Directorate of Quality Assurance (DQA) was established in June 2005 in response to recommendations outlined by a University Committee. The mandate of the Committee was to suggest remedial measures considering prevailing challenges. University education was undergoing tremendous growth. The demand for higher education was unprecedented. University programmes on offer were diversifying rapidly. Finally, the overall growth in university education and institutional infrastructure was unmatched. Thus, there was need to study prevailing academic standards, identify loopholes in them, and suggest the way forward.

Quality Assurance and continuous improvement in university education at Egerton are fundamental to the Mission of Egerton University. The DQA has the primary responsibility of assuring the standards and enhancing the quality of the entire academic and research output of the University so as to safeguard the integrity of its academic awards.

As part of its efforts to achieve its objectives in that regard, the DQA has been housing an ongoing Project entitled *Towards a Culture of Quality: Establishing Integrated Quality Management Systems (EIQMS)* that

brings together stakeholders in quality assurance in higher education from all over the world.

The project falls within the Dialogue on Innovative Higher Education Strategies (DIES) programme of the German Academic Exchange Service (DAAD) and the German Rectors' Conference (HRK). It is financed by the German Federal Ministry for Economic Cooperation and Development (BMZ). Its overall objective is capacity building, joint development and practical testing of tools and procedures for quality assurance. The procedures are intended to form the basis for the implementation of stable and sustainable quality management systems within the partner Universities, which include Germany's Duisburg-Essen, Tanzania's St. Augustine, and Egerton.

In general, the project aims to build on the existing experiences and structures to promote the implementation of concrete quality assurance processes. The coordinators are Petra Pistor (Project Coordinator in Europe, UDE) and Dr. Patricia Wambugu (Coordinator in Egerton University, Kenya).

EIQMS is divided into work packages which comprise capacity building

workshops on Piloting of Graduate Tracer Studies (GTS) and Faculty evaluations.

The faculties of Agriculture, and Education and Community Studies were piloted for GTS to the graduates of 2012. Data was collected and analysed, and the report is now ready. The Faculty of Education and Community Studies was piloted for evaluation. The evaluation exercise was conducted in 2016, after which a self-assessment report was prepared and was also externally evaluated.

A team of five academic staff members from the Faculty assisted in carrying out the self-evaluation. A self-assessment report was sent to external evaluators, who comprised professors from Kenyatta University, Kenya; the University of Helsinki, Finland; and Makerere University, Uganda.

The evaluators conducted an onsite evaluation between 19 and 23 March 2017. The final peer review report is ready.

The final activity of the Project will be a conference to be hosted by Egerton University from 27 November to 1 December 2017, during which the results of the project will be disseminated.

University Hosts Fourth Mau-Egerton University Cross Country

On Saturday 11 February 2017, Egerton University hosted the fourth edition of the Mau-Egerton University Cross Country. In the event, Bernard Kipkemoi and Caroline Chepkoech won the senior men and senior women race categories respectively. They each bagged prize money of Ksh. 50,000. In second position in the senior men category

was Peter Kipkemei, who was followed by Elvis Kipkoech. Isaac Kipkoech retained his fourth position, while Charles Kimeli finished fifth.

In the senior women's category, Risper Chebet was second ahead of Faith Chepkoech, Caroline Kilel, Vicathy Chepkemoi and Joan Ayabei.

In the eight kilometre junior men

category, Andrew Lorot edged out Kipngetch to win the race, while Amos Kirui came in third.

In the Junior women category, Eva Cherono, Deborah Cherono and Gladys Koech were positions one, two and three respectively.

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Mau-Egerton University Cross Country

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The Cross Country, dubbed “Run for Mau,” also saw participants from Egerton University. In the one kilometre University Management Board/University Council category, the Acting Deputy Vice-Chancellor for Research & Extension, Prof. Alfred Kibor, was position one.

The top six finishers in each race category received cash prize awards from the University Vice-Chancellor, Prof. Rose A. Mwonya.

The objective of the Cross Country is to create environmental awareness and raise funds for the rehabilitation of the Mau ecosystem and Njoro River, which is a flagship project of the University. The Cross Country was organised by Egerton University in



Women runners participate in the Fourth Mau-Egerton University Cross Country on 11 February 2017

partnership with Athletics Kenya. It was also sponsored by corporate institutions, which included the Kenya

Commercial Bank, APA Insurance, and the Cooperative Bank of Kenya.



For the last three years, there has been ongoing work on the history of Egerton University. The expected publication will cover the entire period of the University's existence, beginning from 1939 to the present. In the picture, prominent personalities who have been associated with the University at one point or another and the authors take part in a critical review of the first draft of Part One (1939-1987) of the manuscript on 25-26 January 2017 at Egerton University. Clockwise: Ms. Janegrace Kinyanjui, Prof. Reuben Matheka (one of the authors), Prof. Chris Onyango, Dr. Wilson Nguyo, Prof. J.N. Kathuri, Prof. Godfrey Ngunjiri, Prof. Ezra Martim, Prof. Samuel Wachanga, Prof. Isaac Kemei, Prof. Oliver Achwanya, Prof. Abdillahi Aboud, Prof. Joel Ogot, Prof. Emilia Ilieva (one of the authors), and Mr. Abiud Simiyu Wasike. Four other discussants (not in the picture) are Prof. Richard Musangi, Prof. Peter Shalo, Prof. Francis Itulya, and Prof. Louis Mumera.

Message from the Deputy Vice-Chancellor (Academic Affairs)



Prof. Alexander K. Kahi

I wish to take this opportunity to congratulate all the graduands of this 36th Graduation Ceremony of Egerton University. You have joined your brothers and sisters who walked before you in the tough but exciting journey of academic endeavour. On this day it is worth to note that you have triumphed against all odds to be among the few to graduate from this esteemed institution. Indeed, Egerton University has come a long way to carve its own niche in the world of academia. It is a fact that today Egerton University does not struggle to be seen but other institutions struggle to keep up with us. As you graduate, you should walk with your heads high since you have graduated from one of the best institutions of higher learning in the country, in Africa and beyond. On this great day, the University looks at each graduating student with the pride of a parent watching their children finally leave the home to start life on their own. To all graduands, your accomplishment is no mean achievement.

Every year in what has become our tradition, we release a group of deserving individuals out to the world, to better their lives and to serve

humanity using skills attained during their stay in this great institution. Soon it dawns on them that they were not the only ones with similar skills. In this day and age, it would be foolhardy to assume that we are the only institution providing higher education. There are many other institutions offering similar skills spread out through the country. However, we pride ourselves in providing our graduates with the best skills to outcompete their peers in the job market and in entrepreneurship. We continue to produce graduates who have an edge that makes them unique in the job market. The uniqueness of our graduates is compared to a watermark that one looks for in a document to prove its authenticity. Our graduates are unique; they walk out of our classrooms with the confidence that they are the ones to provide the much-needed solutions to world issues that are increasingly becoming complex.

However today we cannot shy away from the fact that the imaginary and real boundaries that existed between borders of different countries as well as the distances that set us apart are no more. The idea of a global village is real before us. Challenges that could be identified within certain borders are now a common problem. We cannot close our eyes to the realities of global issues like terrorism, cybercrime, climate change, epidemics, economic woes, etc. What was a problem in West Africa soon finds its way to our doorsteps. For instance, the issue of army worms which was a threat in West Africa is now threatening our food basket in Western Kenya. The other day our country had to battle with the scare of Bird Flu when cases were reported in the neighbouring nation of Uganda. Our nation is already pulling itself together from the effects of a devastating drought and it is embarrassing that a country with a

strong base of research institutions and personnel should be shipping in grains from foreign countries.

On the other hand, although IT was looked at as an option to make our lives easy at the click of a button, it is actually proving to bring global crime direct at your laptop. The recent cyber ransom demands and the inculcation of young minds into groups of terror is just an example of how our global challenges have just multiplied. Furthermore, with increased problems of a global nature already mentioned, it is difficult to hide our heads in the sand and wish that these problems would fly over us. The developed world tried it but today it has become clear that we can never exist in isolation. As such I urge all graduates not only to look beyond the Egerton University gates but beyond our borders because that is where the next opportunities and challenges lie. Fortunately we have grown from a single Faculty that could only deal with challenges in agriculture to Faculties that can deal with all the challenges mentioned. I believe that we are a hotspot for contributing to global solutions based on the strength of our Faculties.

It is time you opened your eyes and embraced a mindset that makes you hunger to be the provider of solutions for this country and the world. Never again should we sit in comfort when our citizens suffer from devastating hunger. You should be on the forefront of formulating and implementing policies that will protect and cushion us from global challenges. You should also be on the forefront in identifying opportunities beyond the borders for research, trade and job creation. I, therefore, take this opportunity to once again congratulate you for this great achievement and wish you all the best as you march with confidence to conquer the world.

Message from the Dean



Prof. Joshua Ondura Ogendo

This is another moment for the Faculty of Agriculture (FOA) graduands to be in a celebratory mood for their hard work and merited academic achievements over the past 3-4 years at Egerton University. The 36th Graduation is a unique ceremony that initiates the graduands into the ever-growing

community of practice (COP) and into the global alumni community. On behalf of the FOA fraternity, may I take this opportunity to congratulate all FOA graduands for their exemplary performance and commitment to excellence that has finally paid dividends and for making us proud. The results of recent tracer studies and self-assessments have revealed that the FOA graduands have continued to uphold the high academic virtues that form the bedrock of the Egerton tradition and hence provide unmatched contribution to societal development. This resonates well with the institutional virtues held by Egerton University in its unending quest for academic and scientific excellence in sub-Saharan Africa.

Since adopting the Earth University Education Model in its academic programmes and an enhanced farm level attachments and internships, FOA graduands are currently receiving special attention from the job market. The new model adopts a holistic and hands-on approach that offers practical exposure to students and ensures that both technical and non-technical competencies of individual students are developed.

Once again may I offer hearty congratulations and best wishes to all FOA graduands for their merited academic achievements in their respective careers.

Have a Blessed Graduation and Future Life.

Centre of Excellence Launched

The Centre of Excellence in Sustainable Agriculture and Agribusiness Management (CESAAM) was officially launched on 4 April 2017 at Safari Park Hotel in Nairobi. Prof. George Owuor of Egerton University is the Principal Investigator of the project which is funded by the World Bank. CESAAM was birthed following the realisation that food insecurity and poverty remain major challenges to Africa's development, affecting about 33% of its population. One key approach in addressing Africa's food insecurity is to build capacity and innovative research along the agricultural value chains.

The Centre is also situated in a region with countries that are either in conflict or emerging from conflict, such as South Sudan, Somalia, Rwanda, and Burundi. The universities and agro-industry in these countries are facing staffing challenges in all fields, more so in

agriculture and agribusiness, and the Centre will contribute to the capacity building of these institutions. It is also expected to supply Kenya-owned institutions with better trained agricultural and agribusiness manpower and high level agri-industrial development which will in turn contribute to agricultural development. The key focus areas of CESAAM are: Agri-innovations; Agri-enterprise development; Agribusiness value addition/value chain development; and Climate Smart Agriculture.

The key activities and aspects of CESAAM include: Training in post-graduate studies (M.Sc. & Ph.D.) in sustainable agriculture and agribusiness; Offering short-term courses to industry to enhance knowledge and skills along agri-value chains; Mentoring young scientists by working with senior researchers; Internships with industry that will enable graduates to smoothly transit

into agri-development; Innovations through an agro-science park; Knowledge centre for innovation dissemination; Research & Extension platform including climate smart agriculture; Exchange programmes.

CESAAM partners include both public and private sector players. Among public sector partners are: KALRO; Virginateck University, USA; Michigan State University, USA; Louisiana University, USA; University of Rwanda; University of Gulu, Uganda; University of Juba, South Sudan; University of Burundi; St. Augustine University, Tanzania; Sokoine University, Tanzania; University of Kassel, Germany; and Nanjing University, China. Private sector partners comprise Access Agriculture; BeCA-ILRI; Nation Media-via *Seeds of Gold*; Seed Companies; East Africa Breweries through Agro-Science Park; and Kenya National Association of Farmers.

FACULTY OF ARTS AND SOCIAL SCIENCES

Message from the Dean



Dr. Phylis J. Bartoo

On behalf of the Faculty staff, students and alumni, I extend my sincere congratulations to you all on your

various achievements. You have been great representatives of the Faculty. I believe you will continue to be worthy ambassadors of this great Faculty of a world-class university.

Since you were enrolled at the Faculty, you have grown as individuals physically and mentally. You have gained experience as well as acquired quality skills and competencies that will support you in your various trajectories in life. We have prepared you well, and we urge you to be innovators and establish networks across all fields to support humanity. Endeavour to

“ I believe you will continue to be worthy ambassadors of this great Faculty of a world-class university ”

support communities and bring sustainable transformation. Change starts with you!

I wish you a future with boundless opportunities.

First Woman Dean Elected at FASS

The term of Dean Prof. Kibet Ngetich came to an end at the beginning of 2017. Prof. Ngetich had served for two terms successfully. Elections were carried out on 28 February 2017. The Faculty made history by electing a female dean for the first time. In the entire University the first, and up to the FASS elections the last, female to be elected as dean was 18 years ago. Dr. Phylis Jepkemoi Bartoo, a Senior Lecturer from the Department of Literature, Languages and Linguistics, emerged the winner, garnering 64% of the total vote.

Interestingly there was no male contender. It seems that the male dons

decided to give a chance to their female counterparts. Could the controversial one third gender rule be coming of age in institutions of higher learning? Possibly the political establishment should emulate the Faculty.

The Faculty also participated in the Top Story University Investigative Journalism Challenge. The tournament was held in February 2017. There were a total of 33 Kenyan universities participating. The overall goal of the completion is to strengthen Kenya's media education capabilities. This is by supporting a practical curriculum in the journalism schools.

The Faculty's three contestants made it through to the semi-finals, which will be held soon. The three students are: Kuria Irungu, Mary Kabue and Immanuel Omolo (see picture on page 16). The students belong to the Communication and Media programme. The winning team will have a chance to visit the UK for seven days. The mother University will get a fully furnished studio. We wish our students final victory!

On a sad note, the Faculty lost a long-serving lecturer at the Department of Literature, Languages and Linguistics, Mr. Isaiah K. Chebet. God rest his soul in eternal peace.

FACULTY OF COMMERCE

Message from the Dean



Dr. D. O. Auka

The Faculty of Commerce was established in the year 2000 in the then Kisii Campus of Egerton University before eventually settling in Nakuru Town Campus College. The Faculty houses two departments: The Department of Business Administration, and the Department of Accounting, Finance and Management Science. Our

courses are spread in various disciplines of business and range from Diploma to Doctorate level.

As a Faculty, we are committed to the total academic and social development of our undergraduate and post-graduate students. As an expression of that commitment, we strive constantly to be student-centred in our policy formulations and practices as well as in our quest to improve the teaching and learning environment by integrating cutting-edge information technology in our teaching. Faculty academic staff have been participating in various e-learning content development training workshops organised by the University from time to time, in line with Faculty efforts to embrace and integrate instructional technology.

MBA students from the Faculty recently embarked on a collaboration

with Tel Aviv Business School students to develop a proposal for a Medical Simulation Centre for the Faculty of Health Sciences and the Egerton University Community at large.

On behalf of the Faculty, I wish to take this opportunity to sincerely congratulate the graduating class for their tireless efforts and hard work throughout their respective programmes. This 36th Graduation Ceremony marks a new beginning in their lives as they enter the competitive job market and as a Faculty we are confident that the graduands are ready and able to respond to various needs of the employers and the society. We welcome your feedback and invite you to join us in shaping the business school of the future. May God bless you in your future endeavours.

FACULTY OF ENGINEERING AND TECHNOLOGY

Message from the Dean



Prof. D. N. Nyaanga

Faculty of Engineering and Technology is pleased to congratulate the graduands for successfully completing their training in the various disciplines. You have worked hard and you have put a lot of commitment into your studies. Graduation serves as a unique rite of passage to the next phase of life and into our global Alumni community.

The obligation is now on the graduands to make use of competences and skills acquired to make valuable contribution to the society. Kenya needs graduates who will positively influence current and future generations towards attainment of

Vision 2030 and beyond. It is our conviction that the graduands are well equipped to solve problems in the fields in which they have been trained.

I take this opportunity to thank the members of the academic staff in the Faculty who have worked diligently to empower our graduands with the necessary skills required in the job market. As a Faculty, we have been active not only in disseminating knowledge but also creating new knowledge through research.

As we release you today from the University, always remember that successful people look like you. May God bless you in your endeavours.

As we celebrate the 36th Graduation Ceremony of Egerton University, the

FACULTY OF ENVIRONMENT AND RESOURCES DEVELOPMENT

Message from the Dean



Dr. Gilbert Obwoyere

The Dean, faculty and staff at the Faculty of Environment and Resources Development (FERD) wish to take this opportune time to congratulate all the graduands in the various programmes in the Faculty for this achievement in their academic journey. Our advice to them is to live to the true word of being stewards of the environment and always remember that we have borrowed the goods and services that we enjoy during our lifetime from our great grandchildren and hence we are indebted to them. As you venture into the world be bold, firm and diligent in the use of resources for restorative development.

FERD is a multi-disciplinary, dynamic, client and research oriented Faculty, dedicated to training human capacity and conducting research in all aspects of natural resource, environmental management and socio-economic development. The Faculty offers strong teaching, research and outreach programmes

leading to Certificate, Diploma, Bachelor of Science, Master of Science, and Doctor of Philosophy degrees in Natural Resources Management, Environmental Science, Geography and Ecotourism and Hospitality Management. The Faculty is also engaged in short courses in Geographic Information System (GIS), Environmental Impact Assessment, and Ecotourism and Hospitality Management.

The programmes in the Faculty emphasise “hands-on” experience to equip students with practical research skills for mitigating and/or solving both local and global environmental problems. Students are required to take core and elective courses, but specialise in any of the Faculty thematic areas: Environmental planning and management, Natural resource management, Biodiversity management, Climate change, Human wildlife conflict, Land use change and natural ecosystems, Mineral prospecting and mining, Hydrology, among others. Several new Certificate, Diploma, Undergraduate, Master's and Ph.D. programmes are proposed in order to meet the needs and challenges of the society and the job market.

For over 15 years, FERD has consistently dedicated itself to the conservation and protection of the environment in the Greater Rift Valley region. Our motivation is that we have the responsibility and ability to take the lead as stewards of the Earth in moving toward a sustainable

and restorative society that respects health, wholeness, balance and diversity. In pursuit of expanding our mandate at the Faculty, Egerton University has been identified as a hub to sensitise students and staff on the opportunities in the maritime sector, including employment, leisure sport and exploration research, now known as the “Blue Economy”.

Recent developments in Kenya such as the discovery of oil and gas deposits, major projects in infrastructural developments such as the LAPPSET, the expansion of the port of Mombasa and research vessels at sea offer great opportunities for young Kenyans. However, the country has not embraced these new developments. In this regard, Egerton University, spearheaded by FERD, is looking forward to working with the State Department of Shipping and Maritime Affairs in the areas of research, training and consultancy to realise the full potential of this sector.

On 5 June 2017, the Faculty spearheaded the celebration of the World Environment Day 2017 with the theme “Connecting People to Nature” and the slogan “I am with Nature”. During this occasion, the University hosted a high-powered panel discussion on 2 June 2017 on the theme of “Waste Management” with a focus on the ban on plastic bags in the country. Similarly, Mr. and Miss Environment Nakuru County were crowned.

FACULTY OF ENVIRONMENT AND RESOURCES DEVELOPMENT

Geography Department Makes Key Strides

The Department of Geography takes pride in servicing at least five faculties of Egerton University. During the 2016/2017 academic year, the Department has made strides in several areas. Two of the Department's members of staff were competitively awarded scholarships for training and post-doctoral studies in India and Sweden respectively in the academic year 2016/2017. The Department's technician was also awarded a one-month training scholarship at the Indian Technical and Economic Cooperation (ITEC) for training in Geographic Information System (GIS) and remote sensing. This is expected to improve the teaching of GIS and remote sensing. One member from the Department was awarded a post-doctoral research project by Lund University, Sweden. The three-month project was on "Local and regional variations in conditions for

agriculture and food security." The Department is also proud of having affiliations with Clark University (USA) which involves a staff exchange programme focusing on doctoral supervision and teaching. These collaborations have not only contributed to the University's visibility, but have also offered a platform for future collaborations with the Department.

The Department has also successfully rolled out a short course in GIS. GIS has emerged as an important tool in research and planning in the contemporary society. The Department remains keen on up-scaling the training in GIS to staff, students and practitioners. This course admits students in January and July every year. This should eventually strengthen the capacity of the Egerton University community and

practitioners within the Nakuru area in planning and environmental management.

Finally, the Department successfully carried out a self-assessment and subsequently curriculum review of its B.Sc. Geography programme. The exercise benefited from the input and support of staff, former and current students, and the Directorate of Quality Assurance. We are thankful to all who supported this important development as we look forward to re-invigorating the programme.

The students who were accredited were in their third and fourth year of study. Four members of staff were also accredited. Laikipia University, Mt. Kenya University and Rongo University were also represented at the event, which is set to be an annual activity.

FACULTY OF HEALTH SCIENCES

Message from the Dean



Dr. S. O. Obure

parents and guardians as we celebrate the 36th Graduation Ceremony of Egerton University. Your graduation is proof that small and steady steps can be quite spectacular. They elevate you to a bigger platform and they have the ability of conferring on you a title. However, unlike other professions, medicine is for the humble and modest people. Our clientele – patients – have total trust in their caregivers. You must never undermine that trust by being careless. I wish to encourage you to keep on learning because medicine is ever evolving and continued reading will certainly keep you ahead of the rest. You will be making decisions that are a matter of life and death. Whenever

you are in doubt, please never hesitate to ask for assistance from your teachers and peers.

As you join the large pool of professionals as a citizen of the globe, there are things you can do to lift the human spirit, things that are easy, things that are free, things that you can do every day: civility, respect, kindness, and gentleness. You cannot afford to be intolerant and since we are headed to a general election, it is worth mentioning that you are too good to think people who disagree with you are your enemies. Do not ever forget that a small group of thoughtful people can change the

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FACULTY OF HEALTH SCIENCES

Message from the Dean

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world. My hope for you is that you can find gratitude in your practice – not just on the good days, like today, but on the difficult ones too, when you will really need it. Always remember your time is limited. So do not waste it living someone else's

life. Do not let the noise of others' opinion drown out your inner voice. And most importantly, when you decide to specialise, have the courage to follow your heart and dream.

Endeavour to be good leaders and

focus on the essential problems, and then do something rousing, and electrifying to direct everyone's attention towards solving the health problems they face.

Department in Collaboration on Maternal Health Education

The Ministry of Health, Reproductive and Maternal Health Services Unit is working in partnership with the Liverpool School of Tropical Medicine (LSTM) “Making it Happen” (MiH) Programme. Egerton University's Department of Reproductive Health is among the two universities and 14 Kenya Medical Training Colleges selected to roll out this programme that will be implemented between 2016 and 2019. The programme aims at reducing maternal and newborn mortality and morbidity by increasing availability and improving the quality of Skilled Birth Attendance (SBA) and Emergency Obstetric and Newborn Care (EmONC) in Kenya. The

collaboration aims at increasing the capacity of pre-service training institutions to provide quality skills and drills in EmONC training by: Delivering a county-adapted competence based training package in EmONC; Strengthening data collection; Supporting supervision; and Monitoring & Evaluation.



Dr. Norman Njogu of the Department of Reproductive Health demonstrates the management of shoulder dystocia to students during a practical.

So far, the Department has received training equipment valued at about Kshs3,000,000 and secured them at the Faculty of Health Sciences skills lab in Nakuru town. Further, six members from the Faculty: three from Reproductive Health Department, two from Nursing Department, and one from Paediatrics Department underwent a trainer of trainers EmONC course, with more expected to be trained to cover all lecturers and supervisors of medical students in Maternal and Newborn Health. This skills training programme falls within the broader proposal to host a Regional Simulation Centre in the Faculty of Health Sciences.



Ms. Alice Maranga, a Clinical Nurse Specialist, demonstrates airways management in the human body.

Message from the Dean



Prof. Michael Wabwile

At the Faculty of Law, the fanfare of securing accreditation and launching the Bachelor of Laws programme witnessed in 2016 has given way to a new chapter. We have turned our focus to the task of establishing operations and growing to maturity. With three intakes in June and September 2016, and in May 2017, the student enrolment has increased from zero to 25, 86, and 110, respectively, which includes both government-sponsored and self-sponsored students. However, we are aware that growth without due regard to quality imperatives contradicts the very *raison d'être* of the institution. As an academic subdivision with functions defining the institution's core mandate, we are aware that we must be doing the right thing, in the right manner, at all times. The three areas of quality assurance we are concentrating our attention on are: the need to institutionalise a culture of operational efficiency in programme administration, promoting students' technical skills, and fostering continuing improvement and achievement by service providers.

To reinforce administrative efficiency, the Faculty of Law has developed an Operations Manual as part of its founding instruments. The manual incorporates the existing provisions of the ISO 9001:2008 Quality Assurance

procedures adopted by the University and redefines the promise we make to our clients and the respective obligations of all parties involved in running the Faculty business.

Applying this simple tool, we ensure that our service providers attend to contractual duties and submit students' assessment reports on time, without any exception or excuse. The Manual stipulates that the Faculty Registrar must issue provisional academic transcripts to all learners within six weeks of the end of the semester examinations. Moreover, students have the right to demand all that we have promised them. We promise what we are able to deliver and we deliver what we have promised.

Moreover, this system ensures that only students who comply with the obligations to attend scheduled learning activities and pay the prescribed University fees may be accredited to remain in the programme or take examinations. Recent experience in implementing this Manual proves that it is a useful hands-on tool for cultivating a culture of high performance and operational efficiency in programme delivery.

Our undergraduate programme is designed to be a research-skills intensive learning experience. From the outset we want to nurture a culture of academic writing among our learning friends. Therefore, our students in the First and Second years of study will have a media outlet in our new law magazine in which to showcase their skills in critical literature review and digesting case law. Following approval by the University Management, it is projected that the first edition of the students' law magazine will be

produced in July 2017. This magazine will promote academic writing by our students and enable readers to gauge the quality of learning that our students are gaining.

Colleagues at the Faculty are aware of the need to pursue continuing professional improvement and achievement, and enhance capacity for providing quality service. Our team of academic and administrative staff are active in post-graduate studies, fellowships, short courses, research, volunteering and strategic engagement. We would like to grow into a community of resourceful people with testimonies of achievement and commitment to high performance. Paul Kanyinke Sena successfully defended his doctoral thesis on the rights of indigenous peoples at the University of Arizona and was awarded the JSD degree in December. In February, the Faculty co-hosted a seminar in Nakuru with the Association of Child and Family lawyers of Kenya on the emerging human rights issues in the new family law. Charles Marube Getanda has been accredited as a Trainer by the Mediation Training Institute East Africa. Dr. Ruth Aura-Odhiambo served as a Judge at the inaugural National Equality Moot Court Competition held at the Strathmore Law School on 4 May 2017. Prof. Michael Wabwile served as Peer Reviewer for the Commission for University Education during the Commission's countrywide quality audit of public and private universities in January – February 2017.

Looking forward, there is a valid basis for optimism. As a Faculty we are on the right path. Our steps are sure. Our future is bright.

LWM Programme Changes Lives

This year, the Limnology and Wetlands Management (LWM) programme had a fair share of participants from Kenya, Uganda, Rwanda, Zimbabwe, Guatemala, and Austria. The students integrated well and embraced team work as envisioned in the programme objectives. As has been the tradition in their very first module which covers Lake Ecology during the Kenya trimester, the students visited Lake Naivasha and were accommodated at the Kenya Wildlife Training Institute (KWSTI), Naivasha. They also had a chance to stay at Elsamere Naivasha which is a conservation training institution that blends well with the surrounding nature and borders the lake. At this habitat, the students had a chance to interact with hippos, giraffes, monkeys, warthogs, antelopes, zebras, buffaloes and different fish species during their fieldwork sampling and at night while sauntering through the institute's compound.

The fresh and saline lakes of Baringo and Bogoria were not part of their study sites this year due to the clashes that were witnessed in Baringo and its environs in the month of February. The lake study fieldwork covered the Crescent and Crater Lakes in Naivasha and the experience in this environment was one of a kind with the students hiking the cliffs of Sonachi Crater during sunrise. The chilly night in the tented rooms of the Crater Lake Resort and the chatters and gibbers from the different species of monkeys and whistles from the nocturnal birds created a unique experience for participants. Apart from the fun-based fieldwork, the normally intense laboratory activities of the programme were very much appreciated by the students who acknowledged that it was only at Egerton University where they did meaningful laboratory work with significant assistance from the technicians and lecturers.

The Wetlands module which involves regional experts had its fair share of experiences. The group sampled James Finlays Tea Company's

constructed wetland and the natural Donosoyiet Wetland in Kericho for their group and individual oral presentation examinations which form an integral part of the course. The dramatic and travels galore fisheries and aquaculture module gave the students a chance to learn the science and the business part of fisheries as an important aspect of their fisheries management discipline. Intensive fish farms at Kamuthanga in Machakos and the Integrated Thamura Fish Farm in Kandara enriched the students' knowledge on how to develop their practical knowledge in business for bigger returns. The Highland Green Algae Fish Farm, managed by William Kiama, encouraged the upcoming fish farmers and gave them hope that they could make it in the fish business by starting small. Finally, the students sat a university examination which was the overall assessment of the programme and will be graded to give a final score for their first-year course work.

This year, the programme is proud to be associated with two hardworking women, Ms. Renis Ojwala and Ms. Martha Muteti, both of whom are graduating in June 2017. Ms. Ojwala is a fish parasitologist and pond nutrient specialist in aquaculture while Ms. Muteti is a fish feeds specialist. These two fish experts were extensively involved as technical staff in assisting the current LWM students in the field, lab work and practicals during the Fisheries and Aquaculture module. So far, the programme boasts of graduating a total of 35 students since 2014 to 2017. Out of the 35, Egerton University graduated 10, Boku 14 and UIHE 11 students.

The hands-on skills imparted by the programme to the students have seen the growth of many young scientists, wetland experts, environmental lead experts and emerging environmental consultants who are transforming the world for the better with their environmentally friendly innovations. Two of the beneficiaries of the programme who are shaping the world's environment are Ms. Hope Mwanake and Ms. Jully Seema Senteu. Ms. Mwanake is a co-founder of TRACE, a community based organisation that targets to solve two problems in Kenya. Firstly, it seeks to reduce the pollution caused by burning wastes in the cities. Secondly, TRACE seeks to empower and develop young people by giving them meaningful employment. TRACE is situated in Gilgil town and has a waste recycling factory which crushes waste glass into glass sand that substitutes the normal sand in the production of building blocks.

Ms. Senteu is one of the first graduates of LWM in 2014. She is currently the Narok County Director for Environment & Natural Resources and also the founder and managing partner at Seema Water Solutions Ltd. Currently, she is working with a luxury resort in Narok as a wetland expert where she recycles used water in the resort by purifying it through a constructed wetland that she designed by herself. This is crucial since Narok is water scarcity area.



Limnology and Wetland Management students in a practical lesson on fish conditional factors at a hatchery at the Egerton University Agro-Science Park.

BOARD OF UNDERGRADUATE STUDIES AND FIELD ATTACHMENT

Message from the Director



Prof. Nancy W. Mungai

Graduation is here again, and we celebrate the achievements of the graduating students during this 36th Graduation Ceremony. Graduation is an important milestone in academic life both for the graduates and the University as it sums up the efforts of each candidate for the years they have invested in their study, and that of departments that have facilitated successful completion of the academic cycle.

As a Directorate, we are proud to be associated with the graduands today, especially those who are qualifying for their undergraduate degrees. The Board of Undergraduate Studies and Field Attachment Programmes (BUGS/FAP) is responsible for the review of, and recommendation to the Senate on, the quality of undergraduate degree and diploma curricula. The Board also coordinates and facilitates field/industrial attachment (FA) and teaching practice (TP). As such, BUGS interacts with undergraduate students long before they set into class, as the students

select their programmes of study and during industrial/field attachment. The 2017 Field Attachment session will commence on 26 June 2017, when approximately 2670 students are expected to gain hands-on experience in the market place. However, because of the change in the academic calendar for 2016/2017 Semester II, Teaching Practice will be done in May 2018, in which more than 2000 students will participate.

Egerton University continues with its tradition of working closely with farmers. Currently about 120 students are attached to various farms across the country. In addition, Egerton University has partnered with Arava International Agricultural Training Center (AICAT) from June 2016 in enhancing hand-on skills for students undertaking agricultural related sciences. The 11-month programme provides selected students with an opportunity to be attached to farms and farmer organisations in the Arava

region of Israel for five days in a week, and one day training at the AICAT Centre.

Over 100 students drawn mainly from Egerton University, the Jomo Kenyatta University of Agriculture and Technology (JKUAT), the National Irrigation Board (NIB), and the Kenya Water Institute (KEWI) are participating in the 2016-2017 cohort. Of these, 27 are from Egerton University and are placed in nine locations spread across Arava either in field work or in the packing factories within the farms. All the participating students are happy to be in the programme and have urged that the partnership between Egerton and AICAT be strengthened to involve more students in the future. The 4th cohort of 33 students passed their interviews held on 6 and 8 March 2017 at Njoro Campus and preparations are underway for the students to travel to

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The three Egerton University participants in the Top Story Investigative Journalism Challenge, 2017. Left to right: Kuria Irungu, Mary Kabue, and Immanuel Omolo.

BOARD OF UNDERGRADUATE STUDIES AND FIELD ATTACHMENT

Message from the Director

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Israel for their eleven months internship programme in July 2017.

As is the case with respect to the admission procedures performed for those selected to join traditional institutions among Kenyan communities (such as the Kaya elders), the new students underwent

an elaborate initiation ceremony. This included donning the appropriate academic gown (without cap and hood, which are reserved for those attending the degree award ceremony) and taking the oath of matriculation. The formal ceremonial procedures (such as the prayer, the oath and gowns) are designed to reinforce a

ritualistic spiritual impartation upon every participant – as well as to register the clear message that we are here on serious academic business. Other highlights included the Vice-Chancellor's address and the all-important matriculation photograph, which captures the historic moment.

BOARD OF POST-GRADUATE STUDIES

Message from the Director



Prof. Nzula Kitaka

It is the time of year once again when we celebrate the achievements of our students at Egerton University. On behalf of the Board of Post-Graduate Studies (BPGS), I take this opportunity to congratulate all the graduands of the 36th Egerton University Graduation Ceremony. Graduation marks the peak of success and achievement for hard work, effort, determination and patience, and a milestone for family members, well-wishers, sponsors and the whole University fraternity.

As BPGS we continue to strive and serve our post-graduate students with diligence. Since 2016 most of the post-

graduate students have been registered on the management portal and can now manage their activities in the comfort of their sitting rooms across the country. I am aware that we still have a long way to enhance easy services in all campuses but a step in the right direction is the beginning of a drift. In the 2016 (34th and 35th) graduations the University had the highest number of post-graduate graduands ever. Those of you graduating today are winners, who never gave up even when the road seemed impassable. You endured many challenges, sleepless nights, and despair, and sometimes you were almost on the verge of giving up, but your dedication and perseverance kept you going. It is a major step in your life journey, as you acquired new knowledge and skills. The limit is beyond the sky, and you are now ready to conquer the world. Therefore, you have every reason to celebrate today. On behalf of the BPGS I congratulate you sincerely.

Currently the University is attracting post-graduate students from many African countries both at Master's and Ph.D. levels. BPGS has continued to

undertake measures to improve service delivery through reorganising several activities such as the registry, upgrading of students files and facilitating students' registration in the University portal to enhance progress monitoring, fees payment, and, hence, completion.

Post-graduate students constitute an important component of the epitome of the society and are expected to be solution providers. Our hope is that the knowledge you have acquired at Egerton University has made you a better person to make a difference in the society and “Be the change you want to see in the world” (Mahatma Gandhi). Be a leader, thinker and problem solver. For the continuing students, borrow a leaf from those who are graduating today on how to make your knowledge relevant for societal demand by creating new innovative solutions. Help us make your dream come true and graduate as per schedule by following post-graduate regulations. In this way we will all be winners.

Message from the Director



Dr. Damaris S. Parsitau

May I take this opportunity on behalf of the Institute of Women, Gender and Development Studies (IWGDS) to congratulate all our graduands on this

great day. Completing your studies is no mean achievement on your part. It is a culmination of many years of hard work, sacrifice, sheer tenacity, discipline and focus. So you all need to pat yourself on the back and enjoy this moment because you made it! The Institute is committed to continuously offering improved services to all its clients. Here are a few highlights of this year.

The Institute, in collaboration with the USA-based Center for New Futures, held the Kenyan Women Rising (KWR) Transformational Leadership Programme on 5-10 February 2017. The KWR is an immersive leadership programme that changes lives through

capacity building that comes from within. The programme is designed for women who are leading change to achieve gender equity around the world. Participants were drawn from public universities, the private sector, Civil Society Organisations, Community Based Organisations, grassroots women as well as youth and students. Seven women of varied ages and professional backgrounds received partial scholarship for this ground-breaking training. The Vice-Chancellor of Egerton University as well as the Directors of Gender Institutes in Laikipia and Kabianga Universities were some of the participants in the training which also focused on personal branding, vision

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The Director of the Institute of Women, Gender and Development Studies, Dr. Damaris S. Parsitau (second left), with participants in the Kenyan Women Rising Transformational Leadership Programme training held at Egerton University on 5-10 February 2017, including the two representatives of the Center for New Futures, USA (third and fourth left).

Message from the Director

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setting and planning, engaging communities, reproductive health, politics and leadership and society.

Dr. Phylis Jepkemoi Bartoo, who was recently elected as the first ever female Dean of the Faculty of Arts and Social Sciences (FASS), was one of the participants of the KWR programme and it was in this training that she was taught to create and outline her vision and how to brand herself for leadership and management. The Institute congratulates Dr. Bartoo and wishes her the best in her new assignments.

Early this year, three of the Institute's Ph.D. students applied and were competitively selected to participate in CODESRIA'S College of Academic Mentors Institute at Kenyatta

University on 10-20 April 2017. The College of Academic Mentors' Programme is part of CODESRIA's support to Africa's institutions of higher learning. In this intensive 10-day training the students spent time with a pool of highly skilled academic mentors drawn from the African diaspora to develop their research proposals, publish papers, and prepare to attend conferences. In this way, the programme enriches the quality of research and enhances timely completion of doctoral studies. As part of this arrangement, each Ph.D. candidate is paired with a Diaspora Scholar to mentor him/her.

The Director, IWGDS, was recently appointed as the 2017 Echidna Global Scholar in Education by the Washington, DC-based think-tank

Brooking Institutions, Center for Universal Education, for her commitment to girls' education through the Let Maasai Girls Learn Initiative. This prestigious appointment invites the Director to join the 2017 cohort of Echidna Scholars from India, Jamaica, and Mexico to improve the status of Girls' Education globally. As a global scholar, Dr. Parsitau will spend approximately five months in residence at the Brookings Institutions and with the Center for Universal Education researching a uniquely developed research topic, "Let Maasai Girls Learn," a topic designed to increase evidence-based research and improve girls' education in Kenya and to implement the activities planned as part of her research.

COLLEGE OF OPEN AND DISTANCE LEARNING

Message from the Director



Prof. Ezra K. Maritim

to learning leading to their successful completion of their respective programmes. Your graduation marks the end of one learning cycle and the beginning of another learning cycle. There are individual, family and national risks and socio-economic losses associated with one's failure to continue learning. Alvin Toffler, the author of *Future Shock*, warns us that in view of the digital revolution "the illiterates of the 21st Century are not those who cannot read and write but those who cannot learn, unlearn and relearn."

Leaving a conventional campus is not the end of learning. Continuous learning, re-learning, and professional development and enhancement is the

key to a full and satisfying life. An opportunity for such a life is being provided by Egerton's CODL through blended learning. Blended learning is a situation where some sessions are conducted in a regular classroom while others are conducted online. At Egerton University the students' orientation, continuous assessments and examinations are conducted in regular classrooms while self-assessments and learning with tutor-assistance take place online. Our blended learning philosophy is unique in that it is home-grown and does not rely on third parties. The new Egerton University lifelong learning strategy embraces the utilisation of ICT to improve access to higher education and

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Message from the Director

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training through “a” learning. Here “a” refers to anyplace, anytime and anywhere. The “a” learning is the hallmark of e-learning.

On the policy side, the need to shift the bulk of teaching and learning to e-learning is anchored on provisions of the Sessional Paper No.1 of 2005, the Sessional Paper No. 14 of 2012, the Egerton University Strategic Plan 2013-2018, and the Commission for University Education's standards for open, distance and e-learning.

For the last 15 years Egerton University has offered the School-Based Programme (SBP) of study. The noble objective of SBP was to provide quality and affordable training to teachers. Since its launch, the programme has significantly improved national human resource in the field of teaching. The idea of blending off-campus and on-site provision of teacher education was intended to enhance quality training. With effect from April this year, this programme has been revamped and restructured to reflect the changing needs of the stakeholders and the emerging new delivery methodologies.

The migration of the former SBP to e-learning is going through two phases: Phase I runs between April to December and involves the organisation and delivery of courses under the conventional semester system. This is a transitional period. Phase II involves migration of all courses to the University's e-learning Moodle platform. This migration process is on-going and upon completion, online courses will be supplemented by face-to-face sessions to be organised during the vacations.

The face-to-face sessions will be dedicated to practical activities, provision of pedagogical skills, flipped classroom activities and examinations.

It may appear that with the new part-time policy on the former SBP, a student will take eight years to complete a four-year programme. However, the flexibility embedded in open and distance e-learning has the ability to substantively reduce the programme duration. Our robust e-learning approach requires registered students to avail themselves for studies at their own time, access their online course materials using their own devices at any place that is convenient and comfortable to them, and study at their own pace. This flexibility allows students to accelerate their programme completion time.

Other than the former SBPs, Egerton University offers online programmes that have attracted students within the country and across the borders. There

are now 11 e-learning degree programmes available on the Egerton University Learning Management System.

The e-content development is a continuous process at Egerton University. To buttress this endeavour, our online platform is constantly being upgraded to accommodate innovative delivery methodologies such as video and visual simulation. Between 7 and 12 May 2017, twenty members of academic staff drawn from the Faculties of Arts and Social Sciences, Education and Community Studies, and Commerce convened at a workshop in the Kenya Wildlife Service Training Institute, Naivasha, to develop their respective e-content for year 3 and 4 e-learning courses. Since the inception of e-learning at the University, over 200 academic staff have participated in e-content development of over 150 courses.



Egerton University lecturers participate in an E-content development workshop at the Kenya Wildlife Service Training Institute, Naivasha, on 7-12 May 2017

Message from the Director



Dr. P. K. Migwi

The Directorate of Examination and Timetabling, which falls under the Deputy Vice-Chancellor (Academic Affairs), is tasked with a number of responsibilities in the University. These responsibilities include the preparation of the annual Academic Calendar for Senate approval, the preparation of the teaching and examination timetable and the field trip schedule. It also has the mandate of ensuring that University examinations are processed and administered in a way that is credible and inspires confidence among all stakeholders. The Directorate, in consultation with the Office of the Registrar (Academic Affairs), also coordinates the internal and external moderation of all University examinations across all the Campuses.

During the month of January 2017 the commencement of teaching and learning in the University in Session Two was interrupted by the nationwide strike of the university academic and support staff. The strike paralysed learning for almost two months. As is typical in cases of such disruptions, the Directorate had to go back to the drawing board to revise the

Academic Calendar for the remaining part of the 2016/17 academic year and for part of 2017/18 academic year so as to mitigate the negative effects of the disturbance. Furthermore, the revision of the University Calendar has to take into account new developments in University education. In this case, we had to ensure compliance with the new Commission for University Education (CUE) regulation that requires that a student must pass all examinations for courses taken in the current academic year before transiting to the next year. The Academic Calendar, therefore, has to ensure that the break that normally occurs at the end of an academic year is long enough to allow for processing and release of results and for taking of Supplementary Examinations for the failed courses.

In an endeavour to ensure that University examinations are administered in a credible manner, the Directorate of Examination and Timetabling has come up with Revised Guidelines on Invigilation. The new rules were put into use during the current June 2017 examination session and will assist in eradicating incidences of examination malpractice. It has been globally recognised that proper invigilation, especially for examinations with high stakes as those in universities, is becoming a major challenge mainly due to advances in modern technology. This is especially true where large numbers of students are involved and the number of invigilators is inadequate.

The Directorate is also tasked with ensuring that all University examinations are subjected to both internal and external moderation as this process plays a critical role in ensuring that Egerton University

produces graduates who are truly competent. The graduates can then take assignments in their area of specialisation in both the public and the private sectors whether nationally or globally. Globally, the training in all disciplines is now geared towards self-employment, and in this regard our graduates are equally prepared to venture into self-employment – and indeed a significant proportion have succeeded quite well.

The Directorate is also committed to facilitating timely processing of results so that students can know their status soon after completing an academic year. In this regard the Directorate plays a major role in providing a schedule to all Faculties and Directorates showing the timelines for marking examinations, external moderation, processing of results, holding of Faculty Board meetings, and finally the approval of results by the Senate. It is noted that while this process will culminate with the issuance of transcripts, which can take time, students must know their provisional results not long after the examination session since lecturers are expected to have completed marking within two weeks. Adherence to the examination results schedule issued at the beginning of every semester by the Directorate serves to mitigate the anomaly of missing marks that troubles not just Egerton University but other public Universities as well.

Finally, let me take this opportunity to congratulate all candidates who are graduating during the 36th Graduation Ceremony. We wish them all the best as they prepare to enter the vibrant job market to serve mankind in their various fields of specialisation in which they have been trained and examined.

OFFICE OF THE DEAN OF STUDENTS

Message from the Dean



Prof. D. Odero-Wanga

It gives me great pleasure to join the Egerton University fraternity in passing a word of congratulation to all the graduands during this Graduation Ceremony. May you have the best in all your future endeavours. The powerful diversity of the programmes that you have encountered in this University will contribute in one way or another to your professionalism. I hope and trust that the knowledge, skills and positive attitudes you have acquired will go a long way in making you well-grounded and productive members of the society.

The Office of the Dean of Students coordinates all activities related to student affairs. The mandate of the Dean of Students Office is to develop, nurture and promote an enabling environment that supports and enhances both the academic pursuits and other development processes of students; to offer services that cater for the general welfare of students; and to serve as an advocate for students by assuring that the interests of students are served in strategic aspects of University operations. The services offered in this Office include: Counselling; Registrations of Clubs; Career Advice; Public Lecturers; Financial

Aid; Orientation of First Year Students; and Recreational Activities.

There are four sections under the Office. The Chaplaincy Section provides environment for free interaction of religious groups which include Protestant, Catholic, SDA and Muslims. The mission of the Chaplaincy is to organise, to coordinate and to offer spiritual services in the University, and to serve and act as a link between the University administration and the faith community.

The Counselling Section aims to assist students in the development of skills for establishing and maintaining effective and rewarding personal and social relationships in the formulation and accomplishment of their educational and career plans, and facilitate student self-understanding and self-acceptance. The Sports and Games Section is manned by highly qualified personnel in all the Campuses. There are a variety of disciplines, including: Soccer, hockey, netball, basketball, swimming, volleyball, rugby, tennis, boxing, weightlifting, martial arts, aerobics, cycling, athletics (track, field and cross country), and handball.

The overall goal of the Student Leadership Development Programme is to develop a holistic leadership among students which will impact not only on the University community but also on the society as a whole. Among activities that have taken place since the beginning of the current year, the University participated in the Regional Drama Festival, which was held on 8-9 March 2017 in Kericho County. Egerton University students were represented in seven categories. They won: Position One for Play in English, where they also received awards for the Best Costume & Decor Play and

the Best Producer Play; Position One for Kiswahili Choral Verse, as well as, in the same category, Best Choral Verse Composed, Best Costume & Décor, and Adjudicators' Award; and Position One in the Comedy category. They were First Runners-up in: Solo Verse; Modern Dance; Mime Production; Mime Presentation; Mime Design in Action; Adjudicators Award. They occupied Position Three in: Narrative; Adjudicators Award; Best Actor – Dennis Mutunga; Best Actress – Evaline Mwangi.

Following the regional level, the National Drama Festivals was held in Kisumu County from 7 to 16 April 2017. Egerton University's participation was crowned by the following awards: Certificate of Participation as Producer of Play/Comedy/Solo Verse/Choral Verse/ and Mime; Best Item on Road Safety; Best Item on Youth and Responsible Health Behaviour; Costume and Décor – Mime – Runners up; Best Scripted Mime – Runners up; Best Production Mime – Runners up. An entertaining and successful Culture Week 2017 Edition was held from 8 to 12 May 2017. The theme was “Embracing Diversity, Peace and Harmony in our Environment.”

A number of trainings also took place, including: Students Leaders Training Workshop, held at Multimedia University from 31 January to 5 February 2017; Alcohol and Drug Abuse for 100 students and 20 Peer Counsellors held at Njoro Campus, on 22 and 23 April 2017; SUEU Congress training held at the ARC Hotel on 4 May 2017; and Class Representatives training held at Njoro Campus on 11 May 2017.

Culture Week Lives up to Its Theme

“Embracing Diversity, Peace and Harmony in our Environment” was the theme of Egerton University's Culture Week, which was held in the institution from 8 to 12 May 2017. Students were the main organisers of the event and were at its centre. The dressing code for each of the five days was different, reflecting different aspects of Kenyan life and culture.

The climax of the celebrations was the closing ceremony, which was attended by the institution's top management, some of who were dressed in attire designed to enhance the theme of the event. On this day different communities, including Luhya, Maasai, Kisii, and Kalenjin, as well as Chinese, showcased their cultures on the stands. On display were different types of traditional foods and vessels, which included a calabash (aguata) and fish (mbuta) for the Luo, hen meat (ingokho) and a mixture of beans and sweet potatoes (mushenye) for the Luhya, and roast meat, herbals and animal blood from the Maasai community. Songs, traditional marriage ceremonies, and a Chinese poem were presented.

The audience was entertained, thrilled, and inspired by the vitality of the diverse cultural performances and by the speeches from the institution's managers. Many awards were given.

The Vice-Chancellor, Prof. Rose A. Mwonya, urged the University fraternity to develop a culture of reading, working together in harmony



The Vice-Chancellor, Prof. Rose A. Mwonya, and the DVC (AA), Prof. Alexander K. Kahi, with participants in the Egerton University Culture Week on the closing day of the five-day event (8-12 May 2017).



Participants in the Culture Week showcase Kenyan attire from diverse backgrounds.

and understanding, of being good agriculturalists and protectors of the environment; and of national cohesion and universality that will accommodate students from other nations. She also challenged the

students to be responsible in their cultural activities and to uphold ethical behaviour.

On his part, the Deputy Vice-Chancellor (Academic Affairs), Prof.

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Culture Week

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Alexander K. Kahi, insisted that diversity is a source of strength and that without diversity there would be no improvements. He also urged the students to embrace a befitting culture of honesty, hard work and high performance. He used the saying “Mwacha Mila Ni Mfalme” to encourage the students to abandon the bad culture of examination irregularities, tribalism and hatred and embrace the good culture of doing the right thing at the right time.

“Culture is who I am. It has made me who I am today.” This statement was made by Prof. Alfred Kibor, the Acting Deputy Vice-Chancellor (Research and Extension). He also encouraged the students to enhance a culture of peace and harmony in our society and environment. His advice to the students was to acknowledge the importance of culture and to

recognise the equal value and status of different cultures.

The Dean of Students, Prof. D. Odera-Wanga, whose office is responsible for the Culture Week, said that the event helps the students in embracing diversity and having compassion for one another. She urged students to take care of others' welfare and to always help one another in their academic life and in all other situations. She acknowledged and gave thanks to the sponsors of the event, the Kenya Commercial Bank and the Coca-Cola Company, as well as the Culture Week

Organising Committee for the great effort they made towards the success of the event.

The event is held annually, and one would be a loser to miss it.



An example of hair and face adornment presented at the Culture Week

Egerton Teams Impress at 2017 KUSA Games

The 2017 Kenya University Sports Association (KUSA) Games were held at Moi University School of Law Annex Campus between 7-9 April 2017. This was the 6th edition and it attracted 18 universities across 15 disciplines. The KUSA Games are normally scheduled as part of the celebrations to mark the International Women's Day. They are open to both public and private universities in Kenya with competitions held in disciplines like ball games and martial arts.

Egerton University was represented by four teams: Volleyball, Hockey, Soccer, and Swimming. In volleyball, Egerton played against the University of Nairobi (UoN) and Jomo Kenyatta University of Agriculture and Technology (JKUAT) in the preliminaries and lost to the hosts Moi University in the quarter finals.

The soccer team played to an all one draw (1-1) against Maseno and Kirinyaga Universities respectively and lost to Chuka University in the quarter finals. Universities which

participated in swimming included Kenyatta, UoN, Moi, Kirinyaga, and JKUAT. Four swimmers represented Egerton University and emerged 4th overall after participating in both individual and team events.

The hockey team played against UoN and Chuka Universities in the preliminaries and went on to beat host Moi University in the quarter finals, thrashed Kenyatta University 5-3 in the semi-finals and lost to University of Eldoret 0-1 in the finals to finish 1st runners up.

DIVISION OF RESEARCH AND EXTENSION

Message from the Acting Deputy Vice-Chancellor (Research & Extension)



Prof. Alfred Kibor

think about how to confront the many challenges that confront humanity today. Endeavour to make this world a better place than you found it – through providing appropriate solutions for the challenges that you encounter. Innovative ideas are what will eventually solve the problems currently facing the world, and we at Egerton are confident that with the knowledge and skills you have acquired from the University you can comfortably do so.

Graduation is just a stepping stone to greater things in life. One needs to strategize on how to face the world. The real value of setting and achieving goals is to be found not so much in the reward you receive as in the person you become because of reaching your goal. As you serve mankind in your respective capacities, do not shy away from any challenge that may come your way. Rather, use the many skills

you have acquired at Egerton to respond to them accordingly. Evolve the habit of conceptualising such challenges as opportunities that you can take advantage of to transform stumbling blocks into stepping stones to higher goals. You have been moulded to compete effectively both locally and globally as you serve the local community, the country, the region, and the world. Always serve from the bottom of your heart as well as uphold the virtues instilled in you by the institution.

Finally, never underestimate the power of humble beginnings. Whatever noble thing you are called upon to do with your hands, give it your all and you shall surely make it. You have all it takes to succeed in life. Dare to dream big, and to go as far as your dreams will take you.

Congratulations, and God bless you.

Today we are celebrating an important event in your life. Getting to where you are today has taken a lot of discipline, sacrifice and hard work on your part, virtues that you should continuously uphold. You should be proud of the fact that you have passed through the hands of lecturers and researchers who are recognised globally. As you step out into the world, take care that you adopt a flexible approach to life. Besides looking for employment,

Scientific Knowledge Cornerstone of Division

Many Universities in Kenya have (re)structured their organisations to the model of research and extension management pioneered by Egerton University by assigning at the top of policy decision a Division of Research and Extension headed by a Deputy Vice-Chancellor. This is an institutional innovation that Egerton University pioneered thirty years ago, in 1987, when Egerton transformed from a college of Agriculture offering diplomas in Agricultural Sciences and Engineering into a University awarding degrees. The thinking in

creating a Division of Research and Extension was to give prominence to Research and Extension in the University and to retain the brand name and tradition that Egerton College had built in practical Agricultural Education and Training since its inception in 1939.

The Division of Research and Extension is the strategic arm of Egerton University for exercising its mandate to generate and disseminate scientific knowledge that contributes to national and global development. This mandate is translated into three

priority areas of functional performance: Research that transforms lives; Extension services that orchestrate transformation of lives; and University-Industry linkages that leverage transformation of lives.

The functional performance areas of the Division are anchored on three University Strategic Goals: increasing research, consultancy and community outreach; increasing linkages and collaborations; and enhancing governance and resource

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DIVISION OF RESEARCH AND EXTENSION

Scientific Knowledge

Continued from page 25

mobilisation. Towards attaining these Strategic Goals, the Division is tasked with the delivery of specific targets.

Within the Strategic Goal of increasing research, consultancy and community outreach, the Division is responsible for delivering on six Strategic Targets: 1) increasing research output and disseminating findings; 2) enhancing development of innovations; 3) engaging in consultancy and public policy development; 4) engaging in priority areas of community outreach and extension; 5) enhancing monitoring and evaluation of research and extension activities; and 6) engaging in emerging cross-cutting issues.

Within the Strategic Goal of increasing linkages and collaborations, the Division is directly responsible for establishing linkages with national and international organisations and for increasing collaborations with the industry.

For attaining the Strategic Goal of enhancing governance and resource mobilisation, the Division delivers on facilitating more resource mobilisation and assuring efficiency of service provision, and financial and risks management to partners, clients and the government of Kenya.

The Research Management Model

Priority research areas are clustered into seven themes: Food Security, Science and Technology, Health and Environment, Education and Capacity Development, Governance, Law and Security, Climate Change and Natural Resources, and Culture and Socio-Economics. Funding of

research in any of these areas may be mobilised from internal resources allocated by the University for which faculty staff compete in response to calls for proposals. The submitted proposals are subjected to a process of peer-vetting and reviewing. The winners implement their projects within the research policy guidelines and have to comply with the financial, procurement, ethics and monitoring and evaluation requirements enforced by the University.

Internal research funding is limited, so the Division has assigned surveillance staff that track calls for proposal. The captured calls information is regularly circulated to Faculty staff, for which they can team up and respond.

In addition, the Division has allocated some funds to facilitate faculty staff to compete for such open grant calls internationally. Facilitation of staff to respond to grant calls is within the concept of growing more resources with little resources in which faculty staff compete for the limited research facilitation funds. The funds are specifically for networking and developing quality grant proposals, for which applicants must comply with pre-checks of quality assurance, and peer review support – and may be accorded value adding expertise needed to enhance packaging of a grant winning proposal.

The implementation of this research facilitation model in the last two years earned the University Kshs2.8 billion up from 0.5 billion. There are incentives to stimulate and inculcate a culture of research. The Division facilitates publication of research

outputs by paying for publication fee where needed. Grant winners are accorded formal recognition by the Vice-Chancellor during the annual Open Day celebrations for those winning the highest amounts of grant funds. Grant winners as well do receive direct monetary benefits as percentage of the administrative costs to share.

The Principal Investigators (PI) and co-investigators and the Department of the PI have specific shares allowed for in the University Research Policy. The PI and co-investigators may use the money in personal needs, but the Department must invest the money in priority Departmental infrastructure upgrading for which they must provide Departmental minutes at the time of requesting for their share. The Chairmen of the Departments often accumulate the money to reach targeted worth of the facility they want to acquire.

The Division has reorganised staffing and infrastructure to effectively and efficiently manage and administer international and interdisciplinary portfolios. Research has a specially assigned finance unit with accountants trained to manage international contracts. This arrangement hastens processing of requests for research funds, procurement and reporting, as well as provision of supportive documentation that development partners may require for their decision-making, monitoring and evaluation of the project and financial management.

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DIVISION OF RESEARCH AND EXTENSION

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The Community Extension Outreach Model

The Division offers extension services that include advisory services in agribusiness, technology transfer through training and demonstration and exhibitions, writing agribusiness articles in the *Seeds of Gold* magazine, which is published weekly in the *Saturday Nation* newspaper, and production of extension materials distributed to the public free of charge.



Prof. Bockline O. Bebe

are registered community groups with demonstrated evidence of substantial efforts towards the objectives related to the requests made; that have relevance and alignment to targets in the Performance Contract of the University; and that contribute to social or economic pillars of the Vision 2030. Consultancy services are offered to clients who may request directly or through competitive bidding. These are offered at a fee pegged on the tasks set out in the terms of reference.

The University-Industry Linkages Model

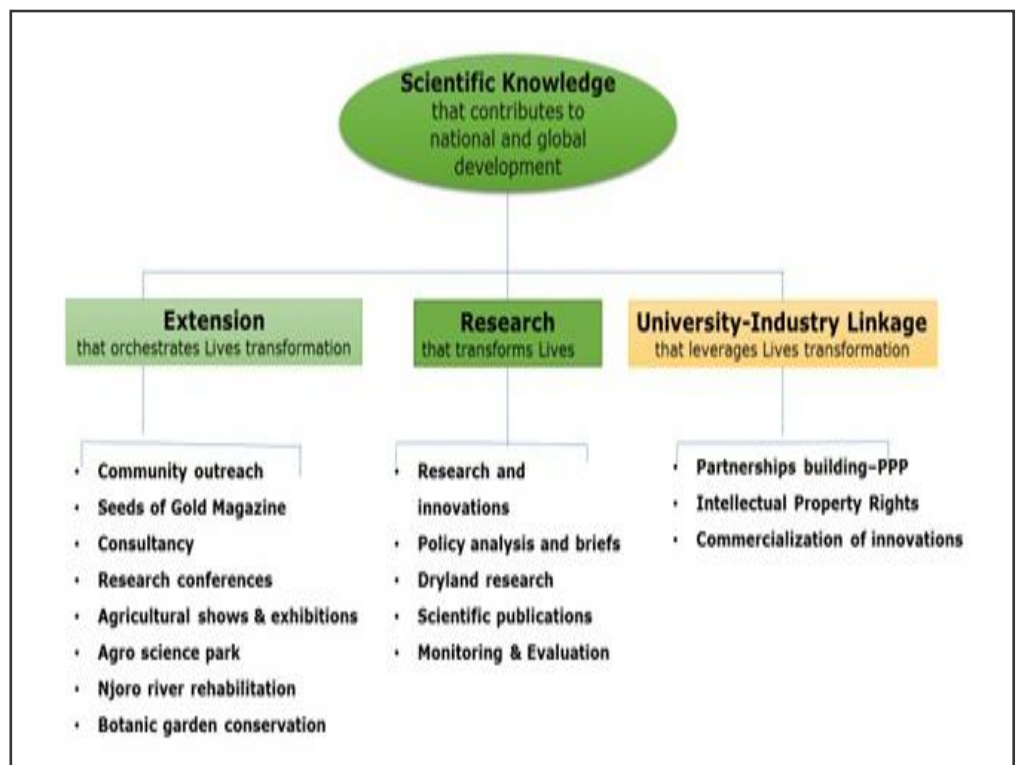
The University-Industry linkage is managed under the University-Industry Liaison office (UILO), which is tasked to attract and retain effective partnerships that have

specific value added and targeted measurable outcomes. In entering into a partnership, we define areas of interests and assess risk and opportunities in setting the agenda in question. We further define responsibilities and mutually expected outcomes and, together, discuss and agree on each partner involvement in all phases of the project cycle. These principles are guidelines in drawing partnership agreement instruments, such as Memoranda of Understanding with research institutions and private sector and Non-governmental Organisations.

The Acting Director (Research & Extension) is Prof. Bockline O. Bebe.

The advisory services, training and demonstration are offered on formal expressed requests. When a request is received, the Division undertakes a participatory needs assessment to prioritise interventions and action plans for implementation.

During participatory needs assessment sessions, the University staff assesses the potential outcomes of the intervention on the basis of capacity to: increase productivity, increase product quality, increase market access, and enhance nutrition and health, and capacity to enhance sustainable management of natural resources. The extension services that the Division commits to support are those: from marginalised groups such as the youth and women; that



The Division of Research and Extension at a glance

Message from the Director, Crop Management Research Training Centre (CMRT)



Prof. R. M. S. Mulwa

My warmest congratulations to the Class of June 2017! This must be a very proud moment for you. Chasing a dream requires effort and passion – and the hard work is by no means over when you graduate. I trust

that your sojourn at Egerton University has been one filled with many memorable moments, which will linger fondly in your minds for a lifetime.

As you graduate today and join our numerous Alumni, you should feel proud in continuing the legacy of your pioneers in contributing to Kenya's future success. It is also an opportune time for you to reflect on how far Egerton University has come and how we can do better. We are living in an ever-changing world, and to stay relevant, we need to constantly reinvent ourselves so that you, our graduands, and definitely our pride, will be work-ready, life-ready and world-ready.

Egerton University has equipped you with the knowledge and skills required to give you a good head start, whether you choose to start your career, be an entrepreneur or further your education beyond your current achievements. While the diplomas and degrees you have in hand are your entry tickets to the next level, always remember to upgrade yourselves to remain relevant in your career choice. No matter which path you choose, we hope you will continue to be an inspired learner, one who will serve your chosen industry with mastery while doing your part in caring for your communities.

Once again, congratulations for a wonderful academic achievement!

DRTED Is the Place to Be

The Egerton Dryland Research Training and Ecotourism Directorate (DRTED) is now the place to be. With the Nature Park nearing completion, the beauty of the area has been enhanced considerably. As a result, students and the public will be able to enjoy some of the dryland's unique resources and landscapes.

The facility will contribute immensely to the conservation of wildlife and culture in the North Rift. The Nature Park will house the following facilities: the Tortoise Park (whose construction has been completed); the Botanical Garden (which is nearly complete); the Crocodile Park (which has been completed); the Snake Park (which is under construction); the Nature Trail (which is almost complete); the Herbivore and Carnivore Park (which will be constructed in the 2017/2018 financial year); and the Primate Park (which will be constructed in the 2018/2019 financial year).

DRTED, being a learning institution, has enhanced the identification and naming of trees and plants in the compound. Documentation of the trees by their scientific, common names and uses has been done, and copies of the document can be found at the main offices.

The Directorate also offers camel riding at its Chemeron facility. So far, two camels have been trained and are being used for the service. This tourism activity is slowly picking up and will soon become a popular activity among tourists on the North-Rift tourist circuit.

A total of 35 post-graduate students (9 Ph.D. and 26 Master of Science students) have been offered scholarships from the DRTED Vision 2030 Flagship Project, which is housed in the Division of Research and Extension. The funds have supported the students in conducting their research work. The students are progressing well in their fieldwork,

thesis writing and presentations at conferences or workshops. Over half of the Masters students and a quarter of the Ph.D. students have since graduated in various programmes.

In the past one year, the Directorate recorded increased visitations by students ranging from primary to tertiary learning institutions. We received more than 1,000 students during the period. In addition, we hosted 10 students on field attachment from various institutions, including Egerton, the Kenya Wildlife Service Training Institute, and the Bukura Agricultural Training Institute. These students were involved in a number of research projects, and two of them presented their research work at this year's Egerton University International Research Conference. Their work focused on the impact of invasive species and enclosures on plant species diversity.

The Director of DRTED is Dr. G.M. Ogendi.

Tegemeo Institute Champions Development and Food Security

The Tegemeo Institute of Agricultural Policy and Development was one of the institutions that participated in the inaugural Nation Media Group (NMG) Leadership Forum, which took place early this year. The Director of the Institute, Dr. Mary Mathenge, who represented the Institute at the forum, was among the panellists, who discussed matters relating to development. The forum was launched as a platform intended to bring together professionals, stakeholders, leaders and Kenyans in general concerned about issues of national importance.

Lack of food and water were among the issues discussed at the forum. Dr. Mathenge noted that there was need for a serious review of the nation's agricultural policies and their implementation, especially since the nation's budgetary allocations to the agricultural sector was in decline. In late 2016, the Institute had warned of an impending drought come 2017, in a study conducted on the competitiveness of key food staples in Kenya. Availability, accessibility, and affordability of food were identified as the key drivers for national security in that regard. Panellists agreed that while the government's response to emerging issues in the agricultural sector was appropriate, more often than not its policies in that respect were implemented too late, thereby failing to forestall drought and high food prices. The NMG Leadership Forum platform seeks to encourage dialogue on key issues affecting the country, such as the economy, agriculture, health, governance and financial markets.

In addition to the NMG event, the Institute also participated in the recently concluded 8th AfrEA International Conference held on 27-31 March 2017 at the Speke Resort



On 8 February 2017, the Tegemeo Institute hosted a conference on the theme “Enhancing Smallholder Productivity in Kenya: Evidence from a Randomised Controlled Trial of New Seed Varieties”

Munyonyo Hotel in Kampala, Uganda. Themed “Evaluation of the Sustainable Development Goals (SDGs): Opportunities and Challenges for Africa,” the Conference brought together researchers, academia, evaluators and practitioners from the region. The aim of the Conference was to promote knowledge on the Sustainable Development Goals (SDGs) in Africa, as well as to build capacity to design, manage and use evaluations to help governments achieve their national and international development agendas, particularly around the SDGs and the Africa2063 Agenda.

The Institute participated in the conference specifically through providing technical support in the agriculture strand (including reviewing of abstracts, development of programmes and chairing of sessions). The Tegemeo staff who represented the Institute presented four papers and three posters on some of the evaluative work done by the Institute in agriculture. A one-day training workshop was also conducted on the topic “Use of Computer-Aided Personal Interviews for Rural Household Data Collection:

Tegemeo Institute's Experience.”

During the workshop, over 15 participants were trained on how to use tablets in data collection, designing/coding a questionnaire; data aggregation and analysis; and the pros and cons of using both Computer-Aided Personal Interviews (CAPI) and Paper-Aided Personal Interviews (PAPI).

Finally, on 29 March 2017, the Institute hosted an evening social dinner event for the participants in the Conference. The theme of the event was “Transformation of the Agricultural Sector through Strategic Partnerships in Measurement, Learning and Evaluation.” The event, which took place in the MCRL Pool Garden of the Conference venue, attracted 54 representatives from key African institutions, including government officials, professional evaluators, donors, civil society organisers, academics, and media people. Dr. Elvis Fraser, a Senior Programme Officer at the Bill and Melinda Gates Foundation, graced the social dinner event as a keynote speaker.

Agro-Science Park at Centre of International Linkages and Innovations

The Egerton Agro-Science Park is not just the only such park in Kenya, it is also among only fourteen parks in Africa that focus on agro-industrial innovations and STIs. The Agro-Science Park concentrates on agriculture, science and technology innovations in pursuit of sustainable agricultural development.

The Park was established in 2011 with the overall mandate of linking university with industry in the promotion of innovations and products intended to be commercialised. This will create new business opportunities and add value to agro-products, thereby spurring Kenya's national and regional development.

The reason why the Park was established is that Egerton University has a long tradition of agricultural training and research in the region and has innovations that can be nurtured into products and services for commercialisation. Currently, the Park is hosting agri-enterprise students who engage in business incubation.

The Park is currently establishing modern facilities, which include an innovation complex, irrigation facilities, research and demonstration facilities and stores that are designed to bring together scholars, farmers, graduate students, and business and governmental organisations to share information and innovative ideas in one physical location, and to support interrelationships through incentives

established through mutual partnerships.

The mandate of the Park is to offer research and training facilities in the region; to provide relevant expertise for developing agricultural innovations; to avail space for incubation of innovations; and to partner with

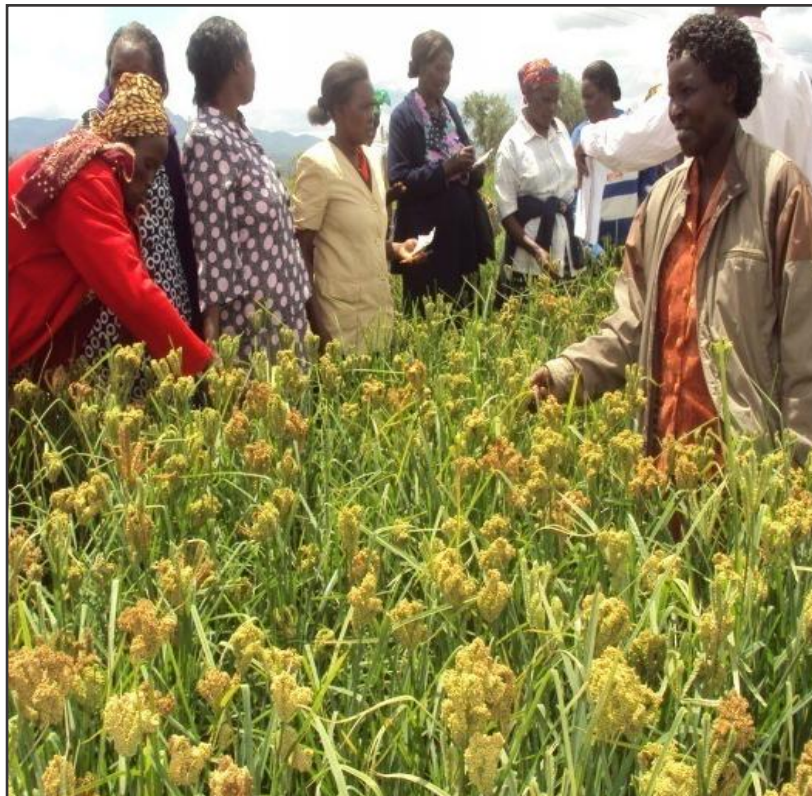
Once fully operational, the Park will consist of six aggregate centres housed in one umbrella complex building being established, namely the Agro Biotechnology Innovation Centre (ABIC); the Herbal Medicine Centre (HMC); the Variety Development and Seed Unit Centre; the Agro Food Industry Centre (AFIC); Fish, Yoghurt, mushroom; the Renewable Energy Centre; the Informatics and Computational Genomics Centre (BCGC); and the Agri-Business Incubation Centre (ABI).

The Park is a member of the International Association of Science Parks (IASP). Through this membership, it intends to open doors for partnerships with actors in the STI sector in the region and beyond.

So far, the Park has made several achievements in seed unit and variety development. For example, it has not only coordinated the develop-

ment of seven varieties of seed but also commercialised them in collaboration with a number of companies. Among the varieties are three high-yielding beans (Tasha, Chelalang and Cianku).

There are other products that are planned for promotion and industry linkages. They include the following: commercialisation and production of sorghum for multi-purpose uses (feed, food and bread); production of spawns from indigenous mushroom developed



Some of the women farmers in Koibatek, Baringo County, whom the Agro-Science Park has supported to grow the Egerton finger millet variety EUFM741

industry to commercialise agro-innovations. Its Vision is to be a centre of excellence in the generation and transformation of agricultural innovations into goods and services for a prosperous agro-industry in the COMESA region.

The Park will play a key role in the linkages with the World Bank Centre of Excellence in Sustainable Agriculture and Agri-Enterprise being hosted at the Faculty of Agriculture and Coordinated by Prof. George Owuor.

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Agro-Science Park

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by Prof. Wagara of the Department of Biological Science (who is also the Deputy Director of Research); promotion of Plant Extra to control Mosquito Larvicide through the research efforts of Prof. Josphat Matasyoh; promotion of production and processing of Stevia plant (*Stevia rebaudiana Bertoni*), a natural sweetener that helps reduce diabetes since it has the ability to secrete insulin (which helps people suffering

from diabetes, especially type 2 diabetes) in collaboration with China's Nanjing Agricultural University.

The Park is also involved in enhancing community integration by bulking sorghum, finger millet and groundnut seeds in Nakuru, Elgeyo Marakwet, Baringo and Bomet for supply to communities through funding from USAID and ICRISAT. It also participates in field days and Exhibitions.

In this respect, the Park has partnered with the Nation Media Group, through the Seeds of Gold clinics, to showcase several innovative Egerton products (mainly honey, seeds, fish and sorghum shellers) in Counties such as Trans Nzoia, Nakuru, Meru, and Nyeri.

The Director of the Park is Prof. Paul Kimurto.

Tree Planting and Community Sensitisation Meetings

On 5 May 2017, the Division of Research and Extension management team, led by the Acting DVC, Prof. Alfred Kibor, planted more than 1000 indigenous tree seedlings at the source of the Njoro River. Altogether, 6000 tree seedlings have been planted at the source this year, thanks to Egerton University's support and effort towards environmental conservation.

Riverbank stabilisation is one of the aspects of the Environmental System Management based on ISO 14001:2004 at Egerton University. River Njoro forms part of the University's neighbourhood, hence the concern for its conservation. The course of Njoro River runs between Entiyani in Narok County and Lake Nakuru, a distance of 60 kilometres. In close consultation with the ISO Secretariat, the activities of riverbank stabilisation are championed by a team headed by Prof. C. M. M'Erimba. Other members of this team are Prof. Julius Kipkemboi, Prof. S. T.

Kariuki, and Dr. Stellamaris Muthoka. Several activities are lined up annually in the University's effort to conserve this great resource.

One of the key activities in riverbank stabilisation is sensitisation of the communities living along the Njoro River course. That is why, before the tree-planting event in May, the office of the coordinator of the Njoro River Rehabilitation Project organised community sensitisation seminars at Nessuit, Ngo'нду, and Entiyani.

A workshop with the Nessuit community took place at the Chief's camp on 18 February 2017. The team first proceeded to examine the status of the river. The observation made was that the river had been left bare. Human activities were taking place up to the river bank. Nessuit Primary School pupils had two presentations. The pictorial presentation showed the current poor status of the river versus the expected future status. It demonstrated that human activities upstream had a direct effect on the people downstream. These activities included washing clothes in the river, agricultural activities, tree harvesting, water pollution, and watering animals in the river. All these interferences led to reduced water levels, soil erosion, reduced rainfall, and diseases. This situation had to be reversed and bring about: increased forest cover, reduced agricultural activities along the riparian zone, intensified tree planting, well drained roads, electrification of the area, and security controls. The poem emphasised the dangers of deforestation.



Nessuit Primary School pupils make a pictorial presentation on the status of River Njoro during a community sensitisation meeting with the Nessuit Community on 18 February 2017

DIVISION OF ADMINISTRATION, PLANNING AND DEVELOPMENT

Message from the Deputy Vice-Chancellor (Administration, Planning and Development)



Prof. Isaac O. Kibwage

time at Egerton University was but a stepping stone towards your tomorrow.

We trust that Egerton University has equipped you not only with an excellent academic qualification for the many challenges of life and work, but also with life-changing experiences to shape your future. For you the graduands, it is also a time for reflection; not only about the future but even more importantly regarding the sacrifice your parents, guardians, relatives and friends have made to see you through the years you have been at this fine institution. Let us all spare a moment, and thoughts to thank them for their sacrifice and patience. Many of them are here today to bear witness as you receive your academic credentials and are conferred with your respective awards. Your consistent hard work throughout your study

period at the University has indeed come to fruition today.

It is our wish that you will leave here today as proud Egerton University graduates who will continue to champion social justice and equality, and be change agents in building a better society and a better world.

Thank you for offering us the privilege of making Egerton University a part of your life. Your success is our success, and as Egerton University alumni, we look forward to watching your story unfold. Once more, I extend hearty compliments to you all for your academic attainments in this University and appeal to you to be good ambassadors of this University wherever you find yourselves.

Congratulations!

Graduation is a momentous occasion, representing the crowning moment of hard work and sacrifices that you and your loved ones made to reach this milestone. We salute and applaud your achievement and wish you all the best in your future endeavours, since your

HUMAN CAPITAL AND DEVELOPMENT

List of Staff Appointed from January to May 2017

NJORO CAMPUS

Prof. James Akuno Nyangaya
Adjunct Professor
Department of Industrial and
Energy Engineering

Ms. Clarice Akinyi Oluoch
Procurement Assistant II
Purchasing, Procurement and
Supplies

Mr. Kenneth Mutai
Procurement Assistant II
Purchasing, Procurement and
Supplies

Ms. Mary Njoki Ndukanio
Clinical Officer II
Medical Department

Ms. Ruth Wairimu Kimotho
Clinical Officer II
Medical Department

Ms. Paul Levenson Mwangi
Clinical Officer II
Medical Department

DIRECTORATE OF UNIVERSITY WELFARE SERVICES

Message from the Director



Prof. Fr. Stephen Mbugua Ngari

The Directorate of University Welfare Services congratulates all the graduands for their academic achievements, which have led to this special day for them. The Directorate continues to promote the welfare of our students in the areas of disability mainstreaming, catering and accommodation services. We are also responsible for staff welfare services and promotion of their overall development. In a nutshell, our aim is to make Egerton University a home for all, where each person's value is recognised and cherished.

The Directorate works with all the stakeholders on improving the welfare of the staff and the students on campus. As our customers, the students participate in decision-making processes on matters relating to their welfare through their able representatives of SUEU. Dialogue and cordial relationships are part of the processes

used to address emerging issues relating to learning and living in the University. We host 9,763 students in the hostels. We also address the welfare of over 5,000 students who live outside the University by collaborating with the private hostel owners, the security institutions, and the government administrative organs concerned. We also offer affordable meals in our catering services, and we continue to improve on these services by implementing the recommendations from the customers.

Since its inception in 2009, the Disability Mainstreaming section of the Directorate has made substantive strides. Guided by the Egerton University Policy on Disability and guidance from the National Council for Persons with Disabilities, the Directorate has been able to set up the Disability Resource Centre with appropriate equipment, adaptive technologies and devices. These include an embosser, braille machines and papers, crutches, JAWS, and white canes, among others.

Annual accessibility audits in the three campuses are carried out regularly, followed by diligent implementation of the audit recommendations, which include ramps, universal design of University buildings, training and sensitisation of senior management, staff and students on matters dealing

with persons living with disabilities (disability mainstreaming).

The Directorate has also developed a disaggregated data on Persons living with Disabilities. This data is based on gender, age, type and the severity of disabilities for both staff and students. This information has assisted in designing appropriate policies, strategies and services for our esteemed customers.

The Directorate also uses a braille transcriber to facilitate transcription services – amongst other services – for students with visual impairment. We have a van and a tuk-tuk for transport services for all staff and students living with disabilities.

In addition, we have acquired a compliance certificate from the National Council for Persons with Disabilities, having complied with the requirements of disability mainstreaming as per the 12th Cycle Performance Contracting Guidelines.

We wish our graduands a happy and productive future and look forward to collaborating with you in order to make Egerton a world class university for the advancement of humanity. We commend you to God for blessings in your future aspirations.

Message from the Principal



Prof. Lenah Nakhone-Wati

Among the most notable achievements of the Nakuru Town Campus College during the 2016-2017 academic year is the automation of our library services through the installation of an information management programme – the Amlib Library Management System – on which our library staff were aptly trained. The system is aimed at ensuring enhanced quality services. Through it our users will have the ability to view what is available in all Egerton University libraries electronically. They will also be able to borrow information resources from any of our sister libraries. Book reservations will also be easier to make. Users will only be required to produce their college identification cards to be served at the library. In addition, overdue reminders will be communicated through email.

In addition, NTCC has expanded and upgraded the internet infrastructure from 30mbps to 80mbps in three of our centres: the Faculty of Law, the Faculty of Health Sciences and the EU Administration block. This will ensure access to a faster, reliable and secure internet for the advancement of knowledge through the integration of

technology in teaching, research, learning and overall administration of the University. We have also automated our help desk system and are currently working on automating the University Staff appraisal system.

The Egerton radio has recorded very good results within this period. Three of our Communication and Media students who have been active on the radio as Presenters are taking part in a national investigative journalism competition in which they are doing very well. The programme is currently airing on KBC on Sundays at 8:30 pm. While I invite you to be cheering them, silently, by watching the programme, let us hope that they will win the final prize, which includes a trip to the BBC's main offices in London and a donation of media equipment to the University. Besides this, studio staff and students also visited Hope Centre, a children's home on the outskirts of Nakuru town, as part of our corporate social responsibility.

Finally, in the course of the same period, NTCC trained a new batch of 25 peer counsellors, who will be working under the office of the Dean

of Students to help their fellow students with welfare concerns. We also held a successful Culture Week event during which our students showcased their talents as we celebrated our diverse cultures as a Kenyan people. Our administrative staff took part in friendly games that were aimed at improving synergies among inter-university staff. The games were held at Kibabii University in Bungoma.

Our gratitude to the University Management Board (UMB) that has continuously made it possible for the NTCC to make developmental strides. I also wish to thank my colleagues and students at the College who have always supported the implementation of the decisions by the UMB.

Let me now congratulate the graduands who have brought us together in this 36th Graduation Ceremony of this great institution that we all love, Egerton University. As you leave the University may you always be positively guided and find satisfaction in all that you will do in your life.



Egerton University graduands during the 35th Graduation Ceremony

Message from the Director



Prof. Fugich Wako

Gender and Development Studies, Education (Arts), and Economics and Statistics programmes. Through hard work and sheer determination you completed your studies and made it to this auspicious day.

I also sincerely thank staff for their commitment to teaching and learning in the Campus throughout the year without much break. We are not taking it for granted that you have given your all to the success of the Campus's academic programmes.

To the graduands, the University has contributed to your career development and afforded you the opportunity to compete for positions in your field of study with your peers. Make use of them; go forth for the sky is the limit.

Some of your colleagues already enjoy lucrative career progression thanks to Egerton University's competitive degree programmes.

Be our goodwill ambassadors and encourage your friends to enroll in the following programmes from the Campus:

Diploma in: Procurement; Gender and Development Studies. Bachelors degree in: Commerce; Criminology and Security Studies; Gender, Women and Development; Education (Arts); Economics and Statistics; International Relations and History. Masters degree in: Business Management (MBA); Security Management; Sociology; Criminology; Gender, Women and Development.

In the build-up to the World Environment Day, Egerton University staff and students, together with local schools, participated in an environmental clean-up and tree planting event at Mwisho wa Lami Centre, Mau Narok, on 26 May 2017



Egerton University Receives a New University Council and a New Deputy Vice-Chancellor

In the course of the year, the Cabinet Secretary, Ministry of Education, Science and Technology appointed a new University Council as well as a new Deputy Vice-Chancellor (Administration, Planning and Development). The Council is responsible for policy formulation, resource mobilisation, appointment of staff, and approval of the Statutes of the University, among other responsibilities. The DVC (APD) assists the Vice-Chancellor in the day-to-day running of the administration, planning and development functions of the University, including those relating to the Strategic Plan of the University, university infrastructure, and human capital.

The Council consists of a Chairman and six members. The Chairman of Council is Dr. Ben Chumo. The members are Mr. Mugambi J. Nyaga, Dr. Charity C. Nyaga, Ms. Esther M. Wabuge, Mr. Joshua N. Otieno, Ms. Alasa O. Hirsi, and Mr. John N. Ondari. Mr. Nyaga is the Representative of the Principal Secretary, State Department of University Education, Ministry of Education, Science and Technology. Ms. Hirsi also served in the previous Council.

Dr. Ben Chumo is the immediate former Managing Director and Chief Executive Officer of Kenya Power. He joined the company in 1986 and, over the years, served in various capacities, including Chief Manager in charge of Human Resources and Administration. As the CEO of the company, he greatly expanded the electrification of informal settlements throughout the country. He has been an adjunct faculty in Human Resource Management at the Jomo Kenyatta University of Agriculture and Technology (JKUAT) and the University

of Nairobi (UoN).

Dr. Chumo graduated from UoN with a Bachelor of Arts degree in 1984. He received his Master of Business Administration degree from UoN in 2006 and his Ph.D. degree in Human Resource Management from JKUAT in 2013. He was awarded a Doctor of Philosophy (Honoris Causa) in Business degree by Laikipia University in 2016.

Among other honours, he is a recipient of the Order of the Grand Warrior (OGW) of Kenya.

The new DVC (APD) is Prof. Isaac O. Kibwage. Prior to joining Egerton, Prof. Kibwage, who is a Professor of Pharmaceutical Chemistry, served as the Principal of the College of Health Sciences, University of Nairobi. He has taught in the Department of Pharmacy, UoN, since 1986. He has been Chairman of Department and Dean of Faculty of the School of Pharmacy at UoN.

Prof. Kibwage has authored or co-authored over 70 publications in the area. He is a Fellow of the Pharmaceutical Society of Kenya, a Chartered Scientist and Chemist, a Member of the Royal Society of Chemistry (UK), a Member of the New York Academy of Sciences, and a Member of the American Association for the Advancement of the Sciences.

Prof. Kibwage received his Bachelor of Pharmacy degree from UoN in 1979, his Master of Pharmaceutical Sciences degree from Katholieke Universiteit Leuven, Belgium, in 1982, and his Ph.D. degree in Pharmaceutical Sciences from the same university in 1985.

The University Council



Dr. Ben Chumo
Chairman of Council



Mr. Mugambi J. Nyaga



Dr. Charity C. Nyaga



Ms. Esther M. Wabuge



Mr. Joshua M. Otieno



Mrs. Alasa O. Hirsi



Mr. John N. Ondari

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