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Celebrating Excellence: VC BUK, Murshid of National Mosque, Professor Galadanci, 33 Others Receive Honours 🗕 By Lamara Garba & Ibrahim Ado Sale 🗕

ano State Government has honoured the Vice Chancellor of Bayero University Kano, Professor Sagir Adamu Abbas, and the Murshid of National Mosque, Professor Shehu Ahmad Sa'id Galadanci, as well as Professor Umma Abdullahi and other distinguished personalities for their outstanding contributions to the growth and development of the state and country.

The event, which took place on Saturday, 1st February 2025, at the Government House, was a demonstration of the state government's commitment to recognizing and rewarding excellence.

The honourees included career civil servants, diplomats, security personnel, academics, industrialists, businessmen and women and individuals from diverse human endeavours.

Among the distinguished honorees was the Vice Chancellor of Bayero University Kano (BUK), Professor Abbas, who was celebrated for his visionary leadership

and commitment to academic excellence.

Under his stewardship, Bayero University, Kano has achieved remarkable milestones, including its recognition as the second-best university in Northern Nigeria and the top university in Nigeria for international outlook. This accolade underscores his dedication to enhancing the institution's global reputation and fostering academic excellence.

A total of 35 distinguished individuals were honored during the ceremony, including four eminent scholars from Bayero University Kano. Among them was Professor Emeritus Shehu Ahmad Said Galadanci (CON), a towering figure in academia and public service. Renowned for his lifelong dedication to education, Professor Galadanci has held prominent positions, including serving as the Provost of Abdullahi Bayero College and as the first Vice Chancellor of Usman Danfodio University, Sokoto.

His contributions to education and societal development

have left an indelible mark on Kano State and Nigeria as a whole.

Another esteemed award recipient was Professor Hadiza Galadanci, a distinguished expert in Obstetrics and Gynaecology. She currently serves as the Director of the African Centre of Excellence for Population Health and Policy (ACEPHAP). Her groundbreaking work in modern obstetric practices, particularly her leadership in the E-Motive project, has garnered international recognition. The World Health Organization (WHO) has endorsed and adopted this project as a model for improving maternal healthcare services globally, further solidifying her impact on maternal health research and practice.

Also honored from Bayero University Kano at the event was Professor Umma Abdullahi from the Faculty of Engineering. As the first female Professor of Mechanical Engineering in Northern Nigeria, she has broken barriers and inspired a new generation of female engineers. Her outstanding contributions to research, mentorship and the engineering profession have significantly advanced the field, making her a role model for aspiring women engineers across the region.

The awards ceremony is a recognition to the invaluable role that scholars, academics and public servants play in shaping the future of education and societal progress.

The Kano State Government's recognition of these

individuals no doubt is an indication to their hard work, dedication and commitment to excellence and community service. The awards ceremony was attended by dignitaries from across the state, including government officials, traditional leaders and representatives from various sectors.

In his remarks, the Governor of Kano State Alhaji Abba Kabir Yusuf emphasized the importance of recognizing and rewarding excellence, noting that it serve as a motivation for others to strive for greatness.

The Governor disclosed that the honorees had made profound contributions to education and societal progress. "These awards are dedicated to those who have positively influenced our society through their dedicated service and remarkable achievements. Their commitment to excellence has significantly shaped the academic and socio-economic fabric of Kano State and beyond," he remarked.

While congratulating the honourees on their well-deserved recognition, he urged them to continue making significant contributions to the state and country.

"The event was a celebration of excellence, dedication, and service to humanity. It served as a reminder that hard work, perseverance, and commitment to excellence can lead to recognition and rewards," said the Governor.

Kevolutionizing Nutrition: How Enhanced Animal Foods Can Drive Sustainable **Development – Prof. Fagge's Inaugural Lecture**

By Suleiman Salihu

Bashir Muhammad Fagge, an erudite scholar and Professor of Animal Science, has revealed that animalderived foods-primarily milk, meat, and eggs-when processed into various usable products, can significantly enhance the digestibility and bioavailability of nutrients



necessary for healthy human growth and development.

Presenting the 52nd Professorial Inaugural Lecture on Thursday, January 30, 2025, at the CBN Centre of Excellence, New Campus, titled "An Odyssey into Animal Foods: Fortifications and Modifications for Health and Sustainable National Development," the University don traced the long history of animal domestication for food, clothing, medicine, and labor—a history that spans as long as humankind itself.

Prof. Fagge noted that over time, the domestication process evolved into breeding animals specifically for human consumption, primarily including sheep, goats, cattle, horses, and various poultry species. He argued that livestock, as an agricultural product, contributes to the production of protein-rich foods such as milk, meat, and eggs. He further explained that the recommended protein intake for humans is 0.8 grams per kilogram of body weight; insufficient protein intake can lead to various health issues.

Highlighting the chronic malnutrition situation in Nigeria, the erudite scholar stressed that the provision of nutrientrich diets is crucial to alleviating this challenge. He emphasized that advancements in food processing technologies are essential for developing products that are rich in vital nutrients needed for good health and sustainable growth.

In the lecture, he analyzed livestock products through the lens of general chemistry and protein properties using techniques such as hydrolysis, the biuret reagent color reaction, hydration, electrochemistry, electrometric

titration, and denaturation. He recommended that food Leghorn egg (averaging 55g) as an example, noting that it chemists and nutritionists work together to modify animalbased foods, aiming to produce healthier fatty acid profiles, reduce cholesterol levels, and balance vitamin and mineral contents for improved human health.

He also urged food processing firms and industries to incorporate natural nutrient sources—such as moringa, soy protein, and cinnamon oil-into meat, milk, and egg-based products to further enhance and balance the bioavailable nutrients in these foods.

Prof. Fagge provided an in-depth discussion of various animal product processing techniques. He defined food processing as any change made to food—whether at home or on an industrial scale—to achieve specific objectives such as improved nutritional value, enhanced safety, extended shelf life, better palatability, increased wholesomeness, reduced cost, ease of handling, and preservation. He defined "meat" as the parts of an animal deemed safe and suitable for human consumption, essentially the edible portions of domestic livestock. Traditional meat processing methods, such as heat treatment, fermentation, smoking, drying, pickling, and curing, were discussed alongside modern techniques like pasteurization, ultra-heating, high-pressure processing, and modified atmosphere packaging.

As a way to ensuring availability of the products, he called on stakeholders, particularly the Standards Organization of Nigeria and other federal agencies, to expedite the standardization and regulation of indigenous meat products-such as Tsire, Balangu Kilishi, and Dambunnama-to ensure they meet requirements for nutrient content, safety, and hygiene.

In addition to meat, he also explained the processing of milk products-including ice cream, yoghurt, cheese, ghee, and butteroil—and the production of egg products. such as frozen eggs and spray-dried whole eggs. Explaining that an egg comprises approximately 10% shell, 58% egg white, and 32% yolk, he cited the white sustainable national development.

is composed mainly of moisture (74%), proteins (12.8%), lipids (11.8%), with small amounts of carbohydrates and minerals.

Furthermore, Prof. Fagge discussed the importance of fortification in food processing as a strategy to alleviate nutrient deficiencies. He provided the example of milk fortification, where iron (added as ferrous sulfate at 5 to 12 mg per litre) has its absorption significantly enhanced by the concurrent addition of 100-200 mg of vitamin C per litre. According to him, the widespread consumption of iron and vitamin C-fortified milk has contributed to the low prevalence of anemia over the past 30 years. Similarly, iodine-fortified dairy products have helped regulate goiter, and the fortification of butterfat and butteroil with fatsoluble vitamin D has been instrumental in curing rickets.

He also addressed the modification of fatty acids in meat, noting that ruminant fats tend to be more saturated than those of non-ruminants. To mitigate potential health risks associated with consuming overly saturated fats, he explained that increasing the degree of unsaturation in animal fats can result in a healthier fatty acid composition.

Earlier in his speech, the Vice-Chancellor, Professor Sagir Adamu Abbas represented by Seputy Vice Chancellor Research and Development who chaired the occasion remarked that the Professorial Inaugural Lecture is a cherished tradition within the university system. He noted that this forum allows newly appointed professors to share their specialized knowledge and insights, which in turn mobilizes society toward the practical application of their academic achievements.

Prof. Abbas praised the choice of topic, describing the study of food as a complex field that intersects with various disciplines, including agriculture, politics, and even strategic studies. He expressed hope that the lecture would offer new insights into the role of food in achieving

Antimicrobial Resistance at BUK Students Lead the Fight Against Bv Nura Garba

University, Kano (BUK) organized a compelling orientation program on Thursday, titled "Rise to the Challenge: Combating Antimicrobial Resistance." The event aimed to educate students and the wider community about the escalating dangers of antimicrobial resistance (AMR), a pressing global health concern.

A captivating drama performance served as the program's highlight, vividly illustrating the devastating consequences of AMR and reinforcing the critical need for responsible antibiotic use. The performance deeply resonated with the audience, effectively conveying the message that antibiotic misuse and overuse can have dire consequences for both individual and public health.

Delivering the keynote address, Yusuf Kanti, the Coordinator of the ADMAP program at BUK, emphasized

The Antimicrobial Resistance (AMR) Club at Bayero the direct link between drug miuse and the rise of AMR. He urged attendees to exercise caution when using antibiotics, stressing that they should only be taken when prescribed by a qualified healthcare professional.

> Echoing this sentiment, Yahaya Lawan Muhammad Riminkebe, the President of the AMR Club BUK, reiterated the club's commitment to raising awareness and advocating for responsible antibiotic practices. He highlighted the club's ongoing efforts to educate the university community and promote a culture of responsible antibiotic use.

> The orientation program attracted a diverse audience, including students, faculty members, and guests from various faculties, all demonstrating a shared commitment to addressing this urgent health issue. The event successfully provided a platform for raising awareness and inspiring collective action in the fight against AMR.

Osun Students Champion Health Awareness Through Innovative Progra By Ibrahim Ado Saleh

The National Association of Osun State Students Babalola Mubarak Ololade, the President of the NAOSS (NAOSS), Bayero University, Kano (BUK) Chapter, organized a health awareness program on Sunday, January 26, 2025. The event aimed to promote health education among students and equip them with essential knowledge and resources for a healthier lifestyle. The program featured insightful presentations, health screenings and the distribution of vital health materials, including mosquito nets and free genotype testing.

The guest speaker, Dr. Anas Shanono Alhaji Idris, a gynecologist, a member of the West African College of Surgeons and the President of the National Association of Government General Medical and Dental Practitioners, delivered an enlightening lecture on genotype testing. He emphasized its critical role in fostering a healthier society.

"Genotype testing is a medical procedure that determines an individual's genetic makeup, providing crucial information about compatibility for offspring," Dr. Anas explained. He highlighted advancements in medical technology that now enabled the determination of a baby's genotype before birth. "Understanding one's genotype allows for informed life decisions, ultimately reducing genetic-related health risks for future generations."

In his remarks, Ambassador Dr. Tijjani Kazeem expressed appreciation to the guest speaker for addressing such an important topic. He emphasized the necessity of genotype testing and encouraged the association to organize a follow-up session, even virtually, to reach a wider audience. Reflecting on Dr. Anas's journey, he stated that, "It fills me with pride to see my former students making significant contributions to society. Dr. Anas is one of the four students I taught who are now excelling in the medical field."

BUK Chapter and a 400-Level Library and Information Science student, underscored the significance of the initiative. "This program is part of our commitment to empowering students with knowledge and practical tools



for healthier living. By offering free genotype testing and distributing mosquito nets, we aim to address critical health challenges and improve access to essential healthcare resources," he said.

The health awareness program provided attendees with valuable insights and practical steps for improving their well-being. This initiative reflects the association's dedication to tackling health challenges while fostering a well-informed and healthier student community at Bayero University, Kano.

Organizes 2-Day Sen orkshop on Institutional Safety By Suleiman Salihu



two-day sensitization workshop on institutional safety, aimed at strengthening the capacity of selected staff across faculties and centres.

The Directorate of Research, Innovation and Partnership In his welcome address, the Director of DRIP, Prof. Ibrahim (DRIP), at Bayero University, Kano, (BUK) has organized a Ahmad Rufa'i, highlighted that the Institutional Safety Committee was established in the University in response to the National Policy on Security, Safety and Violence-Free Schools, introduced by the federal government in 2021.

> He noted that beyond forming the institutional Safety Committee, BUK had gone further by establishing the Centre for Occupational and Environmental Health Research and Training (COHERAT), making it a pioneer in institutional safety and health research.

> The workshop was designed to equip staff with the necessary skills to enhance institutional safety and develop security and safety frameworks within their respective units.

> In his goodwill message, the Director of COHERAT, Prof. Muhammad L. Umar who was represented by the Dr. Abdullahi Balarabe Inuwa, emphasized that institutional safety was a shared responsibility and fundamental to ensuring the well-being of every individuals on campus.

> He commended the Institutional Safety Committee for its dedication to fostering a culture of security and safety within the university community and wished participants an insightful workshop.

The Deputy Director, Research and Publication, Dr. M. M. Maina, highlighted on the ground rules of the workshop to participants before the commencement of the technical Session.

Prof. Usman Aliyu Dutsinma from faculty of life sciences who was also the Chairman of Institutional Safety committee, presented a paper on "Health, Safety and Environment (HSE)," stated that the concept was multidisciplinary area that focuses on promoting health, ensuring safety and protecting environment.

He advanced reason as the practices of HSE was to prevent illnesses, injuries, accidents and environmental harm while fostering sustainable development.

He went further to discuss on components, principles, and 5 key concepts in HSE including; risk assessment and management, hierarchy of controls, occupational health, environmental management and emergency preparedness, among others.

"Occupational Health and Safety (OHS)," presented by Dr. Surajo Musa Inuwa of the Department of Community Medicine, on behalf of the Director COHERAT, described health as a state of complete physical, mental and social well-being. He further explained health dimensions and relating health and safety, its beginning and its importance in Nigerian context. He went further to differentiate between hazards and risk and ways of mitigating risk to participants.

In his paper presentation on "Environmental protection and Sustainability," Dr. Ahmed Fate Ali, from the Department of Environmental Management, defined environment as everything around us, living or non-living with the exception of human being. He took participants through the concept of the topic, major global environmental issues, sustainability and factors affecting it, supporting his assertions with concrete examples and visible illustrations.

Dr. Al-Mukhtar Yahuza Adamu, from Department of Medical Microbiology, delivered his presentation on "Integrated Safety Management Systems," he defined safety management system as a standard approach to safety risk management that systematically identifies, assesses and control risks. He further took participants on the established varying International Organization Standard (ISO), guiding principles, core values, benefits and challenges of the system with case studies, among others.

The workshop featured case study discussions, plenary on Emergency Preparedness Response, Scenario-Based Simulation and syndicate sessions on Chemical safety, Radiological & Nuclear safety and Biosafety groups, facilitated by Dr. Mansur Bala Ibrahim, Prof. Rabi'a Salihu Sa'id, Prof. Usman Aliyu Dutsinma and Pro. A. A. Audu, among others.

Newly Introduced Postgraduate Programmes in Bayero University, Kano

The College of Postgraduate Studies wishes to inform the two Programmes and their Curricula Revised university community and the general public, that the (i). M.Sc (Hydrogeology) university has introduced new programmes as well as change (ii). M.Sc (Environmental Geology) of nomenclature of some programmes.

The programmes commence from 2024/2025 session. Interested applicants can access the programmes in the university portal (<u>http://mybuk2.buk.edu.ng</u>).

A. Newly introduced programmes

- 1. Department of Information & Media Studies:
- a. Postgraduate Diploma in Information & Media Studies
- b. M.Sc Information & Media Studies
- c. Doctor of Philosophy (PhD) Information & Media Studies
- 2. Department of Adult Education & Community Services:
- a. Masters in Community Development and Environmental Sustainability
- b. Masters in Community Development and NGO Administration
- 3. Department of Mathematical Sciences:
- a. Postgraduate Diploma in Statistics
- b. M.Sc Statistics
- c. Doctor of Philosophy (PhD) Statistics
- 4. Department of Surgery:
- a. M.Sc Global Surgery and Policy
- b. Doctor of Philosophy (PhD) Surgical Sciences
- 5. Department of Community Medicine:
- a. M.Sc Health Research Ethics
- 6. Department of Estate Management:
- a. Professional Masters in Assets and Facilities Management
- 7. Department of Geology:
- a. Masters Degree in Geo Energy
- 8. Department of Geology:
- a. M.Sc Hydrology and Environmental Geology Splitted into

- 9. Department of Theatre and Performing Arts:

a. M.A. Theatre and Performing Arts

10. Department of Civil Engineering:

a. Doctor of Philosophy (PhD) Civil Engineering (Construction Management Option)

- 11. Department of Software Engineering:
- a. M.Sc Software Engineering
- b. Doctor of Philosophy (PhD) Software Engineering
- 12. Department of Geography:
- a. M.Sc Geography and Climate Change

b. Doctor of Philosophy (PhD) Geography and Climate Change

c. Doctor of Philosophy (PhD) Sustainable Natural **Resources Management**

- **B.** Change of nomenclature of programmes
- 1. Department of Finance:
- a. M.Sc Banking & Finance Changed to M.Sc Finance
- b. PhD Banking & Finance Changed to PhD Finance

c. Masters in Banking & Finance Changed to Masters in Finance

d. Postgraduate Diploma (PGD) Banking & Finance Changed to PGD Finance

As earlier mentioned all the newly introduced programmes are in the university portal for interested candidates to apply.

Garba Abdullahi Barume, PhD

Secretary, College of Postgraduate Studies





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DEPARTMENT OF GEOGRAPHY: PhD SEMINAR

Department of Geography: PhD Seminar

1st**PRESENTER:** Halima Liman TOPIC: Women's Access to and Utilization of Land in Daura Emirate District, Katsina State Nigeria: Trends and Implications within the Emerging Land Economy

CHAIRMAN: Prof. Nuratu Muhammad

2ND **PRESENTER:** Abdulmajid Abubakar

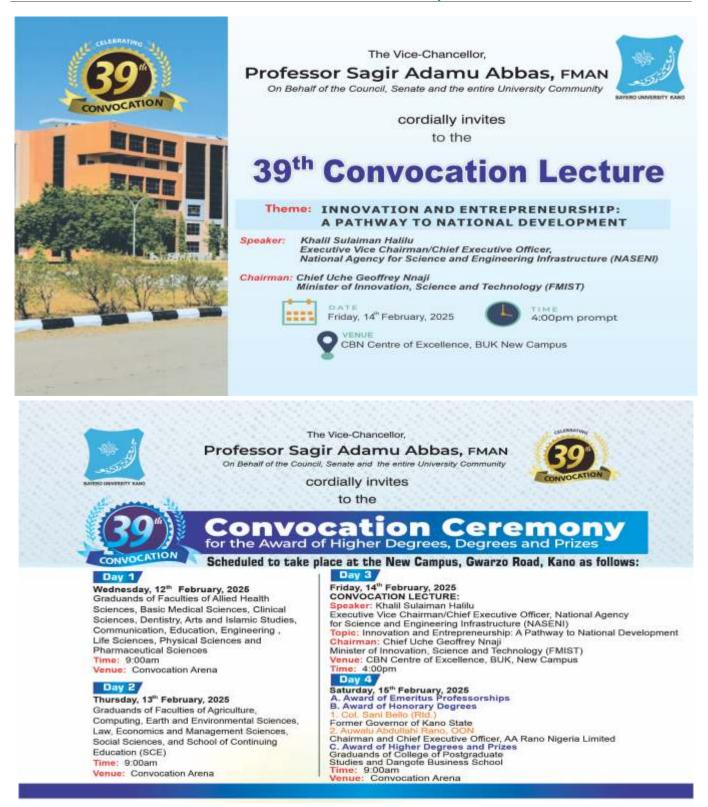
TOPIC: Climate Change and Human Activities on Productivity and Dynamics of Pastoral Resources in Dryland: A Review CHAIRMAN: Prof. Maharazu A. Yusuf

3RD **PRESENTER:** Muhammad Lawal Abubakar **TOPIC:** Impacts of Climate Variability and Long-Term Habitat Fragmentation on Habitat Quality in Niger River Basin, Nigeria CHAIRMAN: Prof. Salisu Mohammed **DATE:** Thursday 13th February, 2025

Time: 10.00 am prompt

Venue: NRM Class, Geography Department

NOTE: Attending seminars is compulsory to all PGDLA, PGDSE, MSc I, MSc II, PhD I and PhD II students



APPRECIATION FROM PROF. ABDULHAMEED UMAR YUSUF ON THE DEMISE OF HIS WIFE

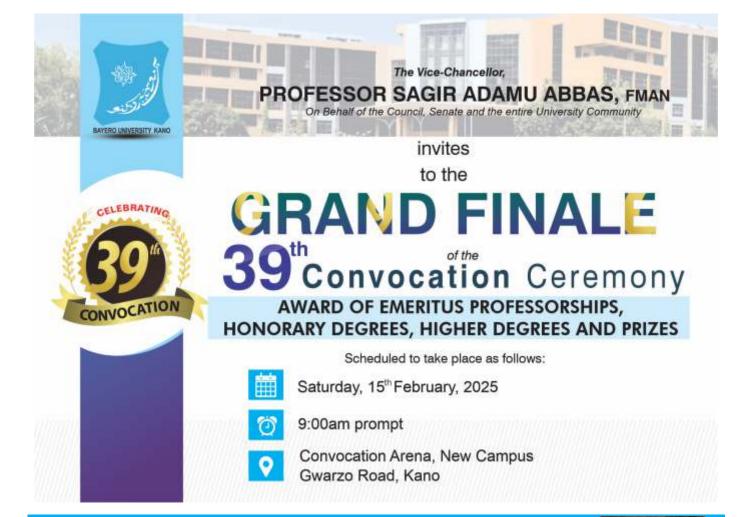
University Community for the outpouring of condolences, visits, and prayers following the passing of my second wife, Amira Haruna Yusuf, on Friday, 24th January 2025.

My special gratitude goes to the Vice-Chancellor, Professor Sagir Adamu Abbas, FMAS, as well as all Principal Officers, Former Vice-Chancellors (Professors Abubakar Adamu Rasheed and Muhammed Yahuza

Vol. XLIV No. 09 - Bulletin Friday, 7th February, 2025

I write to express my heartfelt appreciation to the entire Bello), Provosts, Deans, Directors, Heads of Departments, and other Unit Heads.

> I also sincerely thank the leadership and members of ASUU, SSANU, NASU, and NAAT for their support during this difficult time. May Allah (SWT) bless you all abundantly and grant mercy and forgiveness to our departed loved ones.



WORDSCAPE

With Yusuf M. Adamu, PhD, MNAL, FANA, FANG

BLAMING THE VICTIM

The protests have come and gone The public is conducting a postmortem Those who can shout hard are being heard Those who are so confused are devastated While some see it with regional lens Some, assume it was a northern affair Even accusing the north of illiteracy Others see it as politically motivated In the north, those who cautioned Are glad the protests ended in looting Using the violence as a voice to say 'We told you' 'You did rather be patient and it would be ok''

The elite and those that justify oppression are shouting 'Protests don't change anything anywhere' You can see how it brought about destruction and mayhem These wild youths should be held responsible and punished Yes, forget about the root cause of the anger expressed Changed the narratives and blame the victims of oppression Changed the story and scare the citizens about the right to protest

But We will continue to go to the same market We will suffer under the same scorching sun One day, the dam will be saturated and When it brakes and all will be submerged.

SOLACE

Even when the sun still raises From the east and sets in the west Things have changes drastically We are living like strangers In the same world we grew up in Sometimes we need to outflow Escaping to the past for consolation Music and songs that made our day Memorable events that refused to go Childhood stupidities we still cherish Friends who remember our youth Those old good days that light our lives Keeps us happy and protect us from The whimsies of these trying times!

DEAFENING SILENCE

There they are lying in silence except for the sounds of wind The clapping of leaves and grasses The honk of cars and trucks passing The deafening silence is telling Among them are all kinds of stories The rich and the poor lying in silence The child, the young and the old age

It is the city of the dead. It is cemetery!

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