



41st Professorial Inaugural Lecture:

New Research Discovers the Efficacy of *Moringa Oleifera* (Zogale) in Waste Water Treatment

By Adamu Garba

An erudite Professor of Water Resources and Environmental Engineering from the Department of Civil Engineering, Faculty of Engineering, Bayero University, Kano, Engr. Professor Mustapha Hassan Bichi, FNSE, JP, has identified the interventions of 'raw' *Moringa* in the life of man and the applications of its seeds in water and waste water treatment.

“*Moringa* helps in sustainable, appropriate, effective enhancement of waste water treatment process as well as in decreased reliance on importation of treatment chemicals”, he revealed.

This was contained in the 41st Professorial Inaugural Lecture delivered on Thursday, 20th June, 2019 at Mahmud Tukur Theatre, titled: *Man, Environment and Water – The Moringa Oleifera (Zogale) Intervention*.

Professor Bichi revealed that a practical application of *moringa* in water treatment had been tested and was

from Challawa industrial estate in Kano in 2016.

According to him, his research further discovered that *Moringa oleifera* (Zogale) had enormous nutritional benefits to man. He identified that it was 7 times richer in vitamin C than oranges, 4 times richer in vitamin A than carrots, 4 times richer in calcium than milk, 3 times richer in potassium than bananas and 2 times richer in protein than yogurt.

He added that the medicinal use of *moringa oleifera* include curing antimicrobial/biocidal, circulatory/endocrine disorders, reproductive, skin disorders, detoxification, digestive disorders, inflammation, immunity and nervous system disorders.

The Vice Chancellor, Professor Muhammad Yahuza, in his remarks, said even though many people ordinarily knew the importance of *moringa* in human health, relating it to the environment and water was



Prof. Mustapha Hassan Bichi presenting his Inaugural Lecture

currently in use in many countries, including Malawi, Egypt, Sudan and Malaysia.

The University don further noted that the use of *moringa oleifera* ensured the reduction of pollution load, so that the effluent could be sent back to the natural water course with minimum harm to aquatic life and the environment.

Professor Bichi said researchers found that *moringa* provided 87% - 99% removal of heavy metals – Cd, Cr, Cu, Co, Mn and Zn from tannery wastewater discharged

unprecedented and therefore deserved commendation.

Professor Yahuza, who commended on the increase in the number of professorial inaugural lectures delivered, said the number of lectures presented after 2015 was far beyond those presented before then. He charged professors in different disciplines to see the inaugural lecture as a debt owed the university system, adding that it was on occasions like that the public knew what fabric professors were made of in terms of research, teaching and service to humanity. He commended the inaugural lecturer for a job well-done.

Centre for Gender Studies Sensitizes on Human Resources for Health (HRH)

By Fausat Opayomi

The Centre for Gender Studies in Collaboration with Women for Health organized a one-day sensitization programme on Human Resources for Health Learning Hub on Wednesday 19 June, 2019 at its Conference Room.

The Vice Chancellor, Professor M.Y. Bello, who was represented by the Director Academic Planning, Professor Bala Sidi Aliyu, commended the Centre for its initiatives, which according to him has recorded tremendous success since inception. He reiterated that health was wealth and that there was the need to use education to change the challenges being faced in the health sector.

The Vice Chancellor urged participants to take advantage of the exercise to learn what was being taught so as to impact positively on the society at large.

The National Program Manager of the Human Resources for Health, Dr. Amina M. Lawan, gave a background of the learning hub, which she said had been in existence since 2012 with 5 states, participating. They were Kano, Zamfara, Jigawa, Borno and Yobe and the main aim of the program was to increase the number of female health workers, such as Doctors, Nurses, Midwives and Community Health officers in the Northern Region.

She said it was easy to build hospitals and health centers but the human capital resources were nonexistent and there was the need to bridge the gap in the North by producing more health practitioners.

She also said three Universities were contacted for the integration of the Learning Hub into the University system; and Bayero University's response to the initiative showed it shared the same vision with the HRH learning hub in terms of making a difference in the community. The programme Manager commended the University Management and the Department of Nursing Sciences for their support, which, according to her, would go a long way in making a lot of difference.

The Deputy Director of Centre for Gender Studies, Dr. Maikano Madaki, in his presentation, said high mortality in Northern Nigeria had been linked to acute shortage of female health workers, especially in the rural areas and, as a result, the Women for Health program was introduced in 2012 to address these challenges, among others. He said the learning hub was established at the Centre for Gender Studies as a one-stop platform for learning by providing access as evidence and technical advice to support the production, recruitment and retention of health workers.

Professor Bashir Ali Elected President of Nigerian Mathematical Society

By Lamara Garba

Professor Bashir Ali of the Department of Mathematical Sciences, Bayero University, was unanimously elected as the President of the Nigerian Mathematical Society (NMS).

He was the first person from the northern part of the country to be elected in that capacity since the inception of the Society over three decades ago.

In a congratulatory message signed by the Head, Department of Mathematical Sciences, Dr Abbas Ja'afaru Badakaya, said Professor Ali was unanimously elected during the NMS Annual General Meeting (AGM), which took place at the University of Nigeria, Nsukka (UNN) on 21st June, 2019.

“On behalf of the staff and students of the Department of Mathematical Sciences, I congratulate Professor Bashir Ali for his election as the President of the Nigerian Mathematical Society (NMS),” said the statement.

According to him, his election is well deserved as it attest to his commitment to the promotion of Mathematics as a subject and the NMS as a group.”The election is well deserved and we are proud of you,” he said.



Professor Bashir Ali

Professor Yahuza Bello Now Fellow PIN

By Sabitu Jinjiri

The Vice Chancellor of Bayero University, Professor Muhammad Yahuza Bello, was conferred with a fellowship of the Polymer Institute of Nigeria (PIN). The event which took place on Thursday, 20th June, 2019, has been in recognition of the VC's outstanding

made to help advance the institute had been from Bayero University.

Professor Mamza also said that Bayero University was one of the few universities which had registered with his institute and had been regularly paying its dues.



The new fellow of PIN, Prof. M. Y. Bello (middle) being flanked by members of the Institute and Principal Officers of BUK

Reading a citation of Professor Yahuza Bello before the investiture, Professor Sani Muhammad Bello described the new awardee as “a man of honour and integrity” as well as “a role model”. Professor Bello equally described him as “an icon and epitome of administration” and “as a robust mathematician and a computer technocrat”.

In his acceptance speech, the Vice Chancellor remarked, “I consider this conferment not only as an honour to me, but also as an honour to Bayero University”. He also said, “the University is proud to be associated with the institute”.

leadership status qualities and concern for the institute's well-being and progress.

Speaking at the investiture, the National President of the Polymer Institute, Professor Paul A.P. Mamza, said Professor Bello had been one of the fundamental pillars to the institute and that the best contribution so far

The Vice Chancellor offered to ensure that the image of the institute is well portrayed and called on to other universities to register with the institute for the good of the nation.

BUK ANTHEM

*It's my choice
It's my choice
Bayero University
In the ancient city of Kano*

*The great citadel of learning
The noble crest of knowledge
The star of virtue and wisdom
The blue fountain of all seasons
Where leading minds come to drink
Bayero University*

*For above every possessor of knowledge
There is one more knowledgeable
To the lord, we turn in prayers
Fulfill our vision and mission
Bless and make us great
Bayero University
In the ancient city of Kano*



BAYERO UNIVERSITY, KANO

World Sickle Cell and Blood Donor Day:

BUK Staff, Students Donate Blood

By Lamara Garba

About one hundred people mostly staff and students of Bayero University, Kano and Aminu Kano Teaching Hospital (AKTH), have voluntarily donated their blood as part of activities to commemorate the 2019 World Sickle Cell and Blood Donor Day.

The occasion which was jointly organized by the Bayero University, Kano (BUK) and Aminu Kano Teaching Hospital (AKTH) took place at the Convocation Arena at the New Campus, on Saturday, 22nd June, 2019 and was aimed at creating awareness and sensitization of the importance of blood donation.

The United Nations had declared 14th and 19th June



Some of the participants in a group photograph

every year as International Sickle Cell and Blood Donor Days respectively.

Presenting a keynote address, Professor Aisha Kuliya-Gwarzo, said the day was set aside by the global health body to declare its commitment and support towards voluntary blood donation among the citizens.

The occasion was conducted under the chairmanship of the former Chief Medical Director of AKTH, Professor Abdulhamid Isah Dutse with the theme **Safe Blood for All** while Rwanda was chosen by the WHO to serve as a host country for the 2019 Global Celebration.

Professor Aisha Kuliya who expressed delight at the large turnout of staff and students for the celebration, said this had further confirmed the commitment of the Bayero University Community on saving the lives of the citizenry.

Her Paper titled **Blood Donors-Safe Blood Saves Lives** said the occasion was aimed to principally thank voluntary and unpaid donors for their life saving gifts of blood as well as to encourage others to imbibe the culture of voluntary blood donation.

She also said it intended to raise awareness to ensure all individuals and communities have access to affordable, timely supplies of safe and quality assured blood and blood products.

Presenting a paper titled **Sickling disorders: A Concise Overview**, Professor Sagir Ahmed emphasized the need to raise awareness about SCD and to encourage the people especially the young ones on the need to do a genotype screening. He said discovering ones genotype is the fundamental aspect of addressing the SCD.

In his remarks, the Chief Medical Director of Aminu Kano Teaching Hospital (AKTH), Professor Aminu Zakari Muhammad reaffirmed the commitment of the management of the hospital towards effective service delivery as part of their professional callings as a care giver.

Other speakers who spoke at the occasion include Dr. Umma A. Ibrahim who said that AKTH had been organizing this public sensitization for the 17th time and this year decided to expand it with a view to collaborating with the University so as to widen the coverage and awareness.

While giving a vote of thanks, Dr. A'isha Amal Galadanci expressed gratitude to the management of BUK and AKTH for their understanding and commitment towards ensuring a healthy society. She revealed that team of medical personnel from the AKTH offered free medical checkups to about 200 participants during the celebration.

Highlight of the celebration was the presentation of awards to some individuals and corporate organisations who excelled in voluntary blood donations.



Participants in a group photograph

Second Batch of IIBF Short Courses Graduated

By Rabi'u M. Sagir

The International Institute for Islamic Banking and Finance (IIBF) graduated the second batch of students from different faculties of the university through a programme called Associate Certificate in Islamic Banking and Finance (ACIBF) on Wednesday, 19th June, 2019, at the Conference Hall Block A, Faculty of Earth and Environmental Sciences (FEES).

Speaking at the occasion, the Director of the IIBF, Professor Binta Tijjani Jibril, said the main objective of creating the programme was to impart the knowledge of Islamic Banking to all students so as to have adequate manpower in the field of Islamic Finance as well as to serve as important agents of spreading the importance of Islamic Finance to families and communities in order to solve the problem of poverty and unemployment in the society.

Professor Jibril said the students should also serve as the ambassadors of Islamic Finance through actively participating in opening accounts with Islamic Finance Banks as well as encouraging others to do so.

In his remarks, the Vice Chancellor, Professor Muhammad Yahuza Bello, who was represented by the University Librarian, Dr. Musa A. Auyo, said Bayero University was always ready to collaborate with any organization towards developing human capital in any field of study.

Professor Bello said BUK had distinguished itself in

many places through its centres, faculties staff and students all over the world by winning grants to the university, which we are ready to continue supporting any of our staff and students who are ready to champion the course of academic and community services” he said.

Hajiya Bilkisu Mahe Bashir Wali from CBN stated that Islamic Finance was a very important aspect that increased significantly towards the development of the Nigerian economy and the world in general. she said CBN as a regulatory body was doing everything possible to encourage any banking business that would help towards developing Nigerian economy.

Dr. Abdullahi Shuaib from the JAIZ Foundation commended the University Management for the foresight through creating the programme, which would serve as a good scheme of providing professional players in the field of Islamic Banking as well as serve as an agent and advocate in the field of Islamic Finance.

Hajiya Rahma Jibrin from JAIZ Bank said a lot of sacrifices needed to be done in order to sustain the business of Islamic Finance in Nigeria. “We have to stand up and face the challenges facing us in this business and we urge people to advise us on any area that could help us to improve JAIZ Bank in Nigeria,” she said.

GUIDELINES FOR 2019 JUNIOR STAFF PROMOTION EXERCISE

All Provosts, Deans, Directors and Head of Departments/Units

This is to request faculties, Centres, departments, and units to submit to the Junior Staff Unit, their recommendations for the 2019 Annual Promotions of Junior Staff.

1. The candidate(s) being presented for promotion should be confirmed staff and must be qualified academically and professionally. Such staff must have demonstrated exceptional performance meriting promotion.
2. (a) He/she must have served the University for at least 3 years after his/her last promotion
(b) He/she who has spent at least two years and six months is deemed to have spent 3 years
3. (a) Candidate(s) for promotion to ranks on CONTISS 03 and 04 must have at least three (3) credits in SSCE/GCE or its equivalent, except **Motor Driver**.
(b) Candidate(s) for promotion to CONTISS 05 must have same as (a) above plus a relevant certificate, except **Driver/Mechanics, Artisans, Medical Record Assistant, Medical Technicians, Messenger/Cleaner, Gardner and Grounds men**.
4. Trade Test Certificates from the Federal Ministry of Labour and Productivity can be presented for promotion of Artisans and Drivers.
5. Staff on Study Fellowship or who has been granted study fellowship **can be** presented for promotion once.
6. Staff with a **warning letter** in the last 6 months should not be presented for promotion.
7. All re-designation cases (upgrading, change of cadre and conversion) should not be presented to the Junior Staff A & PC, instead it should be directed to the Registrar.
8. Departments should not re-submit cases for promotion which were earlier rejected without acquiring the needed relevant qualification.
9. Staff posted to a new department/unit must spend at least six months before the new unit can assess him/her for promotion. Staff affected by the recent redeployment should therefore be assessed by their former head of department.
10. Only November/December O/Level is acceptable for promotion after appointment.
11. Ten (10) copies of the attached forms should be completed and submitted in respect of each candidate.
12. All submissions and recommendations are to be submitted to the Junior Staff Office on or before **8th July, 2019** late submission would not be accepted.

NB: Officers presenting candidates for promotion shall be required to come and defend their submission before the Junior Staff A & PC with their departmental files and photocopies of relevant credentials on the scheduled date.

Appointments

Professor Ibrahim Ahmed Rufai now Director, Directorate of Research, Innovation and Partnership

The Principal Officers at their 8th (2019) meeting held on Monday, 24th June, 2019 approved the appointment of **Professor Ibrahim Ahmed Rufa'i** as the new Director, Directorate of Research, Innovation and Partnership (DRIP), for a period of two (2) years with effect from 1st July, 2019.

Dr. Abdulmannan Yahaya now HOD, Department of Child Dental Health

The Vice Chancellor, Professor Muhammad Yahuza

Bello, has approved the appointment of **Dr. Abdulmannan Yahaya** as the Head, Department of Child Dental Health for a period of two (2) years commencing from June 23, 2019.

Dr. Dahiru J.M. Adamu, re-appointed as HOD, Department of Food Science and Technology

The Vice Chancellor, Professor Muhammad Yahuza Bello, has approved the re-appointment of **Dr. Dahiru J. M. Adamu** as the Head, Department of Food Science and Technology for another period of two (2) years commencing from February 23, 2019.

Public Lecture on Causes and Implications of Sexual Harassment in the University Environment

This is to invite members of the University Community to a public lecture on Sexual Harassment, organized by the Centre for Gender Studies.

Speaker: Professor Ismail Muhammad Zango, Director, Aminu Kano Centre for Democratic Research and Training, Mambayya House.

Chairperson: Professor Ruqayyatu Ahmed Rufai, OON, former Minister of Education

Date: Tuesday, 2nd July, 2019

Time: 10:00am-12noon

Venue: Centre for Gender Studies, Bayero University, Kano

USSA 1ST (2019) CONGRESS MEETING

The University Secretarial Staff Association (USSA) holds its 1st (2019) Congress Meeting, scheduled as follows:

Date: 4th July, 2019

Time: 4:00pm

Venue: J.O.C. Ezielo Theatre, opposite Physiology Department (Old Campus)

Staff Model Primary School, BUK

Admission!

Admission!!

Admission!!!

The management of Staff Model Primary School, Bayero University, Kano wishes to inform the University community and general public that the sale of admission forms for new intake into primary one and transfer cases into various classes for 2019/2020 session is on progress.

Interested can obtain the forms at the Head Teacher's office Bayero University Old Campus from **9:00am to 1:00pm daily**.

For more information, contact the following numbers: **08060601232, 08061312701, 0812778282**

Staff Model Secondary School: BUK Staff Model Secondary School 2019/2020 Entrance Examination, slated for Saturday 22nd June, 2019

This is to inform students, parents, interested individuals and the University Community that the management has scheduled the 2019/2020 Entrance/Transfer students examination as follows:

Date: Saturday, 22nd June, 2019

Time: 7:30am

Venue: School Assembly Hall

NB: Parents who did NOT Register their wards earlier can do so on the spot.

SEMINAR

Department of Biochemistry: MSc and PhD Completion seminar and Internal Examination

1. Name of Presenter: Yila Robert (SPS/16/MBC/00091)

Topic: Hypocholesterolemic and antioxidant effect of Gaelic (*Alum sativum*) methanol-aqueous extract in albino rats

Supervisor: Prof M K Atiku

2. Name of Presenter: Auwalu Rabi (SPS/16/MBC/00004)

Topic: Effect of water hardness on serum lipid profile in high fat induced hyperlipidemic albino rats

Supervisor: Prof M K Atiku

3. Name of Presenter: Saminu Danyaro

(SPS/15/MBC/00012)

Topic: Hypolipidic potential of methanol leave extract fractions of ficus sycomorus in wistar rats

Supervisor: Prof M K Atiku

3. Name of Presenter: Ibrahim Mohammed Inuwa (SPS/13/PBC/00014)

Topic: Toxicological studies and effect of processing methods on the nutritional value of *Cadaba farinose* Forsk seeds

Supervisor: Prof M K Atiku

CHAIRMAN: Prof M K Atiku

DATE: TUESDAY 2nd July, 2019

Time: 10:00 am Prompt

VENUE: PG Class

Obituary: Barrister Hassana Bashir Dies

The Death has occurred of Hassana Bashir from the Department of Islamic Law. She died on Friday 21st June, 2019 after a protracted illness. A week before her death, Hassana was rushed to Accident and Emergency Unit of the Aminu Kano Teaching Hospital (AKTH) with a severe medical condition. She fell into coma and was diagnosed with heart problem and was transferred to Intensive Care Unit (ICU). She was since buried according to Islamic rites. May her gentle soul rest in peace.



Do You Know?

- That BUK consumes a lot of Energy Daily?
 - That Power Supply by PHCN is Poor?
 - That The University Relies on its Generators for Power Supply at Staff Quarters, Administrative, Academic and Students Areas?
 - That The University Spends a lot of money on Diesel and Generators' Maintenance?
 - That Some Staff members Leave Offices Without Switching-off Electrical Appliances?
 - That 1 Extra Hour of Air-conditioning in a Room Uses Enough Energy to Power A TV for a Year?
- ✓ To Reduce Cost and for Safety, Help the University by Putting-off all Electrical Appliances when not in use!

