



**2017**  
**ANNUAL REPORT**

FEDERAL UNIVERSITY OF AGRICULTURE  
ABEOKUTA, OGUN STATE, NIGERIA

*-Published by*

**ACADEMIC PLANNING UNIT**  
**Vice-Chancellor's Office**

*FUNAAB...for Knowledge that Develops and Sustains*

## ACRONYMS

ABG	Department of Animal Breeding and Genetics
ACC	Department of Accounting
AEFM	Department of Agricultural Economics and Farm Management
AERD	Department of Agricultural Extension and Rural Development
AGAD	Department of Agricultural Administration
AGE	Department of Agricultural Engineering
ANN	Department of Animal Nutrition
ANP	Department of Animal Physiology
APH	Department of Animal Production and Health
AQFM	Department of Aquaculture and Fisheries Management
AMREC	Agricultural Media, Research and Extension Centre
BAM	Department of Business Administration
BFN	Department of Banking and Finance
BCH	Department of Biochemistry
BIO	Department of Biological Sciences
BIOTECH	Biotechnology Centre
CGNS	Department of Communication and General Studies
CHM	Department of Chemistry
COLAMRUD	College of Agricultural Management and Rural Development
COLANIM	College of Animal Science and Livestock Production
COLBIOS	College of BioSciences
COLENG	College of Engineering
COLERM	College of Environmental Resources Management
COLFHEC	College of Food Science and Human Ecology
COLMAS	College of Management Sciences
COLPHYS	College of Physical Sciences
COLPLANT	College of Plant Science and Crop Production
COLVET	College of Veterinary Medicine
CPT	Department of Crop Protection
CSC	Department of Computer Science

CVE	Department of Civil Engineering
ECO	Department of Economics
ELE	Department of Electrical/Electronic Engineering
EMT	Department of Environmental Management and Toxicology
ETS	Department of Entrepreneurial Studies
FST	Department of Food Science and Technology
FWM	Department of Forestry and Wildlife Management
HRT	Department of Horticulture
HSM	Department of Home Science and Management
HTM	Department of Hospitality and Tourism
IFSERAR	Institute Of Food Security, Environmental Resources And Agricultural Research
INHURD	Institute of Human Resources Development
MCB	Department of Microbiology
MCE	Department of Mechanical Engineering
MTE	Department of Mechatronics
MTS	Department of Mathematics
NTD	Department of Nutrition and Dietetics
PAB	Department of :Pure and Applied Botany
PAZ	Department of Pure and Applied Zoology
PBST	Department of Plant Breeding and Seed Technology
PHS	Department of Physics
PPCP	Department of Plant Physiology and Crop Production
PRM	Department of Pasture and Range Management
SSLM	Department of Soil Sciences and Land Management
STS	Department of Statistics
VAT	Department of Veterinary Anatomy
VMP	Department of Veterinary Microbiology and Parasitology
VMS	Department of Veterinary Medicine and Surgery
VPH	Department of Veterinary Public Health and Reproduction
VPP	Department of Veterinary Physiology and Pharmacology
VPT	Department of Veterinary Pathology
WRMA	Department of Water Resource Management and Agrometeorology



**NOTE FROM THE EDITOR:** It is with utmost pleasure and sense of fulfilment that I present the 2016/2017 Academic Session ANNUAL REPORT. It gladdens my heart that it has finally become a reality despite the numerous hurdles scaled to achieve this feat. The Annual Report is a yearly publication of the Directorate of Academic Planning which was first published in print in the year 2012 during the tenure of the 5th Substantive Vice Chancellor, Prof. Olusola Oyewole and this year marks the end of his tenure and the beginning of the tenure of the 6<sup>th</sup> Substantive Vice – Chancellor, Professor F.K. Salako

The 2016/2017 academic session happened to be an unusually long one, given some breaks we have had to introduce in the course of the session. However, the year still had its abundant share of exciting activities and laudable achievements. Hence, we have crafted together this edition to highlight specific activities of the University which have made it a success by all standards in the fulfilment of its tripod mandates of teaching, research and extension services.

This edition started with a preamble which covers information about the University, her vision and mission statements, University logo and anthem, the University's Chancellor, the Governing Council, the past and present Vice Chancellors, University Management, Deans of Colleges, Directors of Institutes, Centres and Units and Heads of Departments and Units while the main body was discussed under chapters: 1. Major Activities 2. Report from Colleges 3. Report from Other Units 4. Finance (Bursary).

We wish to express our appreciation to the University Management, particularly the Vice – Chancellor, Professor F.K. Salako, who provided the right atmosphere for this publication to be a reality. We are also grateful to the immediate past substantive Vice Chancellor Professor O.B. Oyewole, the former Acting Vice Chancellor, Professor Ololade Adeduro Enikuomelin and the immediate past Deputy Vice-Chancellor (Academics), Professor Oluyemisi C. Eromosele for their support towards the production of the report. We recognize all individuals and groups of staff who have made useful submission for their dedication and unreserved cooperation.

I cannot but mention very specifically the very strong rapport we have shared in the Directorate of Academic Planning. A very big thank you to every member of staff in this unit that has contributed very significantly; particularly the Academic Planning Officers, both past and present.

Finally we recognize the Almighty God as the source of life and wisdom behind this document.

Professor Olusola John ADENIRAN

DIRECTOR, Academic Planning



## **UNIVERSITY LOGO**

### **DESCRIPTION OF LOGO**

**WHEAT:** Symbolizes Agricultural Products

**ROCK:** Symbolizes Olumo Rock of Abeokuta

**OPEN BOOK:** Symbolizes Knowledge

**WATER:** Symbolizes Water Resources/Fisheries

**GOLD COLOUR:** Symbolizes Excellence

**GREEN COLOUR:** Symbolizes Agriculture

**MOTTO:** Knowledge for Development

Excellence, Integrity, Global Relevance, Innovation, and Service to Humanity (EXIGIS)



## UNIVERSITY ANTHEM

1. We have a vision great and clear  
For the masses far and near  
A school of farming, science and skill  
To feed the land we'll till  
Research, test and learning  
For wisdom we're yearning

FUNAAB, FUNAAB, glory of our day  
Forward, upward, we shall ever stay  
Beacons of our fatherland  
To success we will sail  
Labouring, toiling onward we shall never fail.

2. The nature's secret we'll find  
As offering to mankind  
We're aiming at sound scholarship  
And academic leadership  
We've all needed potentials  
And basic essentials

FUNAAB, FUNAAB, glory of our day  
Forward, upward, we shall ever stay  
Beacons of our fatherland  
To success we will sail  
Labouring, toiling onward we shall never fail.



*PRESIDENT MUHAMMADU BUHARI*

**Visitor**



***MALLAM ADAMU ADAMU***  
**Honourable Minister of Education**

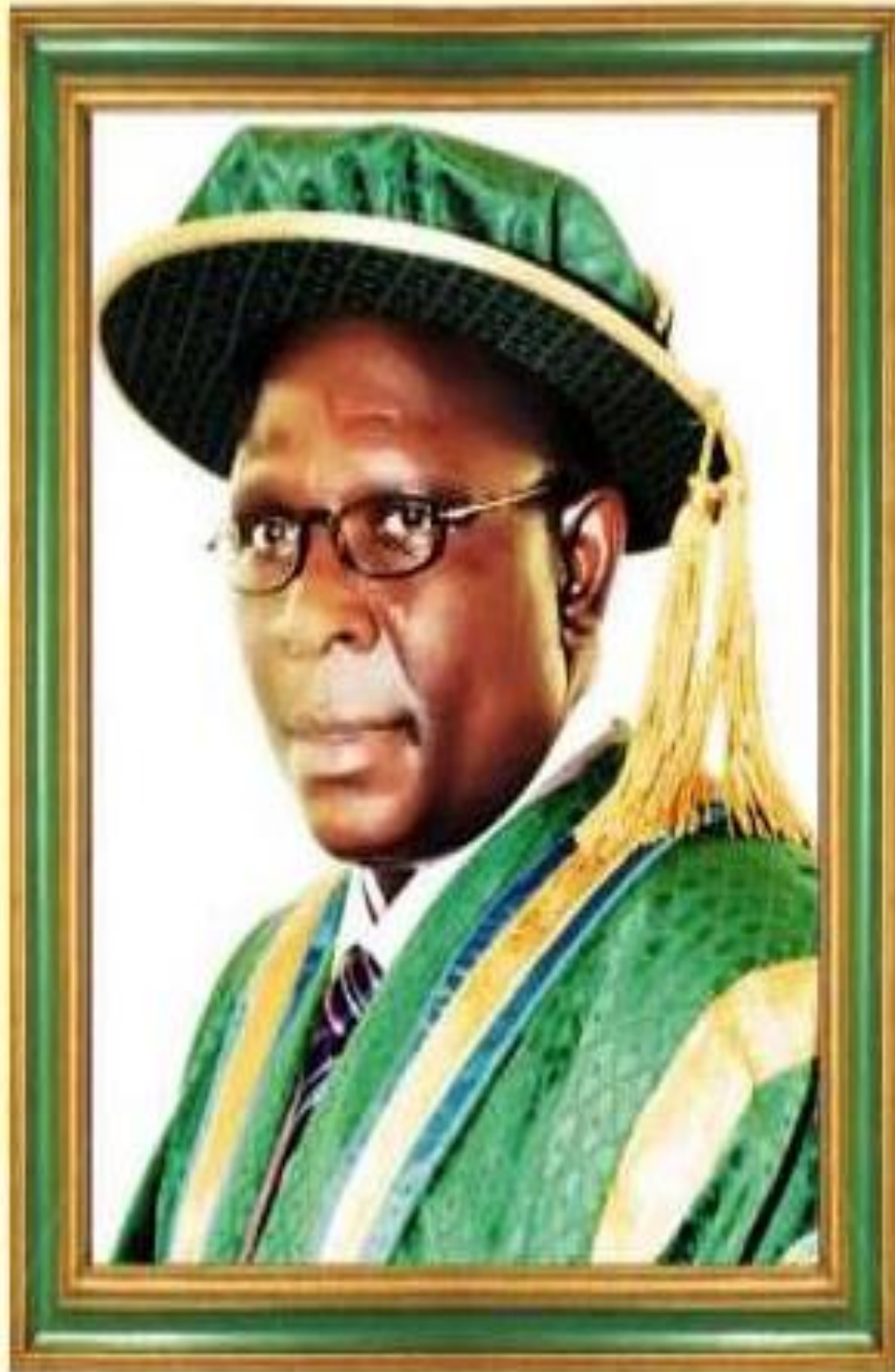




***HIS ROYAL EMINENCE, EDIDEM EKPO OKON, ABASI OTU V.  
The Obong of Calabar  
Chancellor***



**Dr. (Barr.) Aboki Zhawa, OON**  
Pro-Chancellor & Chairman, Governing Council



**Professor Olusola Bandele Oyewole**

**Vice-Chancellor and Chairman of FUNAAB Senate (2012-2017)**



**PROFESSOR FELIX KOLAWOLE SALAKO**  
**VICE-CHANCELLOR**

**Vice-Chancellor and Chairman of FUNAAB Senate (November 2017 till Date)**

## PAST AND PRESENT VICE-CHANCELLORS



**Professor Nurudeen O. Adedipe**  
Vice-Chancellor, January 28, 1988-1995



**Professor Julius A. Okojie**  
Acting Vice-Chancellor: 1995-1996  
Vice-Chancellor, 1996 -August, 2001



**Professor Israel Folorunsho Adu**  
Vice-Chancellor, September, 2001 - August 2006



**Professor Ishola Adamson**  
Acting Vice-Chancellor, September, 2006 - May, 2007



**Professor Oluwafemi Olaiya Balogun**  
Vice-Chancellor, May, 2007 - May, 2012



**Professor Olusola Bandele Oyewole**  
Vice-Chancellor, May, 2011 - May, 2017



PROFESSOR FELIX KOLAWOLE SALAKO  
VICE-CHANCELLOR

**Vice-Chancellor (November 2017 – Till Date)**



*Prof. Ololade Enikuomhin*

**Acting Vice Chancellor (May 2017-October 2017)**

## PRINCIPAL OFFICERS OF THE UNIVERSITY



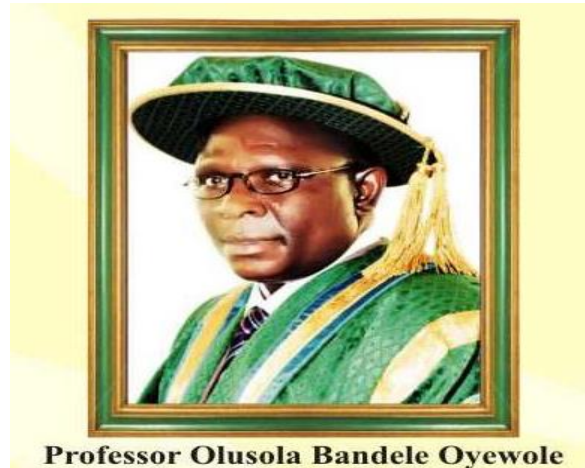
Professor Mrs C.O. Eromosele

**Deputy Vice Chancellor (Academic)**



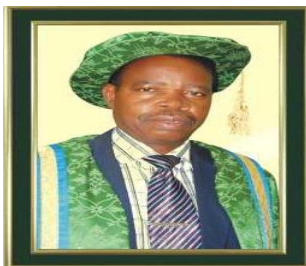
*Prof. Ololade Enikuomehin*

**Deputy Vice Chancellor (Development)**



**Professor Olusola Bandele Oyewole**

**Vice Chancellor**



Mr. Matthew OdunladeAyoola

**Registrar**



Dr. (Mrs.) Mulikat Salaam

**University Librarian**



Mr. Moses Olusola Ilesanmi

**Bursar**

## MEMBERS OF UNIVERSITY GOVERNING COUNCIL



Mr. Polycarp Shambo  
Rep. Fed. Min. of Educ.



Mr. Sola Tobun  
Rep. Convocation



Mrs. S.O. Oludiya  
Rep. F.M. Ind. T&I



Prof. Femi Otubanjo  
External member



Alhaji Abba Dasuki  
External member



Mr. Matthew Ayoola, JP  
Registrar



Prof. O.A. Enikuomehin  
DVC (Development)



Prof. C.O. Eromosele  
DVC (Academic)



Senator, Sir (Dr.) Adeseye Ogunlewe  
Chairman/Pro-Chancellor



Prof. O. B. Oyewole  
Vice-Chancellor



Mr. Moses Ilesanmi  
Bursar



Dr. Mrs. M. Salaam  
University Librarian



Prof. Olusiji Sowande  
Rep. Senate





Prof. C.O. Adeofun  
Rep. Senate

Chief Olukayode Akindede  
External member

Prof. C.O. N. Ikeobi  
Rep. Senate

Rt. Hon. Ghali Umar Na'Abba  
External member

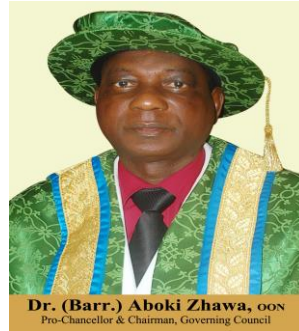
## MEMBERS OF UNIVERSITY GOVERNING COUNCIL (2017/18)



Arch. B.A. Anasanwo  
Congregation Rep.



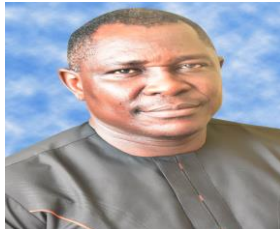
Mr. Chukwunike Ezekpeazu  
University Bursar



**Dr. (Barr.) Aboki Zhawa, Oon**  
Pro-Chancellor & Chairman, Governing Council



Professor (Mrs) M. Dipeolu



Professor M. Ozoje



**PROFESSOR FELIX KOLAWOLE SALAKO**  
VICE-CHANCELLOR



Professor L.O. Sanni (DVC Dev)



Professor C.O. Adeofun



Professor O.S. Sowande



Dr. Bola Adekola



Mr. Sola Tobun

## THE UNIVERSITY SENATE

The University Senate usually holds regular monthly meeting known as Statutory Senate Meeting, Special Senate and Emergency Senate Meetings as the need arises. During the year under consideration, the Senate held four (4) statutory and three (3) Special meetings

where academic matters were deliberated upon and decisions were made. Some of the decisions are as follows:

	<b>Activities / Achievements</b>	
	Approval of Academic Calendar for Full-time students for 2016/2017 Academic Session	Special Senate Meeting, 17th February, 2017
	Approval of Academic Calendar for Part-time students for 2016/2017 Academic Session	Special Senate Meeting, 17th February, 2017
	Expiration of the tenure of Prof. O.B. Oyewole, Vice-Chancellor and Appointment of Prof. O.A. Enikuomihin as the Acting Vice-Chancellor	Special Senate Meeting, 17th May, 2017
	Introduction and Interaction of the University Governing Council with the Senate	Special Senate Meeting, 24th May, 2017
	Approval of Registration of 28 Units for 200 level B.Agric Students in the First Semester	210th Statutory Meeting of Senate 8th and 13th June, 2017
	Upgrade of score of withdrawal 'P' students within the range of 40-44(E) prior to the introduction of 45% Pass mark in BMAS curriculum to 45%	210th Statutory Meeting of Senate 8th and 13th June, 2017
	Approval of 13th to 21st October, 2017 and the programme of Activities for the combined 23rd, 24th and 25th Convocation Ceremonies	210th Statutory Meeting of Senate 29th June, 2017
	'Paperless' Senate Meeting; (Conduct of Senate Business electronically)	Reconvened 211th Statutory Meeting of Senate 18th July, 2017
	Need for students to comply with the University approved code of dressing	Reconvened 211th Statutory Meeting of Senate 18th July, 2017
	Approval of distinguished lecture series of the Federal University of Agriculture, Abeokuta	Reconvened 211th Statutory Meeting of Senate 18th July, 2017

## CHAPTER ONE

### 1.0 MAJOR EVENTS IN THE YEAR

## 1.1 Matriculation Ceremony

The 2016/2017 Academic Session Matriculation Ceremony holds on Wednesday, April 26, 2017 at the FUNAAB Ceremonial Building, beginning at 9am.

A total of 3,062 newly registered students from the 10 Colleges of the University, are expected to participate in the event, to be presided-over by the Vice-Chancellor, Professor Olusola Oyewole.



*Prof. Elijah Ayolabi*

Meanwhile, a Commencement Lecture is to also take place during the Matriculation Ceremony, which would be delivered by Professor Elijah Ayolabi, Vice-Chancellor, Mountain Top University, Ogun State. Title of the lecture is “University Education and National Development”

## 1.2 Professor Enikuomihin Becomes Acting Vice-Chancellor



*Ag. Vice-Chancellor, Prof. Ololade Enikuomihin*

An Acting Vice-Chancellor has been appointed for the University. He is Professor Ololade Enikuomihin of the Department of Crop Protection, College of Plant Science and Crop Production (COLPLANT) of the University. The Senate of the University, at its special meeting, recommended the appointment of an Acting Vice-Chancellor, in accordance with extant laws of the University. Consequently, the Governing Council, at its 94th Meeting, approved the recommendation of Senate and appointed Professor Enikuomihin, a Professor of Plant Pathology and Mycology, as the Acting Vice-Chancellor with effect from May 24, 2017.

At the handing over ceremony, the newly-appointed Pro-Chancellor and Chairman, Governing Council of the University, Dr. (Barr.) Aboki Zhawa, congratulated the immediate past Vice-Chancellor, Professor Olusola Oyewole, for the period he served as the Chief Executive Officer of the University. The Pro-Chancellor, who had earlier embarked on a tour around facilities in the University, stated that he was impressed with the serenity of the environment and beautiful landscape, saying “I am impressed with what I have seen”, as he wished Professor Oyewole success in his future endeavours, while thanking him for completing the ongoing physical structures he met on ground, when he assumed office.

The immediate past Vice-Chancellor, while handing-over, expressed gratitude to the past and present Council members, Deputy Vice-Chancellors, staff and the entire University community for the co-operation and support given to him during his tenure in office. He assured that the University was in good hands with the new Acting Vice-Chancellor, as well as the Pro-Chancellor and Chairman, Governing Council. Congratulating the new Acting Vice-Chancellor, Dr. Zhawa wished him the very best in office and assured him of the Governing Council’s support and co-operation. The Pro-Chancellor, who stated that he would operate on the policy of always giving his best in whatever he does, charged the Acting Vice-Chancellor to do same.

It would be recalled that at the first Consultative Meeting of the Governing Council of FUNAAB, held recently in Abuja, the new Pro-Chancellor had expressed the readiness of the Governing Council to work tirelessly for the upliftment of the University within the next four years, while calling for the support and co-operation of all stakeholders in the University, he said the new Council

would operate by following laid down rules and regulations, to avoid any administrative mistake.



*The Pro-Chancellor and Chairman, Governing Council, Dr. (Barr.) Aboki Zhawa (Middle), with the Ag. Vice-Chancellor, Prof. Olojede Enikuomehin (Right) and the immediate past Vice-Chancellor, Prof. Olusola Oyerole.*

The Acting Vice-Chancellor obtained his Bachelor of Science degree from the Bendel State University, Ekpoma and Master's, as well as Doctorate degrees from the University of Ibadan. Professor Enikuomehin was the Best Graduating M.Sc Student in 1990. He is a member of several learned societies, which include the Nigerian Society for Plant Protection, Organic Agriculture Project in Tertiary Institutions in Nigeria and the American Phytopathological Society. He has served the University in several capacities such as Dean, Postgraduate School; the Chairman, Committee of Deans and Directors; Member, University Governing Council; and Member, Anti-Corruption and Transparency Committee of FUNAAB. Professor Enikuomehin has supervised several graduate and postgraduate students and has published many books, monographs and journal articles. Until his appointment, he was the Deputy Vice-Chancellor (Development) of the University.

### 1.3 FG Inaugurates New Governing Council for FUNAAB



*The Pro-Chancellor and Chairman, Governing Council, Barrister (Dr.) Aboki Zhawa (Arrowed), Council members and University officials after inauguration of the Governing Council*

The Honourable Minister of Education, Mallam Adamu Adamu, has inaugurated a new Governing Council for the University, with a charge to ensure prudent management of scarce resources and broaden the Internally Generated Revenue base of the University. The new Governing Council members are: Barrister (Dr.) Aboki Zhawa, Pro-Chancellor and Chairman; Dr. Yakubu Toragbigiye, Mr. Charles Antakiya, Dr. Femi Olufunmilade and Mrs. Nkem Ezeomah .

Mallam Adamu gave the charge while inaugurating 23 Governing Councils of federal universities at the National Universities Commission (NUC), Abuja. “In view of the current economic situation in the country, I call for prudent management of scarce resources while efforts should be intensified to broaden the Internally Generated Revenue base of each university and ensure judicious application of revenues so generated”. While calling on the newly-inaugurated governing council members to live above board, the Minister urged them to join the war against corruption in the country, as corrupt practices, such as staff indiscipline were bound to have destructive effect on the system, saying, “as you are well aware, the visitor of all federal universities, the President and Commander-in-Chief (of the Armed Forces), is on a crusade to clean the system of all forms of corruption and so far, the country is winning the war”.

Mallam Adamu, who reminded them that the powers of each Governing Council were to be exercised in line with the extant laws and statutes of each university, charging them to study the laws and statutes, government policies, white papers, circulars, gazettes and other relevant document that would assist them in taking decisions that would move the university system forward. He added that such move would help the new councils to avoid conflicts between them and other stakeholders in the university. Minister said the tertiary education sector, particularly, the universities were critical to the actualisation of the change agenda of the Federal Government, adding that government was aware that Nigerian universities face challenges of inadequate human and material resources, physical infrastructure, general insecurity, examination malpractices and poor management of funds, among others but that the government had resolved to tackle these problems head-on with the full cooperation of the new council members by making the desired impact and be a vehicle for the realisation of government laudable objectives.

According to the Minister, the Governing Council is the highest policy organ with the overall responsibility for making statutes for the organisation, policy, structure, power, development, financing and general management of the university, hence, should know that governance and management are two

distinct responsibilities in the university system. Therefore, it is pertinent for the council members to know this and avoid conflict of interest. delivering his welcome address, the Executive Secretary, National Universities Commission (NUC), Professor Abubakar Rasheed, appreciated the critical roles of governing councils in the effective governance and development of universities. He urged them to recognise their place in the university, particularly, as employers of labour and bring their wealth of experience to bear on the fulfillment of the desires of the government in the education sector.

The Executive Secretary enunciated that all the governing councils for the 23 federal universities would be supported to make them succeed in the new task of providing effective, efficient and credible governance, by organising a retreat for them in the first week of July, to keep them abreast of the challenges of governance in the Nigerian university system as well as global best practices. The councils were admonished to display high sense of commitment, dedication, honesty, fairness, sincerity, excellence, teamwork and determination, no matter the challenges that confront them.

In their separate goodwill messages, the Minister of Youth and Sports, Barrister Solomon Dalung, said the new councils were coming at a critical period in the nation's history. The minister frowned at privatisation and commercialisation of the education sector, while calling for massive investment in the sector, as part of measures to remedy poor access to education. Barrister Dalung supported the Federal Government's policy to restrict Federal Universities of Agriculture to their core mandates, while appealing to the National Assembly to allocate 26 percent of the nation's total budget to education, in line with the United Nations Education, Scientific and Cultural Organisation (UNESCO) recommendations.



***Honourable Minister of Education, Mallam Adamu Adamu (Left) with the Pro-Chancellor and Chairman, Governing Council, Barrister (Dr.) Aboki Zhawa during the inauguration of the Council members in Abuja***

On his part, the Chairman, House of Representatives' Committee on Tertiary Education and Tertiary Education Trust Fund (TETFund), Hon. Aminu Suleiman, said the executive arm and the National Assembly were working to improve funding in tertiary institutions and particularly, the universities to enhance their capacities for research and development, which would in turn, rub-off positively, on the socio-economic sector of the country. He assured that the National Assembly would join hands with the Federal Ministry of Education, in carrying out oversight functions of the universities. On behalf of the

new governing councils, the Pro-chancellor and Chairman, Governing Council, University of Lagos, Dr. Wale Babalakin, assured the Minister that members of the governing councils would justify the confidence reposed in them and turn around the fortunes of federal universities, positively.

Meanwhile, at the first Consultative Meeting of the Governing Council of FUNAAB, held in Abuja, the new Pro-Chancellor and Chairman, Governing Council of FUNAAB, Dr. Aboki Zhawa, expressed the readiness of the Council to work tirelessly for the upliftment of the University within the next four years, while calling for the support and cooperation of all stakeholders in the University to succeed. Dr. Zhawa, a national honorary awardee of the Commander of the Order of the Niger (CON), said the 6th Governing Council would operate by following laid down rules and regulations, to avoid any administrative mistakes.



## 1.4 Governing Council Parleys Staff Unions



*The Pro-Chancellor and Chairman,  
Governing Council, Dr. Barr. Aboki  
Zhawa*

To foster harmonious working relationship in the University, the Governing Council has held an informal interaction with all the staff unions' executive members in the University, namely: Academic Staff Union of Universities (ASUU), National Association of Academic Technologists (NAAT), Non-Academic Staff Union of Education and Associated Institutions (NASU) and the Senior Staff Association of Nigerian Universities (SSANU). The Pro-Chancellor and Chairman, Governing Council, Dr. Barr. Aboki Zhawa, said that whether one liked it or not, there would always be a meeting point, asking that when an ASUU member is put beside a member of another

According to him, "We should understand the fact that whether you like it or not, there's a meeting point". The Pro-Chancellor union, what would happen? further stated that the world is a stage, where everyone must play a part, noting that one should not be negative. He said: "If you can't contribute to the system, don't ground the system. God didn't put you in that position to destroy, but to lead. If we must serve together, we must start leading together". Generally speaking, Dr. Zhawa stressed that every ethnic nationality claimed that they had been marginalised in the country, deflating the feeling that only one section has been marginalised. He, however, said he expected an enhanced relationship among all the staff unions, within the next six months.



*The Pro-Chancellor, Dr. Barr. Aboki Zhawa (In suit); the Ag. Vice-Chancellor, Prof. Ololade Enikuomehin (3rd Left); the Chairman, ASUU-UNAAB, Dr. Adebayo Oni (Left); the Chairman, NAAT, Comrade Oluremi Olurinde (Right); the Chairman, NASU, Comrade Ishaq Odunjo (2nd Left); and the Chairman, SSANU, Comrade Rotimi Fasunwon; at the parley held in honour of staff unions executive members.*

The Acting Vice-Chancellor, Professor Ololade Enikuomehin, had lauded the Pro-Chancellor for mooted the idea of informal interactive session, adding that the University had never had such an opportunity. He noted that the parley was a manifestation of the fact that the University was fast evolving, praying that the expected bonding should continually be strengthened. He stated further that no system could move forward except there was agreement, understanding, mutual respect and a level of trust that grows over time, noting that, “We should create a basis for interaction among ourselves”. According to him, the event was not merely a time for talking but an opportunity for everyone to relax and foster collaboration.

Professor Enikuomehin, therefore, said that the Governing Council was desirous of providing a meeting point for the system to move forward. The Chairman, ASUU-UNAAB, Dr. Adebayo Oni, assured the Governing Council and the University administration of his Union’s commitment at working congenially with them in moving FUNAAB to greater heights.

Dr. Oni added that his Union would continue to ensure that its activities and events uplift the University academically, while making sure that the best was accorded its members. According to him, “We would also use this medium to implore the Council to ensure transparency, fairness and compliance with our extant laws”. The Chairman, NAAT, Comrade Oluremi Olurinde, said that the Governing Council had started well, praying that it would end well. According to him, “For us, these Council members are starting well and I pray you will end well. By the time this Council would be handing over, we shall all gather like this, to celebrate the achievements recorded”. Speaking further, Comrade Olurinde said that since the newly-appointed Pro-Chancellor stepped his foot on the University, the campus had been enjoying peace. According to him, “Since we got the wind of your appointment and since you stepped

your foot into this campus, we've been enjoying relative peace.



***The Pro-Chancellor, Dr. Barr. Aboki Zhawa (Arrowed); the Ag. Vice-Chancellor, Prof. Ololade Enikuomihin (his immediate right); Council members; Principal Officers; union chairmen with members; and University officials after the informal interactive meeting.***

We cannot have anybody better than your kind of personality at this moment that we have in FUNAAB and we pray that God will give you the wisdom and the courage to paddle the canoe of FUNAAB, to a safe destination”.

He pleaded with Council to put a stop to the practice of locking up laboratories by 4pm, as opposed to the normal system of running laboratories for 24 hours, to support research, while assuring Council of its backing at ensuring that the tripod mandate of the University was achieved. The Chairman, NASU, Comrade Ishaq Odunjo, buttressed the importance of peace, saying that the essence of a university was to serve as centre of academic excellence, while bringing up useful ideas on how to produce good leaders for the country. “There is no doubt in it that we need peace, not only between unions, Management and Council, but also among the respective unions”, he added. Comrade Odunjo further stated that to maintain peace, the welfare and career structure of staff must be adequately protected and enhanced by the Council, noting that in the usual habit of NASU, the peace of the University was very dear and that his union would continue to promote and stand for peace. He expressed NASU’s willingness to work with Management to achieve progress, development and University’s objectives.

Similarly, the Chairman, SSANU, Comrade Rotimi Fasunwon, stated that it was a rare opportunity for all to come together, adding that “In my 14 to 15 years of working in this University, I have never partaken in this kind of programme”. Comparing the University of Ibadan with FUNAAB, Comrade Fasunwon said that in UI, unionists play like brothers and sisters and they access loans together, without recourse to which union one belonged to. “We use to hear; FUNAAB is a family school and that is the story I used to hear. I grew up to know that FUNAAB is a family school. Well, we know that even within the family, brothers and sisters do fight, husbands and wives do fight, but they know how to settle it”. Agreeing to the fact that there should be peace in the University, the Chairman stressed that “I think we’ve come to that point in FUNAAB that we can just close our eyes to what has happened before and forge ahead, for the development and progress of this University”.

After the four union leaders had spoken, the Council members present at the parley also offered various words of wisdom. According to Dr. Yakubu Tor-Agbidye, the University had been lucky to have a Pro-Chancellor, who was very experienced alongside a young and dynamic Acting Vice-Chancellor. Reiterating the need for congenial working relationship, Dr. Tor-Agbidye said that, “Look at the human body; it is made up of many different parts. The eyes look different from the nose. The ears are different

from the mouth and the rest parts, but each part that is found on the body, has a function and because all the functions come together, they make you and I, human beings that could function. When we find ourselves in an environment that has a lot of categories of people; it is not a mistake. Each one of us has found ourselves here because God has designed it, before anybody here was born. He noted that, God brought all of us here, irrespective of our work, God purposefully made it that way. Each of us that came here, has a divine role. We play our roles and each person plays his/her roles that come together distinctively and form the University's workforce".

He said that people come together from different parts of the world, to work in the University. So, one should learn how to live with each other peacefully, noting that the University had gone through the stages of forming, storming, normalising and now, it was time to perform. In his reaction, another Council member and the Director, Information and Communications Technology Resource Centre (ICTREC), Professor Adesina Agboola, said that in the spirit of reconciliation, people should work together in the interest of the system. Similarly, Dr. Femi Olufunmilade alluded to a verse in the Holy Bible, which says; "There is time for everything under the sun", noting that the time for peace in the University was now and that no single person could promote peace alone. According to him, "It is a collective enterprise. So, let us all – individually and collectively – go back, think and act in the direction of peace. When there is peace, there'll be progress and everybody will be happy".

Corroborating his fellow Council members, the University Chaplain, Professor Christian Ikeobi, stated that the essential thing was to find a meeting point and move ahead. "We can only do that by corroborating what has been said, by working out peace. We don't have permanent friends but we should have permanent interest, which I think is the most important thing. And the interest is the progress and development of the University. So, I enjoin all groups that at times, we'll lose and at times, we gain. But we'll all reach our Promised Land". Also, the Dean, College of Environmental Resources Management (COLERM), Professor Clement Adeofun, said that the University "is our pot of soup". While making a strong case for the establishment of FUNAAB Staff Club within the main campus, Professor Adeofun said there was no problem with the University, adding that staff unions should gauge, weigh, analyse and assess all extraneous factors and make use of the good ones while the destructive ones would be done away with.

## 1.5 FUNAAB Appoints New VC, Registrar and Bursar.

The Governing Council of the Federal University of Agriculture, Abeokuta (FUNAAB), Ogun State, has approved the appointment of three new Principal Officers, in substantive capacities, for the University. The Principal Officers-designates are: Professor Felix Kolawole Salako, Vice-Chancellor; Dr. Hakeem Adebola Adekola, Registrar; and Mr. Chukwunwike Ezekpeazu, Bursar.

According to the Pro-Chancellor and Chairman, Governing Council of the University, Dr. (Barr.) Aboki Zhawa, "The process was guided by rules, regulations and the Act (establishing the University). We were guided by provisions of the Act, the rules of the University and Federal Character. We, as a Council, decided to set up the committee that will do the screening for the Council. It was after screening that the Technical Committee was mandated to look at the applicants; to see if they have complied with the spirit of the advertisement. The Technical Committee came up with a good list and they presented to the Selection Board. Having looked at the list, we made a recommendation to the Council and it approved the list and the other recommendations that were submitted".



The Vice-Chancellor, Designate, Prof. Felix Kolawole Salako

The Vice-Chancellor-designate, Professor Felix Salako, was born in Lagos State in 1961 and hails from Ibadan, Oyo State. A Professor of Soil Physics in the Department of Soil Science and Land Management, College of Plant Science and Crop Production (COLPLANT) of the University, he attended the famous Apostolic Church Grammar School, Orishigun, where bagged his West African School Certificate Education under Division One, as well as the Igbobi College, Lagos; the University of Nigeria, Nsukka, where he obtained his B. Agric (Hons) and M.Sc degrees in Soil Science in 1983 and 1986, respectively before proceeding to the University of Ibadan, where he bagged his PhD Degree in Soil Science, in 1997.

Professor Salako joined the services of FUNAAB in 2000 as a Senior Lecturer and moved up the academic ladder to become a Professor in 2006. He had served the University on many fronts, which include: Head of Department, Soil Science and Land Management; Director, Agricultural Media Resources and Extension Centre; Pioneer Director, Centre for Community-Based Farming Scheme and Deputy Vice-Chancellor, Development, for two terms. He has to his credit, over 80 publications in books/monographs, articles in learned journals, papers in referred conference proceedings and technical reports. He had equally supervised more than 50 students at both the undergraduate and postgraduate levels in addition to being external examiners to several notable universities.

Professor Salako belongs to a number of professional associations and learned societies such as the International Society of Agricultural Meteorology; Soil Science Society of Nigeria; Agricultural Society of Nigeria; Soil and Water Conservation Society, United States of America and had delivered papers at many local and international conferences, seminars and workshops. Notable academic laurels won by him include the Best Student Prize in Soil Science (1982 – 1983) Graduating Set of the University of Nigeria, Nsukka, the Marquis' Who-is-Who in Science and Engineering (8th Edition) and Chief War Marshall, Man O' War Club of Nigeria.

He is currently the Southwestern Nigeria Co-ordinator (2016-2021), African Cassava Agronomy Initiative, taking Agronomy to Scale in Sub-Saharan Africa (ACAI) for the International Institute for Tropical Agriculture (IITA), Ibadan, Nigeria; a project that has impacted the University and the society at large. Professor Salako, a Jerusalem Pilgrim, was honoured with the chieftaincy titles of the Asoluderoof Iwoye-Ketu and the Bobatolu of Isaga-Orile; Ogun State, in recognition of his immense contributions to the development of the two communities, among other laurels.



The Registrar, Designate, Dr. Hakeem Adebole Adekola

The Registrar-designate, Dr. Hakeem Adekola, was born in Lagos on January 12, 1968, is a native of Ogun Waterside, Ogun State. He attended Community High School, Ibiade, Ogun State for his secondary education, between 1980 and 1985. He holds a Bachelor's Degree in History; Master of Personnel Psychology and a Doctorate Degree in Applied Psychology (Personnel Psychology option), from the Olabisi Onabanjo University, Ago-Iwoye, Ogun State, in 1989, 1997 and 2006, respectively. He was employed as an Administrative Officer II by the Ogun State University (now Olabisi Onabanjo University) in September 1991. He rose through the ranks to become a Deputy Registrar in October 2007 in the same university. He was later appointed as the Pioneer Registrar of the Fountain University, Osogbo, Osun State in 2007 and served out his tenure on April 30, 2012.

Dr. Adekola's work experience has transversed different aspects of university administration such as faculty offices, senate affairs, academic planning units, committees and the vice-chancellor's office. He belongs to several professional bodies, including the Association of Nigerian Universities Professional Administrators (ANUPA); Association of American University Administrators, United Kingdom (AUA,UK); Chartered Institute of Personnel Management (CIPM) of Nigeria; and Chartered Institute of Civilian Administration, Ghana (CIDA, Ghana), among others. He has attended many local and international conferences and has to his credit, several academic, professional publications as well as teaching experiences. Until his appointment, he was the Deputy Registrar-in-Charge of Senate Affairs at the Olabisi Onabanjo University, Ago-Iwoye, Ogun State.



The Bursar-designate, Mr. Chukwunwike Ezekpeazu, was born on February 2, 1960 in Onitsha, Anambra State. He attended popular Christ the King College, Onitsha; University of Nigeria, Nsukka, where he obtained both his B.Sc (Hons) Degree in Accountancy and Master's in Business Administration (MBA) Banking and Finance in 1981 and 2005, respectively. He has a robust career in accounting, having attended many conferences in his field of specialisation. He belongs to leading professional associations and institutes such as the Fellow, Institute of Chartered Accountants of Nigeria (FCA); and Fellow, Chartered Institute of Taxation of Nigeria (FCTI); among others. Mr. Ezekpeazu was a former Bursar at the National Mathematical Centre, Abuja and was a Visiting Bursar on Sabbatical at the Michael Okpara University of Agriculture, Umudike, Abia State, before he was appointed as Bursar in FUNAAB. All the appointees are happily married and blessed with children.

## 1.6 Visitor Charges New Graduands to be Job-Creators (Combined Convocation Ceremonies)



*The Visitor to the University, President Muhammadu Buhari, represented by the Minister of Agriculture and Rural Development, Chief (Dr.) Audu Ogbeh (2nd Left); Chancellor, His Eminence, (Dr.) Edidem Ekpo Okon Abasi-Otu V, (Centre); Pro-Chancellor and Chairman, Governing Council, Dr. (Barr.) Aboki Zhawa (2nd Right); Acting Vice-Chancellor, Prof. Ololade Enikuomehin (Right) and the Registrar, Dr. 'Bola Adekola, during the Combined Convocation Ceremonies.*

The Visitor to the University and the President and Commander in Chief of Armed Forces, Federal Republic of Nigeria, President Muhammadu Buhari, has charged newly-graduated students of the University to be job-creators rather than job-seekers. Speaking at the University's 23rd, 24th and 25th Combined Convocation Ceremonies, President Buhari, who was represented by the Director, Directorate of Accreditation, National Universities Commission, Dr. Biodun Saliu, said that the current administration would give the fullest and possible support to every planned effort that was geared towards creating more jobs through the reorientation of Nigerian youths to developing an entrepreneurial mindset, as this was vital to the attainment of government's objectives of improved food security, employment, poverty reduction and wealth creation.

The President added that the country did not have all the means to provide jobs for every graduate, adding that while the government was committed to employment generation for majority of the teeming youths, they too must be prepared and be determined to contribute their own quota by striving to engage in one form of productive activity or the other. President Buhari admonished the graduands to take advantage of some of the programmes that had been put in place by the Federal Government to promote entrepreneurship which included those by the Central Bank of Nigeria (CBN Anchor Borrowers' Programme), Bank of Industry (BoI), Small and Medium Enterprises Development Agency of Nigeria (SMEDAN), National Directorate of Employment (NDE), Industrial Training Fund (ITF) and the Bank of Agriculture (BoA), among others. He noted that the programmes were meant to provide start-up loans at concessionary rates for participants, calling on the private sector to assist government in promoting youth entrepreneurship through the development



of micro, small and medium scale enterprises in the country.



***Graduating students at the Combined Convocation Ceremonies***

He said that the Federal Government would not relent in investing heavily in research in agriculture, Technical, Vocational Education and Training (TVET), as well as skills development to meet the nation's middle manpower needs and promote national growth. Commenting on the government's concern with the development and retention of new generation of academics and professionals that would drive the sector on a sustainable basis, President Buhari stressed that "Realising the importance of entrepreneurial skills, the Federal Government, through the National Universities Commission, has made it mandatory for all universities to teach entrepreneurship skills. By that, we will be rescuing the nation from a consumption input-driven economy to a productive and export-oriented economic giant. I am happy to know that FUNAAB's Centre for Entrepreneurial Studies (CENTS), is living up to expectations in this regard. The government is also impressed with the strides of the University in its laudable programmes such as the World Bank Centre of Excellence for Agricultural Development and Sustainable Environment (CEADESE) and the Community-Based Farming Scheme (COBFAS), among others". Earlier, the Visitor was represented on the first day of the convocation ceremonies by the Minister of Agriculture and Rural Development and the Convocation Lecturer, Chief (Dr.) Audu Ogbah.

The Chancellor of the University, His Eminence, Edidem Ekpo Okon Abasi-Otu (V), the Obong of Calabar, stated that he was glad to be part of the historic event, the first ever that he presided-over as the fourth substantive Chancellor of the University, while commending the University as a leading citadel of learning in the country even as he congratulated the Governing Council, Management, Senate, Staff and Students of the University. The Natural Ruler and the Grand-Patriarch of the Efik Kingdom said the importance of Universities of Agriculture would ever remain relevant in the scheme of things in Nigeria, noting that the country had learnt a big lesson on, over-dependence on a single commodity. According to him, "In other words, oil has failed us as a nation. Nigeria should retrace its step by going back to agriculture; the over-dependence on oil remained a shame and would continue to fail us as Africa's most populous country. Therefore, we must go back to the basics and the way out is to embrace agriculture. That is where our University should make a big difference, as a leading agricultural university in the country. The efforts of the Muhammadu Buhari-led administration to diversify the hitherto monolithic economy, is appropriate and welcome". The Obong who is also the Rex Maximus Calabaris and the Defender of Christian Faiths in Nigeria, urged the Federal Government to do more by investing resources in carrying out research, adding

that the University's researchers and academics should also seek for better ways of improving agricultural practices.

The Pro-Chancellor, Dr. (Barr.) Aboki Zhawa stated that the Combined Convocation Ceremonies was unique. Dr. Zhawa, who is also the Chairman of the University's Governing Council, said that he had a dream that by year 2020, more than half of the University's student population would be living on campus, adding that those without means to pay fees would also be able to do so. The Pro-Chancellor stated that the University would be cultivating part of its 10,000 hectares of land for commercial farming, adding that a blueprint was being prepared as a road map. He, therefore, appealed to the Visitor and the NUC to restore the College of Management Sciences (COLMAS), in order to meet the aspirations and yearnings of Nigerian citizens. He also cautioned people from working against the University.



***The Chancellor, His Eminence (Dr.) Edidem Ekpo Okon Abasi-Otu (V); wife, Princess Ansa; Acting Vice-Chancellor, Prof. Ololade Enikuomehin (Right); and Registrar, Dr. Bola Adekola at the occasion.***

The Acting Vice-Chancellor, Professor Ololade Enikuomehin, on his part, disclosed that the 2013/2014 Academic Session produced 71 First Class, 784 was 2nd Class Upper Division, 855 was 2nd Class Lower Division, 141 was 3rd Class and six had Pass Degree graduates, adding that the College of Agricultural Management and Rural Development (COLAMRUD), had 146 graduates; the College of Animal Science and Livestock Production (COLANIM), had 286 graduates, while the College of Engineering (COLENG), produced 77 graduates. Others were the College of Environmental Resource Management (COLERM), which had 245 graduates; the College of Food Science and Human Ecology (COLFHEC), 258 graduates; College of Natural Sciences (COLNAS), 497 graduates and the College of Veterinary Medicine (COLVET), 21 graduates, while the College of Plant Science and crop Production (COLPLANT), produced 351 graduates making 1,881 graduates.

The Acting Vice-Chancellor stated that in the 2014/2015 Academic Session produced 75 1st Class; 1,000 2nd Class Upper Division; 1,296 2nd Class Lower Division, 306 3rd Class and 19 Pass Degrees, stressing that the College of Agricultural Management and Rural Development (COLAMRUD), had 251 graduates; the College of Animal Science and Livestock Production (COLANIM), 454 graduates; the College of Engineering (COLENG), 115 graduates; while the College of Environmental Resource Management (COLERM), had 307 graduates. Others were the College of Food Science and Human Ecology (COLFHEC), which produced 254 graduates; College of Management Sciences (COLMAS), 364 graduates; College of Natural Sciences (COLNAS), 593 graduates and the College of Veterinary

Medicine (COLVET), 26 graduates, while the College of Plant Science and crop Production (COLPLANT), produced 367 graduates making 2,731 graduates.

Professor Enikuomihin had stated that in the 2015/2016 Academic Session, the University produced 57 1st Class; 1,094 2nd Class Upper Division; 1,451 2nd Class Lower Division; 381 3rd Class and seven Pass Degrees. According to him, the College of Agricultural Management and Rural Development (COLAMRUD), had 272 graduates; the College of Animal Science and Livestock Production (COLANIM), had 466 graduates; the College of Biosciences (COLBIOS), had 214 graduates; the College of Engineering (COLENG), produced 165 graduates, while the College of Environmental Resource Management (COLERM), had 342 graduates. He revealed that the College of Food Science and Human Ecology (COLFHEC) had 340 graduates, College of Management Sciences (COLMAS) had 470 graduates, College of Physical Sciences (COLPHYS) had 287 graduates; the College of Veterinary Medicine (COLVET) had 26 graduates, while the College of Plant Science and Crop Production (COLPLANT) produced 483 graduates, making 3,065 graduates for the session.

Highlighting the future plans of the University, the Acting Vice-Chancellor sought the executive approval of the Visitor for the establishment of the College of Health Sciences alongside the inauguration of the University Teaching Hospital Governing Board and the College of Law, in line with the Federal Government's diversification and expansion of specialised universities' operational boundaries, while making a strong case for the reconsideration of the Federal Government's policy that Universities of Agriculture should discontinue to run courses in the management sciences. According to him, "This portends negative omen for the staff and students of the University. It would not only reduce access to education, but would reduce the capacity of the affected universities to adequately contribute their quota to national development. Therefore, the Federal Government should reconsider its position on the matter in the best interest of the nation".

On the Treasury Single Account (TSA) policy, Professor Enikuomihin appealed for the exemption of federal universities from the scheme, noting that it became imperative in view of the difficulty being encountered by universities in the course of discharging their core duties, especially in research and the payment of salaries. He, however, congratulated all the graduating students for toiling very hard to make a huge success out of their several years of dedication, hard work, perseverance and determination, adding that as they go into the world, they should remember to be good ambassadors of the University.

The Executive Governor of Ogun State, Senator Ibikunle Amosun, at the occasion, stated that the government of Ogun State was proud to identify with the University, saying that the state was delighted that the University was back on track. Represented by the Secretary to the State Government, Barrister Taiwo Adeoluwa, the Governor pledged that the state would cooperate fully with the University to return to its place as the citadel of learning and scholarship. Senator Amosun said that the ceremony was about them and their achievements, while equally extolling the virtues of the Acting Vice-Chancellor for making out time, to come and see him personally to invite him to the ceremonies. He assured the University of the state government's support at encouraging agriculture and agribusiness.

The 2013/2014 Session had Mr. Besidonne, Charles Eyituoyo of the Department of Microbiology, College of Natural Sciences (COLNAS) as the Best Graduating Student with a Cumulative Grade Point Average (CGPA) of 4.93, while the 2014/2015 Session had Mr. Shittu, Remilekun Abduladi of the Department of Civil Engineering, College of Engineering (COLENG) as the Best Graduating Student with a CGPA of 4.84. The Best Graduating Student of the 2015/2016 Session was Mr. Lapite, Olumide Moses of the Department of Economics, College of Management Sciences (COLMAS), who had a CGPA of 4.88. Highpoint of the ceremonies was the investiture of the new Chancellor as well as conferment of Master's and Doctorate degrees to deserving students.

## 1.7 Obasanjo, Alake Express Confidence in FUNAAB's Vice-Chancellor.



***Former Nigerian President, Chief Olusegun Obasanjo (Right), congratulating the 6th substantive Vice-Chancellor, Prof. Felix Salako while the Pro-Chancellor, Dr. (Barr.) Aboki Zhawa watches in admiration.***

Former President Olusegun Obasanjo and the Paramount Ruler and Alake of Egbaland, HRM, Oba (Dr.) Adedotun Aremu Gbadebo have expressed implicit confidence in the ability of the new Vice-Chancellor of Federal University of Agriculture, Abeokuta (FUNAAB), Professor Kolawole Salako to take the institution to unprecedented heights.

Chief Obasanjo and Oba Gbadebo stated this in their goodwill messages marking the official Assumption of Duty Ceremony of the Sixth Substantive Vice-Chancellor of Federal University of Agriculture, Abeokuta (FUNAAB), Professor Felix Kolawole Salako.

The occasion held at the Ceremonial Building of the University had in attendance, former and substantive Principal Officers of the institution, royal fathers, erudite scholars and hundreds of other prominent Nigerians from all works of life.

Speaking at the occasion, Obasanjo in his goodwill message congratulated Professor Salako for being the University's Vice-Chancellor at this crucial period.



*The Paramount Ruler and Alake of Egbaland, HRM Oba (Dr.) Adedotun Aremu Gbadebo*

He expressed confidence that with his track records, he will definitely better the lots of the University.

Also in the Congratulatory Message he personally signed, the Paramount Ruler of Egbaland, said Professor Salako's track record speaks volume of his ability to make the University a model.

According to Alake of Egbaland, "I heartily felicitate with you because I am sure that FUNAAB environment is not a novelty to you. And being an active member of that Academic Community, you are in a better position to proffer solution to any attendant problem"

Oba Gbadebo stated further "Your consummate academic and cognate administrative experience gives me absolute confidence that you would be on top of the situation. No doubt, you have been tested and made of sterner stuff for your new position".

Also speaking at the official Assumption of Duty Ceremony, the University Pro-Chancellor and Chairman of Governing Council, Dr. (Barr.) Aboki Zhawa said the process for the selection of Professor Salako as Vice-Chancellor was transparent, fair and just.

He disclosed that Professor Salako emerged the best candidate because God chose him.

Dr. Zhawa assured the new Vice-Chancellor of the Governing Council's unflinching support and cooperation to succeed in office.

In his speech, the new Vice-Chancellor assured that he won't let down the guard of the University for it to be debased.

He charged members of the University Community to rise and remain standing for excellence, truth, professionalism, hardwork, productivity, punctuality, regularity, welfare and reward for noble achievement.

Earlier, the Vice-Chancellor upon resumption at exactly 8 a.m. to the office attended to mails and held a brief meeting with staff in his office. He commended them for their support to the immediate past administration and charged them to continue to give their best to the system in whatever capacity they were called to serve.



*Former President Olusegun Obasanjo (Right) in a hearty chat with the Pro-Chancellor and Chairman, Governing Council, Dr. (Barr.) Aboki Zhawa while the Vice-Chancellor (In suit), and well wishers watch with keen interest.*



*Professor Kolawole Salako attending to correspondence on his first official day in office as Vice-Chancellor*



*Children of the new Vice-Chancellor, Professor Kolawole Salako savouring the joy of celebration of assumption of duty of their father*



*Pioneer Vice-Chancellor, Professor Nurudeen Nimbe-Adedipe and Pioneer Registrar, Princess Bisi Shoboyejo exchanging banter at the celebration of assumption of office of the new Vice-Chancellor, Professor Kolawole Salako*



*Pro-Chancellor and Chairman, Governing Council, Dr. (Barr.) Aboki Zhawa presenting the Sixth Substantive Vice-Chancellor, Professor Kolawole Salako to stakeholders at the celebration of the latter's assumption of duty*

## 1.8 FUNAAB's New VC Gets Instrument of Office

The newly-appointed sixth substantive Vice-Chancellor of the Federal University of Agriculture, Abeokuta (FUNAAB), Professor Felix Kolawole Salako has received his instruments of office at a formal handing-over ceremony held at the Vice-Chancellor's Conference Room, assuring that he would be fair to all in office.



***Change of Baton: Out-gone Acting Vice-Chancellor, Professor Ololade Enikuomehin (Left), presenting instrument of office to the Sixth Substantive Vice-Chancellor of the Federal University of Agriculture, Abeokuta (FUNAAB), Professor Felix Kolawole Salako at the formal handing-over ceremony in the Vice-Chancellor's office.***

Professor Salako gave the assurance shortly after his predecessor, Professor Ololade Enikuomehin handed-over to him in the presence of Principal Officers and other top members of staff.

Speaking after the ceremony, the incoming Vice-Chancellor, Professor Felix Salako said that God has been with the University inspite of the recent crisis, noting that the Governing Council should be commended for mustering courage to appoint three Principal Officers in a flawless process within same period.

Professor Salako who is a Soil Physicist, said that his approach to administration would revolve around his core values which are justice and fairplay, adding that the productivity of staff would be of paramount interest to him. Professor Salako who celebrated his assumption of duty as the substantive Vice-Chancellor of the University on November 1, 2017, stated that his

administration would reward diligence and efficiency, stressing that all these could be achievable in the atmosphere of peace on campus.



*(L-R) The Bursar, Mr Chukwunwike Ezekpeazu; the DVC, Academic, Professor Oluyemisi Eromosele; out-gone Acting Vice-Chancellor, Professor Ololade Enikuomehin; Vice-Chancellor, Professor Felix Kolawole Salako; Registrar, Dr. Bola Adekola; University Librarian, Dr. Mulikat Salaam and the Deputy Registrar II, Office of the Vice-Chancellor, Mrs. Oluwatoyin Dawodu in a group photograph immediately after the handing-over ceremony at the Vice-Chancellor's office.*

Professor Salako who was the pioneer Director of the Centre for Community-Based Farming Scheme (COBFAS), stated that his administration would not lower the guard on the University's rules and regulations in relations to staff and students, saying that his administration would be compassionate when the need arose. He sought the cooperation of the University Community members in making his administration a success, adding however that people should not deliberately violate the rules and regulations of the University.

Reiterating his watchword which says, "Excellence cannot be compromised", the in-coming Vice-Chancellor who is also the Southwestern Nigeria Coordinator of African Cassava Agronomy Initiative (ACAI), noted that if excellence would not be compromised, the stakeholders must also join hands to provide an excellent administration.

His words: "I have the responsibility of the Vice-Chancellor to protect the interest of the University. I have the responsibility to ensure that staff are comfortable. That staff have what is due to them. That students have what is due to them". He stressed further that he has the responsibility to ensure that staff, students and other University community members work within the ambit of the University's rules and regulations, while striving not to violate the rights of other people.

Speaking at the event, the outgoing Acting Vice-Chancellor, Professor Ololade Enikuomehin, stated that it was a great opportunity in the annals of the University to be handing over to a more competent hand, adding that it was a formal handover of the authority of the Vice-Chancellor of the Federal University of Agriculture, Abeokuta (FUNAAB).



He said he had been privileged to be Acting Vice-Chancellor from May 24 to October 31, 2017, noting that the Governing Council had painstakingly gone through a selection process which had been widely adjudged the best in the history of the University.

His words: “What we are handing over today is not just the physical authority of the headship of this University, we are also handing over the spiritual authority over this University with the attendant benefit and the attendant blessings of the Almighty God.

Commenting on the voluminous handing over note alongside the insignia of authority which spans a period of five years and five months, he said it depicted the quality and value, the University represented as well as what would take the University further.

Present at the ceremony were the Deputy Vice-Chancellor, Academic, Professor Oluyemisi Eromosele; Registrar, Dr. Bola Adekola; Bursar, Mr. Chukwunwike Ezekpeazu; the University Librarian, Dr. Mulikat Salaam and the Deputy Registrar II, Office of the Vice-Chancellor, Mrs. Oluwatoyin Dawodu.

## 1.9 INAUGURAL LECTURE SCHEDULE FOR 2016/2017 ACADEMIC SESSION

1	COLANIM	PRM	Professor Olufemi ONIFADE	26th April,2017	<a href="#"><u>Grasses: Production and Management for Sustainable Livestock Industry</u></a>
2	COLPLANT	PPCP	Professor Kehinde Adebayo OKELEYE	8th November, 2017	<a href="#"><u>Food Security and Poverty Eradication Challenges in Nigeria: Agronomy to the Rescue</u></a>
3	COLERM	EMT	Professor Toyin A. Arowolo	29th November, 2017	<a href="#"><u>Environmental Degradation: Mortgaging Our Future for Today's Gain</u></a>

## How Animal Products Can Boost the Nation's Economy – Professor Onifade. 53<sup>RD</sup> INAUGURAL LECTURE

A Professor of Forage Agronomy and Utilisation and the immediate past Director, Centre for Entrepreneurial Studies (CENTS) of the University, Professor Olufemi Onifade, has revealed what the country should do, to increase local production of meat, milk, mutton, veal, hides, skin and other exports. According to the Don, what needs to be done is simply ensuring that the animals producing these products are adequately fed and well taken care of, as this would increase the quantity and quality of animal protein intake of the citizens and generate income for youths in the country.



*Prof. Olufemi Onifade, delivering the University's 53rd Inaugural Lecture*

Professor Onifade made the disclosure while delivering the 53rd Inaugural Lecture of the University titled, “Grasses: Production and Management for Sustainable Livestock Industry”, where he enumerated the importance of forage in the stabilisation of soil, serving as cover crop for erosion control, usage as pesticide, feed for ruminants and non-ruminants, medical and recreational activities, among others. Professor Onifade, who is of the Department of Pasture and Range Management, College of Animal Science and Livestock Production (COLANIM), observed that forage evaluation started long time ago in Nigeria, particularly in Northern Nigeria, where forage species were first evaluated in 1935, which led to the need to focus on pasture, grassland management and to establish more cooperation between livestock and traditional farmers. He noted that between 1956 and 1961, about 271 pasture species were evaluated at various centers in sub-humid zone and at the National Animal Production Research Institute (NAPRI).

He added that the livestock industry had contributed tremendously to national economy as the population of ruminant livestock in Nigeria, as at 2013, was estimated at 40,834,000 goats, 19,590,000 sheep and 16,286,000 cattle, adding that agricultural contribution to the nation's Gross Domestic Product (GDP) was 22 per cent, out of which livestock was 30 per cent. He said that many established pastures were not doing well and failed to last long, while calling for proper planning, identifying fertilizer needs, using of quality seed, land preparation, proper sowing method and proper management of weeds. The Don said that one of his contributions to knowledge was in the area of pasture seed industry for livestock production, noting that seed formed the foundation for the establishment of good pasture species as well as food and feed.

Professor Onifade, the Pioneer President, Society for Grassland Research and Development in Nigeria (SOGREDEN), observed that seed industries for food crop were already established in the country, while the pasture seed industry was yet to be adequately developed. He noted that presently, NAPRI and some private farms produce small quantities of pasture, which cannot meet the demand

in the country. He, therefore, called on the Federal Government to encourage domestic production of pasture seeds of adapted species by both private and public sectors. Professor Onifade, a former Dean, Student Affairs of the University, noted that if this was done, it would provide an avenue for employment, income generation for the unemployed youths and increase in foreign exchange earnings, among others.

The 53rd Inaugural Lecturer, who is also an alumnus of the Ahmadu Bello University, Zaria, concluded his lecture by calling for the training of technical officers in the College of Agriculture, to manage the range-land, noting that education and training were important factors in manpower development. The University Don observed that though the number of graduates with Bachelor of Agriculture, Master in Agriculture and Ph.D were increasing, they still fell below demand. He, therefore, called on the National Universities Commission (NUC), to facilitate the creation of at least, one Department of Pasture and Range Management in each geo-political zone of the country.

The Professor of Forage Agronomy and Utilization implored the government and other stakeholders to provide mechanised equipment like fenced paddock, tractors, mowers, choppers, blowers, hay balers and hay rakes, as they would go a long way in increasing feeds for livestock. He further called on state governments to assist in the renovation of the feed resource base to accommodate more livestock in order to reduce unwarranted movement and a number of animals seeking for greener pastures.

Speaking at the occasion, the Vice-Chancellor, Professor Olusola Oyewole, disclosed that the Inaugural Lecturer was the third to present a lecture in the discipline of Forage Agronomy and Utilization in Nigeria, the ninth lecture from the College of Animal Science and Livestock Production (COLANIM), the first to be presented from the Department of Pasture and Range Management and the 18th he would preside over as the Vice-Chancellor of FUNAAB. According to the Vice-Chancellor, the Inaugural Lecturer is an erudite scholar, who had published over 40 articles in local and international journals, as well as over 30 articles in refereed conference proceedings and workshops. He has also supervised more than 90 undergraduate projects, 20 M. Agric. Dissertations and 4 Ph.D Theses. Present at the Inaugural Lecture were notable personalities from all walks of life.

## **FUNAAB's 54 INAUGURAL LECTURE: Prof. Okeleye Tackles Food Insecurity**



***Prof. Kehinde Okeleye making salient point while delivering the University's 54th Inaugural Lecture.***

Radical transformation of Nigeria's food system has been proffered as solution to food insecurity and poverty eradication.

A Professor of Cropping System, Professor Kehinde Okeleye disclosed this while delivering the 54th Inaugural Lecture of the University, held at FUNAAB Ceremonial Building titled, "Food Security and Poverty Eradication Challenges in Nigeria: Agronomy to the Rescue". Professor Okeleye called for thorough transformation of Nigeria's food system through massive production of food crops and numerous value chains associated with each commodity, in order to achieve food security and poverty eradication.



***Prof. Kehinde Okeleye making salient point while delivering the University's 54th Inaugural Lecture.***

The Inaugural Lecturer who was a former Director, Academic Planning Unit of the University, identified some constraints to adequate food production in Nigeria, stating that they include non availability of water, insufficient sunlight, soil as a factor in crop production, soil fertility management, instability of agricultural policies, among others. He observed that the recent policy on domestic rice production had been threatened by political interest, corruption, as well as abuse of fiscal incentives. Professor Okeleye noted that the intervention funds targeted at promoting agriculture with special low interest loans are being diverted by influential players while genuine

farmers are left out.



***Across-section of academic staff at the Inaugural Lecture***

According to him, mechanised farming which would reduce drudgery in farming was still elusive to most farmers, pointing out that lack of rural infrastructure like good roads, pipe-borne water, electricity, irrigation and other amenities to make farming in the villages attractive were still below expectation.

On his contributions to knowledge, the Inaugural Lecturer disclosed that the areas included identification and finding solution to yield problems of some basic food crops like cassava, maize, cowpea and rice. According to him, cassava was compatible with most food and industrial crops in the cropping system in Nigeria and all ecozones in the sub-region.

He further added that through collaboration with International Institute of Tropical Agriculture (IITA) and National Agricultural Research Institutes (NARIS), they were able to evaluate many varieties of cowpea for adaptability to different environment, grain yield, yield stability and productivity in the humid South West, Nigeria.

The Lecturer, who is of the Department of Plant Physiology and Crop Production (PP & CP), College of Plant Science and Crop Production (COLPLANT) also identified four major cropping systems to include Alley cropping, Intercropping, Mono-cropping and the Taungya, noting that the Taungya is when food crop is grown within the spaces between tree crops.

Professor Okeleye gave a number of far-reaching recommendations that could assist in the country's drive for food security and poverty eradication. These include increase in productivity by encouraging mechanised farming, saying that farmers should be encouraged to group themselves into production cooperatives, in order to pool their resources together for mechanisation with the help of

extension workers.



*former Vice-Chancellor, Crescent University, Abeokuta, Prof. Kehinde Okeleye (2nd Right), while the Vice-Chancellor, FUNAAB, Prof. Kolawole Salako (Right) and other top officials of Crescent University watch with keen interest.*

He also called on Government to fund Research and Development which would spur key innovations, while rural infrastructures should be seriously improved so that young farmers would be attracted to farm, to remain and practice farming.

He called for funding of extension units like Agricultural Media Resources and Extension Centre (AMREC), saying that they should be funded directly by Federal Government so that research output can get to the farmers easily, adding that they should be upgraded to the status of institutes.

Professor Okeleye also requested that subsidised credit facilities should be provided for agricultural business and large scale farming.

Speaking at the occasion, the Vice-Chancellor, Professor Kolawole Salako, disclosed that the Inaugural Lecture was the second to be delivered from the Department of Plant Physiology and Crop Production, the 10th from the College of Plant Science and Crop Production (COLPLANT) and the first that he was presiding over as Chairman since his assumption of office as the Sixth Substantive Vice-Chancellor of the University.

The occasion was well attended by dignitaries from all walks of life. They include the Olowu of Owu Kingdom, Oba Adegboyega Dosumu represented by the Akogun of Owu Kingdom, Chief Raubil Akinsipo; Chief Medical Director (CMD), Federal Medical Centre (FMC), Abeokuta, Professor Adewale Musa; former Deputy Vice Chancellor and pioneer Dean, COLPLANT, Professor Timothy Tayo; the pioneer University Librarian, Dr Taofiq Salisu and members of staff of Crescent

University, led by the Vice-Chancellor, Professor Ibrahim Gbajabiamila.



*The Vice-Chancellor, Prof. Kolawole Salako (Left), reading the citation of the 54th Inaugural Lecturer, Prof. Kehinde Okeleye.*

Making a presentation to the Inaugural Lecturer on behalf of the Proprietor of Crescent University, The Vice-Chancellor, Prince Bola Ajibola, Professor Gbajabiamila appreciated Professor Okeleye for a job well done during his tenure as the Vice-Chancellor of Crescent University, disclosing that upon assumption of office, only two programmes were accredited in the University but by the time he was leaving 17 programmes had been accredited.

#### 1.10 FUNAAB Elevates Eight as Professors, Promotes 13 as Readers



*Ayodele Adebisi,  
Professor of Seed Science,  
COLPLANT*



*Abimbola Ladokun,  
Professor of Reproductive Physiology,  
COLANIM*



*Salami Ismaila,  
Professor of Mechanical  
Engineering (Ergonomics),*



*Adetoun Amubode,  
Professor of Clothing and  
Textiles, COLFHEC*



*Chukwuma Ufoegbunu,  
Professor of Agrometeorology,  
COLERM*



*Lawrence Arogundade,  
Professor of Applied  
Chemistry, COLPHYS*



*Olajide Olowofeso,  
Professor of Animal Genetics  
and Biotechnology,  
COLANIM*



*Sunday Adigbo,  
Professor of Agronomy and  
Cropping System, COLPLANT*



The University has appointed eight academic staff as Professors, while another 13 have now been elevated as Readers. The Governing Council, at its 95th Statutory Meeting, approved the promotions with effect from October 1, 2016. The concerned staff are from the College of Food Science and Human Ecology (COLFHEC), College of Plant Science and Crop Production (COLPLANT), College of Engineering (COLENG), College of Animal Science and Livestock Production (COLANIM), College of Environmental Resources Management (COLERM), College of Physical Sciences (COLPHYS), College of Agricultural Management and Rural Development (COLAMRUD), as well as the College of Veterinary Medicine (COLVET). Beneficiaries are:



*Ayodele Adebisi,  
Professor of Seed Science,  
COLPLANT*



*Abimbola Ladokun,  
Professor of Reproductive Physiology,  
COLANIM*



*Salami Iyemala,  
Professor of Mechanical  
Engineering (Ergonomics),*



*Adetoun Amubode,  
Professor of Clothing and  
Textiles, COLFHEC*



*Chukwuma Ufoegbunu,  
Professor of Agrometeorology,  
COLERM*



*Lawrence Arogundade,  
Professor of Applied  
Chemistry, COLPHYS*



*Olajide Olowofeso,  
Professor of Animal Genetics  
and Biotechnology,  
COLANIM*



*Sunday Adigbo,  
Professor of Agronomy and  
Cropping System, COLPLANT*

**1.11 DEANS OF COLLEGES AND DIRECTORS OF ACADEMIC CENTRES.**



**PROFESSOR A.O. DIPEOLU**  
**DEAN, COLAMRUD.**



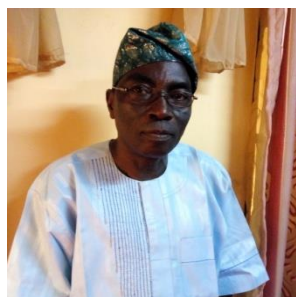
**PROFESSOR O.O. OLUWATOSIN**  
**DEAN, COLANIM**



**PROFESSOR O.A. AKINLOYE**  
**DEAN, COLBIOS**



**PROFESSOR J.K. ADEWUMI**  
**DEAN, COLENG**



**PROFESSOR M.A. IDOWU**  
**DEAN, COLFHEC**



**PROFESSOR A.O. SALAMI**  
**DEAN, COLMAS**



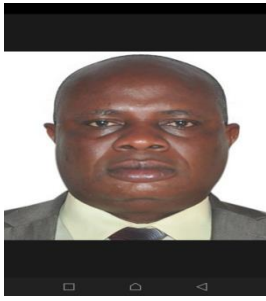
**PROFESSOR A.O. MUSTAPHA**  
**DEAN, COLPHYS**



**PROFESSOR C.O. ADEOFUN**  
**DEAN, COLERM**



**PROFESSOR M. ATAYESE**  
**DEAN, COLPLANT**



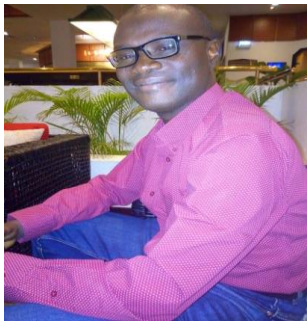
**PROFESSOR A.O. AKINLOYE**  
**DEAN, COLVERT.**



**DR. S. ADEWUYI**  
**DIRECTOR, CENIP**



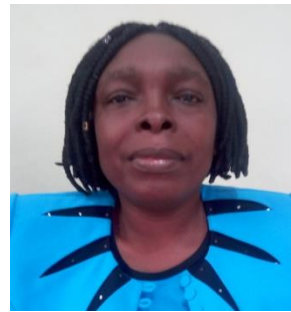
**PROFESSOR A.O. DIPEOLU**  
**DIRECTOR, CENTS**



**PROFESSOR K. ADEBAYO**  
**DIRECTOR, DGM**



**PROFESSOR (Mrs) G.O. SOKOYA**  
**DIRECTOR, SIWES**



**PROFESSOR (Mrs) B.O. OLUWATOSIN**  
**DIRECTOR, IFSERAR**



**PROFESSOR O.D. AKINYEMI**  
**DIRECTOR, CEADSE**



**PROFESSOR E.O. FAKOYA**  
**DIRECTOR, COBFAS**



**PROFESSOR A.A.A. AGBOOLA**  
**DIRECTOR, ICTREC**



**PROFESSOR O.M. ARIGBEDE**

**DIRECTOR, INHURD**



**PROFESSOR O.J. ADENIRAN**

**DIRECTOR, ACADEMIC PLANNING**



*The Director, Biotechnology Centre,  
Dr. Olusegun Obadina*

**DR. O. OBADINA**

**DIRECTOR, BIOTECH CENTRE**



*Dean, Student Affairs Division, Prof. Babatunde Idowu reading riot act to  
whoever want to take advantage of any student*

**PROFESSOR A.B. IDOWU**

**DEAN, STUDENT AFFAIRS**

## CHAPTER 2

### 2.0 STUDENTS ENROLMENT, GRADUATION AND STAFFING PROFILE

Undergraduate Students'  
Enrolment 2016/2017 Academic  
Session

COLLEGE/DEPARTME	100			20			30			40			5			6			T		G
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	
<b>COLLEGE OF AGRIC.</b>																					
Department of Agricultural	64	48	1	64	3	97	72	35	10	63	44	10	7	5	12	0	0	0			0
Department of Agricultural	63	55	1	56	4	10	64	32	96	74	35	10	9	4	13	0	0	0			0
Department of Agricultural	57	42	9	48	3	85	59	15	74	44	47	91	8	3	12	0	0	0			0
Department of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub-Total</b>	<b>184</b>	<b>14</b>	<b>3</b>	<b>16</b>	<b>1</b>	<b>28</b>	<b>19</b>	<b>82</b>	<b>27</b>	<b>18</b>	<b>12</b>	<b>30</b>	<b>2</b>	<b>1</b>	<b>38</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>COLLEGE OF ANIMAL</b>																					
Department of Animal	67	23	9	55	2	81	41	46	87	47	45	92	9	5	14	0	0	0			0
Department of Animal	61	41	1	67	3	10	52	32	84	58	44	10	6	6	13	0	0	0			0
Department Animal	50	22	7	30	3	67	44	37	81	42	43	85	8	5	14	0	0	0			0
Department of Animal	76	31	1	82	2	10	70	30	10	65	26	91	1	3	14	0	0	0			0
Department of Pasture and	50	48	9	61	2	82	38	38	76	49	41	90	6	6	13	0	0	0			0
<b>Sub-Total</b>	<b>304</b>	<b>16</b>	<b>4</b>	<b>29</b>	<b>1</b>	<b>44</b>	<b>24</b>	<b>18</b>	<b>42</b>	<b>26</b>	<b>19</b>	<b>46</b>	<b>4</b>	<b>2</b>	<b>70</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>COLLEGE OF PLANT</b>																					
Department of Crop	53	51	1	54	1	70	46	18	64	38	46	84	6	6	12	0	0	0			0
Department of Horticulture	35	35	7	50	2	70	27	22	49	33	48	81	9	2	11	0	0	0			0
Department of Plant	28	44	7	63	2	83	49	19	68	43	40	83	7	5	12	0	0	0			0
Department of Plant	45	37	8	53	2	77	46	26	72	46	27	73	7	3	10	0	0	0			0
Department of Soil Science	54	44	9	84	7	91	65	17	82	44	38	82	1	1	13	0	0	0			0
<b>Sub-Total</b>	<b>215</b>	<b>21</b>	<b>4</b>	<b>30</b>	<b>8</b>	<b>39</b>	<b>23</b>	<b>10</b>	<b>33</b>	<b>20</b>	<b>19</b>	<b>40</b>	<b>4</b>	<b>1</b>	<b>61</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>COLLEGE OF FOOD</b>																					
Department of Food	13	54	6	15	6	79	23	54	77	40	45	85	3	7	11	0	0	0			0
Department of Home	6	61	6	7	4	47	26	61	87	30	67	97			0	0	0	0			0
Department of Hospitality	15	39	5	21	4	67	11	59	70	17	54	71	2	6	90	0	0	0			0
Department of Nutrition	7	50	5	11	7	87	11	63	74	20	67	87	0	0	0	0	0	0			0
<b>Sub-Total</b>	<b>41</b>	<b>20</b>	<b>2</b>	<b>54</b>	<b>2</b>	<b>28</b>	<b>71</b>	<b>23</b>	<b>30</b>	<b>10</b>	<b>23</b>	<b>34</b>	<b>6</b>	<b>1</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>COLLEGE OF</b>																					
Department of	28	56	8	40	5	90	38	48	86	51	59	11	0	0	0	0	0	0			0
Department of	31	55	8	38	5	95	38	62	10	49	79	12	0	0	0	0	0	0			0
Department of Pure and	23	29	5	24	3	55	20	22	42	15	44	59	0	0	0	0	0	0			0
Department of Pure and	18	33	5	16	3	47	17	22	39	31	32	63	0	0	0	0	0	0			0
<b>Sub-Total</b>	<b>100</b>	<b>17</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>28</b>	<b>11</b>	<b>15</b>	<b>26</b>	<b>14</b>	<b>21</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>COLLEGE OF</b>																					
Department of Chemistry	39	35	7	44	4	90	52	30	82	70	49	11	0	0	0	0	0	0			0
Department of Computer	70	23	9	82	1	94	64	22	86	81	30	11	0	0	0	0	0	0			0
Department of Mathematics	52	14	6	68	1	81	47	14	61	96	22	11	0	0	0	0	0	0			0
Department of Physics	84	6	9	82	9	91	66	10	76	94	8	10	0	0	0	0	0	0			0
Department of Statistics	56	17	7	64	1	78	40	17	57	89	15	10	0	0	0	0	0	0			0
<b>Sub-Total</b>	<b>301</b>	<b>95</b>	<b>3</b>	<b>34</b>	<b>9</b>	<b>43</b>	<b>26</b>	<b>93</b>	<b>36</b>	<b>43</b>	<b>12</b>	<b>55</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>COLLEGE OF</b>																					
Department of Aquaculture	42	45	8	57	4	10	45	40	85	44	52	96	6	4	10	0	0	0			0
Department of	50	39	8	40	4	89	42	44	86	45	41	86	4	4	86	0	0	0			0
Department of Forestry and	52	32	8	77	1	89	54	12	66	44	55	99	7	2	10	0	0	0			0
Department of Water	61	12	7	75	5	80	65	8	73	80	16	96	8	1	99	0	0	0			0
<b>Sub-Total</b>	<b>205</b>	<b>12</b>	<b>3</b>	<b>24</b>	<b>1</b>	<b>35</b>	<b>20</b>	<b>10</b>	<b>31</b>	<b>21</b>	<b>16</b>	<b>37</b>	<b>2</b>	<b>1</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>COLLEGE OF</b>																					
Department of Agricultural	34	2	3	35	1	36	31	8	39	35	8	43	3	5	44	0	0	0			0
Department of Civil	34	4	3	38	1	39	31	5	36	38	3	41	4	0	44	0	0	0			0
Department of Electrical	32	2	3	42	2	44	34	7	41	36	4	40	4	3	51	0	0	0			0

Department of Mechanical	34	1	3	40	3	43	35	3	38	37	3	40	4	0	45	0	0	0			0
Department of Mechatronic	38	0	3	36	7	43	30	1	31			0			0	0	0	0			0
<b>Sub-Total</b>	<b>172</b>	<b>9</b>	<b>1</b>	<b>19</b>	<b>1</b>	<b>20</b>	<b>16</b>	<b>24</b>	<b>18</b>	<b>14</b>	<b>18</b>	<b>16</b>	<b>1</b>	<b>8</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>COLLEGE OF</b>																					
Department of Accounting	43	69	1	88	7	16	47	81	12	67	90	15				0	0	0			0
Department of Banking and	57	74	1	66	7	13	42	59	10	53	70	12	0	0	0	0	0	0			0
Department of Business	50	65	1	59	8	14	68	62	13	69	87	15	0	0	0	0	0	0			0
Department of Economics	54	56	1	79	7	14	63	56	11	69	58	12	0	0	0	0	0	0			0
Department of	61	68	1	58	8	14	45	74	11	88	84	17	0	0	0	0	0	0			0
<b>Sub-Total</b>	<b>265</b>	<b>33</b>	<b>5</b>	<b>35</b>	<b>3</b>	<b>73</b>	<b>26</b>	<b>33</b>	<b>59</b>	<b>34</b>	<b>38</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>COLLEGE OF</b>																					
Veterinary Medicine	20	16	3	27	1	39	23	11	34	20	14	34	2	1	39	3	1	4			0
<b>GRAND TOTAL</b>	<b>1,8</b>	<b>1,</b>	<b>3</b>	<b>2,</b>	<b>1</b>	<b>3,4</b>	<b>1,7</b>	<b>1,3</b>	<b>3,</b>	<b>2,0</b>	<b>1,6</b>	<b>3,7</b>	<b>1,</b>	<b>8</b>	<b>2,5</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>1</b>

2.1 POSTGRADUATE SCHOOL ENROLMENT STATISTICS 2016/2017

S	Co	Full-Time											Part-Time											GR AN						
		P		Mas		Profesi		M.Phil		Ph.D		SUB-TOTAL			PGD		Mas		Profe		M.Phil		Ph.D		SUB-TOTAL					
		M	F	M	F	M	F	M	F	M	F	M	F	Tot	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T	
1	AE	0	0	1	1	0	0	1	7	8	8	3	2	59	0	0	0	0	31	1	0	0	0	1	3	1	4	106		
2	AE	2	4	2	1	0	0	1	3	3	5	4	3	72	0	0	0	0	0	0	0	0	1	0	1	0	1	73		
3	AG	1	1	1	8	0	0	1	1	0	0	1	1	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24		
4	CG	5	2	1	2	0	0	8	3	0	1	3	3	62	0	0	0	0	0	0	0	0	0	1	0	1	1	63		
	Su	8	7	7	6	0	0	3	14	1	14	1	9	217	0	0	0	0	31	1	0	0	1	1	3	1	4	265		
	CO																													
1	AB	0	0	1	7	0	0	0	0	5	1	1	8	27	0	0	0	0	0	0	0	0	1	0	1	0	1	28		
5	AN	0	0	1	9	0	0	1	0	5	3	2	1	35	0	0	0	0	0	0	0	0	0	0	0	0	0	35		
3	AN	0	0	9	5	0	0	1	1	0	0	1	6	16	0	0	0	0	0	0	0	0	0	0	0	0	0	16		
4	AP	0	0	1	8	0	0	1	0	7	3	2	1	32	0	0	0	0	0	0	0	0	1	1	1	1	2	34		
5	PR	0	0	5	2	0	0	0	0	0	0	5	2	7	0	0	0	0	0	0	0	0	1	0	1	0	1	8		
	Su	0	0	5	3	0	0	3	1	1	7	7	3	117	0	0	0	0	0	0	0	0	3	1	3	1	4	121		
	CO																													
1	BC	0	0	1	1	0	0	4	5	2	3	2	2	50	0	0	0	0	0	0	0	0	1	0	1	1	1	51		
2	PA	0	0	4	9	0	0	0	1	1	4	5	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19		
3	PA	0	0	7	1	0	0	1	3	6	2	1	1	33	0	0	0	0	0	0	0	0	1	1	1	1	2	35		
4	M	0	0	2	4	0	0	1	3	5	10	3	5	89	0	0	0	0	0	0	0	0	1	0	1	1	1	90		
	Su	0	0	5	8	0	0	6	12	1	19	7	1	191	0	0	0	0	0	0	0	0	1	3	1	3	4	195		
	CO																													
1	AG	1	0	1	1	0	0	1	0	5	0	1	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20		
2	CV	0	0	3	1	0	0	1	0	3	0	7	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8		
3	EL	0	0	0	0	0	0	0	1	7	1	7	2	9	0	0	0	0	0	0	0	0	1	0	1	0	1	10		
4	M	0	0	8	1	0	0	4	0	1	1	2	2	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26		
	Su	1	0	2	3	0	0	6	1	2	2	5	6	63	0	0	0	0	0	0	0	0	1	0	1	0	1	64		
	CO																													
1	AQ	0	0	1	8	0	0	3	1	4	4	1	1	32	0	0	0	0	0	0	0	0	1	0	1	0	1	33		
2	E	0	0	2	1	0	0	7	4	8	8	3	2	60	0	0	0	0	10	9	0	0	0	0	1	9	1	79		
3	F	0	0	1	5	0	0	4	3	1	1	2	9	29	0	0	0	0	0	0	0	0	1	0	1	0	1	30		
3	W	0	0	9	1	0	0	3	0	0	0	1	1	13	0	0	0	0	0	0	0	0	1	0	1	0	1	14		
	Su	0	0	5	2	0	0	1	8	1	13	8	4	134	0	0	0	0	10	9	0	0	3	0	1	9	2	156		
	CO																													
1	FS	0	0	1	2	0	0	2	1	5	12	2	3	56	0	0	0	0	0	0	0	0	1	0	1	1	1	57		
2	HS	0	0	1	1	0	0	1	1	0	2	2	1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	16		
3	N	0	0	5	2	0	0	1	3	1	6	7	3	38	0	0	0	0	0	0	0	0	1	2	1	2	3	41		
	Su	0	0	1	5	0	0	4	5	6	20	2	8	110	0	0	0	0	0	0	0	0	1	3	1	3	4	114		
	CO																													
1	CH	0	0	1	5	0	0	7	5	3	2	2	1	33	0	0	0	0	0	0	0	0	0	0	0	0	0	33		
2	CS	0	0	1	1	0	0	4	1	1	4	3	2	52	1	2	0	0	7	2	0	0	0	0	1	4	2	74		
3	M	0	0	2	2	0	0	4	0	1	0	7	2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9		
4	PH	0	0	2	3	0	0	1	2	1	0	4	5	45	0	0	0	0	0	0	0	0	0	0	0	0	0	45		
5	ST	0	0	2	9	0	0	1	0	1	0	2	9	31	3	3	0	0	0	0	0	0	0	0	3	3	6	37		
	Su	0	0	6	3	0	0	2	8	2	6	1	5	170	1	5	0	0	7	2	0	0	0	0	2	7	2	198		
	CO																													
1	CP	0	2	1	4	0	0	0	5	5	6	1	1	34	0	0	0	0	0	0	0	0	1	0	1	1	1	35		
2	HR	0	0	5	4	0	0	0	1	1	1	6	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12		
3	PB	2	1	1	1	0	0	1	2	2	2	1	1	37	0	0	0	0	0	0	0	0	1	3	1	3	4	41		
4	PP	0	1	8	5	0	0	0	1	7	2	1	9	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24		
5	SS	2	3	1	7	0	0	4	1	4	5	2	1	42	0	0	0	0	0	0	0	0	0	0	0	0	0	42		
	Su	4	7	5	3	0	0	5	10	1	16	8	6	149	0	0	0	0	0	0	0	0	1	4	1	4	5	154		
	CO																													
	VE	0	0	6	3	0	0	1	0	1	2	8	5	13	0	0	0	0	0	0	0	0	1	0	1	0	1	14		
		1	1	4	3	0	0	9	59	1	99	6	5	116	1	5	0	0	48	2	0	0	12	1	7	4	1	128		

**2.2 OUTPUT OF GRADUANDS FROM THE POSTGRADUATE SCHOOL DURING 2016/2017 ACADEMIC SESSION**

	<b>Ph.D.</b>	<b>Masters</b>	<b>Total</b>
<b><u>COLAMRUD</u></b>			
Agric. Admin.	0	0	0
Agric. Econs and Farm Mgt.	4	30	34
Agric. Ext. and Rural Dev.	6	19	25
Comm. And Gen. Studies	0	5	5
<b><i>Sub-Total</i></b>	<b><i>10</i></b>	<b><i>54</i></b>	<b><i>64</i></b>
<b><u>COLANIM</u></b>			
Animal Breeding and Genetics	3	13	16
Animal Nutrition	1	12	13
Animal Physiology	3	15	18
Animal Prod. And Health	5	24	29
Pasture and Range Mgt.	2	14	16
<b><i>Sub-Total</i></b>	<b><i>14</i></b>	<b><i>78</i></b>	<b><i>92</i></b>
<b><u>COLBIOS</u></b>			
Biochemistry	2	4	6
Microbiology	4	37	41
Pure and Applied Botany	1	4	5
Pure and Applied Zoology	1	8	9
<b><i>Sub-Total</i></b>	<b><i>8</i></b>	<b><i>53</i></b>	<b><i>61</i></b>
<b><u>COLENG</u></b>			
Agric. Engineering	0	13	13
Civil Engineering	1	4	5
Electrical Engineering	0	1	1
Mechanical Engineering	7	11	18



	<b>Ph.D.</b>	<b>Masters</b>	<b>Total</b>
<b><i>Sub-Total</i></b>	<b>8</b>	<b>29</b>	<b>37</b>
<b><u>COLERM</u></b>			
Aquaculture and Fish Mgt.	3	8	11
Env. Mgt. and Toxicology	3	15	18
Forestry and Wildlife Mgt.	9	1	10
Water Resources and Mgt. Agromet.	1	8	9
<b><i>Sub-Total</i></b>	<b>16</b>	<b>32</b>	<b>48</b>
<b><u>COLFHEC</u></b>			
Food Science and Technology	4	23	27
Home Science and Mgt.	1	8	9
Nutrition and Dietetics	1	12	13
<b><i>Sub-Total</i></b>	<b>6</b>	<b>43</b>	<b>49</b>
<b><u>COLPHYS</u></b>			
Chemistry	3	27	30
Computer Science	3	10	13
Mathematics	1	1	2
Physics	9	10	19
Statistics	0	11	11
<b><i>Sub-Total</i></b>	<b>16</b>	<b>59</b>	<b>75</b>
<b><u>COLPLANT</u></b>			
Crop Protection	2	9	11
Horticulture	2	9	11
Plant Breeding and Seed Techn.	5	7	12
Plant Physiology and Crop Prod.	1	12	13
Soil Science and Land Mgt.	3	6	9
<b><i>Sub-Total</i></b>	<b>13</b>	<b>43</b>	<b>56</b>
<b><u>COLVET</u></b>			
Vet. Medicine and Surgery	1	3	4
Vet. Microb. And Parasitology	0	0	0
Vet. Pathology	1	1	2

	<b>Ph.D.</b>	<b>Masters</b>	<b>Total</b>
Vet. Public Health and Reprod.	0	0	0
<i>Sub-Total</i>	<i>2</i>	<i>4</i>	<i>6</i>
<b>Grand Total</b>	<b>92</b>	<b>395</b>	<b>487</b>

### 2.3 STAFF PROFILLING

<b>CATEGORY</b>	<b>M</b>	<b>F</b>	<b>TOTAL</b>	<b>PERCENTAGE</b>
<b>Academic</b>	<b>428</b>	<b>164</b>	<b>592</b>	<b>25.40%</b>
<b>Senior Non-Teaching(Administrative)</b>	<b>104</b>	<b>95</b>	<b>199</b>	<b>8.50%</b>
<b>Senior Non-Teaching(Secretarial)</b>	<b>17</b>	<b>124</b>	<b>141</b>	<b>6.10%</b>
<b>Senior Non-Teaching(Technical)</b>	<b>492</b>	<b>226</b>	<b>718</b>	<b>30.80%</b>
<b>Junior Non-Teaching</b>	<b>58</b>	<b>57</b>	<b>115</b>	<b>4.90%</b>
<b>Junior Non-Teaching, (Secretariat)</b>	<b>5</b>	<b>16</b>	<b>21</b>	<b>0.90%</b>
<b>Junior Non-Teaching, (Technical)</b>	<b>463</b>	<b>84</b>	<b>547</b>	<b>23.40%</b>
<b>TOTAL</b>	<b>1567</b>	<b>766</b>	<b>2333</b>	<b>100%</b>

YEAR	CATEGORY	MALE	FEMALE	TOTAL	PERCENT
2014	Academic	411	155	566	26%
	Senior Non-Teaching,	80	76	156	7%
	Senior Non-Teaching,	22	115	137	6%
	Senior Non-Teaching, (Technical)	418	208	626	29%
	Junior Non-Teaching,	57	63	120	5%
	Junior Non-Teaching,	3	15	18	1%
	Junior Non-Teaching, (Technical)	430	127	557	25%
	<b>TOTAL</b>	<b>1,421</b>	<b>759</b>	<b>2,180</b>	<b>100%</b>
2015	Academic	413	153	566	24.7%
	Senior Non-Teaching,	73	79	152	6.6%
	Senior Non-Teaching,	18	118	136	5.9%
	Senior Non-Teaching, (Technical)	449	208	657	28.6%
	Junior Non-Teaching,	57	57	114	5%
	Junior Non-Teaching,	1	6	7	0.3%
	Junior Non-Teaching, (Technical)	535	129	664	28.9%
	<b>TOTAL</b>	<b>1546</b>	<b>750</b>	<b>2296</b>	<b>100%</b>
2016	Academic	407	149	556	24.1%
	Senior Non-Teaching,	103	85	188	8.2%
	Senior Non-Teaching,	18	139	157	6.8%
	Senior Non-Teaching, (Technical)	478	220	698	30.3%
	Junior Non-Teaching,	47	46	93	4.1%
	Junior Non-Teaching,	5	6	11	0.5
	Junior Non-Teaching, (Technical)	488	112	600	26%
	<b>TOTAL</b>	<b>1546</b>	<b>757</b>	<b>2303</b>	<b>100%</b>
2017	Academic	428	164	592	25.4%
	Senior Non-Teaching,	104	95	199	8.5%
	Senior Non-Teaching,	17	124	141	6.1%
	Senior Non-Teaching, (Technical)	492	226	718	30.8%
	Junior Non-Teaching,	58	57	115	4.9%
	Junior Non-Teaching,	5	16	21	0.9%
	Junior Non-Teaching, (Technical)	463	84	547	23.4%
	<b>TOTAL</b>	<b>1567</b>	<b>766</b>	<b>2333</b>	<b>100%</b>

## 2.4 PART-TIME ENROLMENT

### Student Enrolment for 2016/2017 Session

COLLEGE	100L	200L	300L	400L	500L	600L	FNG 1	FNG 2	TOTAL
COLAMRUD	13	7	3	12	4	14	5	1	59
COLANIM	-	-	-	12	22	22	17	3	76
COLBIOS	15	3	-	2	17	-	8	2	47
COLERM	4	12	5	9	19	25	9	-	83
COLFHEC	11	20	9	13	20	11	6	-	90
COLPHYS	17	23	11	21	33	-	9	1	115
COLPLANT	3	4	1	5	14	21	4		52
<b>TOTAL</b>	<b>64</b>	<b>70</b>	<b>29</b>	<b>74</b>	<b>129</b>	<b>93</b>	<b>58</b>	<b>7</b>	<b>522</b>

## CHAPTER 3

### 3.0 RESEARCH AND EXTENSION SERVICES

#### FEDERAL UNIVERSITY OF AGRICULTURE, ABEOKUTA POSTGRADUATE SCHOOL

#### HIGHER DEGREE GRADUANDS – 2015/2016 ACADEMIC SESSION

#### A. DOCTOR OF PHILOSOPHY (Ph.D.)

#### 3.1 COLLEGE OF AGRICULTURAL MANAGEMENT AND RURAL DEVELOPMENT

##### *Department of Agricultural Economics and Farm Management*

##### Ph.D. (Agricultural Economics and Farm Management)

DARE Alaba Modupe

**Thesis:** Access to Safe Water, Sanitation and Incidence of Water-Borne Diseases among Rural Households in Southwest Nigeria

**Supervisor:** Professor I. A. Ayinde

TOLORUNJU Esther Toluwalope

**Thesis:** Socio-Economic Effects of Domestic Remittances on Rural Households in South-West, Nigeria

**Supervisor:** Professor A. O. Dipeolu

LAWAL Mojeed Kolawole

**Thesis:** Social Capital Microcredit and Rural Household Poverty Status in North-Central Nigeria

**Supervisor:** Professor S. Momoh

OBASAN Tawakalitu Abimbola

**Thesis:** Food Security Assessment and Optimal Food Consumption Plan for Rural Households in Ogun State, Nigeria

**Supervisor:** Dr. L.O. Okojie

##### *Department of Agricultural Extension and Rural Development*

##### Ph.D. (Agricultural Extension and Rural Development)

ADEKOYA Adeyemi

**Thesis:** Determinants of Fish Farmers' Adoption of Improved Hatchery Practices in Lagos State, Nigeria

**Supervisor:** Professor E.O. Fakoya

ADIGUN James Kehinde

**Thesis:** Assessment of Farmers' Utilization of Improved Cultural Management Practices for Quality Cocoa Production in South-West Nigeria

**Supervisor:** Dr. (Mrs.) O. R. Ashimolowo

AGBONTALE Agnes Omoneimi

**Thesis:** Lifestyle Changes, Food Intake and Nutritional Status of Settled Pastoral Fulani Households in North-Central Nigeria

**Supervisor:** Professor A. M. Omotayo

UMUNNA Mathias Ofonedu

**Thesis:** Comparative Study of Livelihoods among Households, Land-use and Land Cover Change in Surrounding Communities of Kanji Lake National Park, Nigeria

**Supervisor:** Professor A. M. Omotayo

**Ph.D. (Agricultural Communication)**

OOSE Matthew Olalekan

**Thesis:** Acceptability of Short Message Services for Agricultural Information Dissemination among Artisanal Fishers in Coastal Areas of South West, Nigeria

**Supervisor:** Professor T.O.A. Banmeke

**3.2 COLLEGE OF ANIMAL SCIENCE AND LIVESTOCK PRODUCTION**

*Department of Animal Breeding and Genetics*

**Ph.D. (Animal Biotechnology)**

AGBALAYA Khadijah Kubura

**Thesis:** Single Nucleotide Polymorphisms in four Toll-Like Receptor Genes in Muturu and White Fulani Cattle challenged with *Trypanosoma vivax*

**Supervisor:** Professor C. O. N. Ikeobi

SANNI Muyideen Timothy

**Thesis:** Genetic and Genomic Analyses of Exon 1 and 3 of Myostatin Gene among Nigerian and Geographically-Distant Goat Breeds

**Supervisor:** Professor C. O. N. Ikeobi

**Ph.D. (Animal Breeding and Genetics)**

ABE Olugbenga Samson

**Thesis:** Application of Non-Linear Models to the Growth and Development of Nigerian Indigenous and Other Locally Adapted Chickens

**Supervisor:** Professor M. O. Ozoje

*Department of Animal Nutrition*

**Ph.D. (Monogastric Animal Nutrition)**

ADEGBENJO Adedotun Ayoade

**Thesis:** Response of Turkeys to Diets Containing Hydrolysed Feather Meal or Blood Meal and the Implications of Protease Enzyme Supplementation

**Supervisor:** Professor O. O. Oluwatosin

*Department of Animal Physiology*

**Ph.D. (Animal Physiology)**

KAREEM-IBRAHIM Khadeejah Olufunke

**Thesis:** Influence of *Moringa oleifera* Leaf Meal on Growth Rate, Blood Parameters and Semen Characteristics of West African Dwarf Bucks  
**Supervisor:** Dr. A. O. Ladokun

ADEKUNLE Ezekiel Oluwafemi

**Thesis:** Effects of Vitamin E Supplement, Extender Type and Different Protocols on Cryopreserved Sperm Quality of West African Dwarf Bucks  
**Supervisor:** Dr. J. O. Daramola

*Department of Animal Production and Health*

**Ph.D. (Ruminant Production)**

YILLAH Dauda Sheku

**Thesis:** Growth and Reproductive Performance of West African Dwarf Does and Kids Fed Diets Containing Algal Biomass  
**Supervisor:** Professor A.B.J. Aina

**Ph.D. (Non-Ruminant Production)**

OGUN Modupeore Abosede

**Thesis:** Effect of Oral Administration of *Lagenaria breviflora* (Robert) Extract on Performance of Meat-Type Chickens Managed on Two Housing Systems  
**Supervisor:** Professor S.S. Abiola

OMOSEBI Damilola Janet

**Thesis:** Responses of Broiler Chickens to Feed Forms Varying Levels and Periods of Quantitative Feed Restrictions  
**Supervisor:** Dr. O.A. Adeyemi

AYOOLA Akeem Ayobami

**Thesis:** Effect of Mating Ratio, Methods and Periods of Eggs Storage and Age in Lay on the Performance of Japanese Quails  
**Supervisor:** Dr. A.O. Adeyemi

ADEYEMO Adedayo Akinade

**Thesis:** Effects of Levels and Periods of Feed Restriction with or without Vitamin E on Performance of Rabbit Does and their Litters  
**Supervisor:** Dr. O. A. Adeyemi

**3.3 COLLEGE OF BIOSCIENCES**

*Department of Biochemistry*

**Ph.D. (Biochemistry)**

OWOADE Abiodun Olusoji

**Thesis:** Cannabinoids-Induced Lipotoxic and Non-Lipotoxic Dyslipidemia in Male Albino Rats  
**Supervisor:** Professor O. Ademuyiwa

FATOKI John Olabode

**Thesis:** Time Course of Arsenic-Induced Dyslipidemia in Male Albino Rats: Comparison between Pentavalent Inorganic and Organic Arsenic through Drinking Water  
**Supervisor:** Professor O. Ademuyiwa

IGHODARO Osasenaga Macdonald

**Thesis:** Phytochemical Distribution, Toxicity Status, Antioxidant and Antidiabetic Potentials of Ethanolic Extracts of *Sapium Ellipticum* (Hochst) Pax Leaves  
**Supervisor:** Professor O.A. Akinloye

FAOKUNLA Opeyemi Olubunmi

**Thesis:** Evaluation of Organo-Protective Effect of Methanolic Extract of *Jatropha gossypifolia* Leaves on Cypermethrin-Induced Toxicity in Male Wistar Rats  
**Supervisor:** Professor O.A. Akinloye

### *Department of Biological Sciences*

#### **Ph.D. (Parasitology)**

SURAKAT Olabanji Ahmed

**Thesis:** Parasitological and Scrological Assessment of Onchocereiasis after a Decade of Ivermectin Treatment: Communal Perception and Migration Studies in Ogun State, Nigeria  
**Supervisor:** Professor S.O. Sam-Wobo

ADEKUNLE Oladunni Nimota

**Thesis:** Epidemiological Studies of *Lymphatic Filariasis* in Some Communities of Ose Local Government Area, Ondo State  
**Supervisor:** Professor S. O. Sam-Wobo

AGBEYANGI Oludare Alani

**Thesis:** Evaluation and Community Based Acceptability of Rectal Artesunate in the Management of Childhood Malaria Ogun State Nigeria  
**Supervisor:** Professor S. O. Sam-Wobo

### *Department of Microbiology*

#### **Ph.D. (Microbiology)**

FALANA Monsurat Bolanle

**Thesis:** In Vitro and In Vivo Studies of Extracts from *Vitellaria paradoxa* “Shea Butter” Tree Against Diarrhoeagenic Bacteria  
**Supervisor:** Professor (Mrs.) M.O. Bankole

#### **Ph.D. (Food and Industrial Microbiology)**

JOLAOSO Adeola Azeezat

**Thesis:** Development of Starter Culture, Critical Control Points and Shelf Stability of “Oso” (Fermented Seeds of *Carthomioh altissimum*)  
**Supervisor:** Professor T.O.S. Popoola

AKINOLA Tolulope Modupe

**Thesis:** Ethanol Production from Cassava Starch by Protoplast Fusants of *Aspergills spp.* and Yeasts from Palm Wine



**Supervisor:** Dr. S. O. Kareem

ADELABU Blessing Adebola

**Thesis:** Optimization and Kinetic Studies of Ethanol Production from Corn and Sorghum Straws Using Free and Immobilized Yeast Cells

**Supervisor:** Dr. S.O. Kareem

#### **Ph.D. (Environmental Microbiology and Public Health)**

KAYODE-ISOLA Tayo Modupe

**Thesis:** Water Quality and Characterization of Vibrio Species Isolated from Wells Sited Close to Septic Tanks in Ojo and Badagry, Lagos

**Supervisor:** Professor (Mrs.) M. O. Bankole

EGBERONGBE Haneefat Olabimpe

**Thesis:** Characterization and Sensitivity to Antibiotics and Local Herbs of Opportunistic Bacterial Pathogens from Rural Streams in Ijebu North, Ogun State, Nigeria

**Supervisor:** Professor (Mrs.) M. O. Bankole

#### **Ph.D. (Environmental Microbiology)**

ADEBAJO Seun Owolabi

**Thesis:** Biodegradation of Pharmaceutical Effluents Using Biosurfactant Producing Bacteria from Ogun and Lagos States

**Supervisor:** Professor (Mrs.) A. K. Akintokun

OSUNDE Joyce Eberechukwu

**Thesis:** Spatio-Temporal, Physicochemical and Metagenomic Analyses in Three Oil-Polluted Water Bodies in Delta State, Nigeria

**Supervisor:** Dr. (Mrs.) O. B. Shittu

OBAWUSI Abosede Obafunke

**Thesis:** Microbiological Evaluation and Heavy Metal Uptake by Tomato (*Lycopersicon esculentum* L.) and Lettuce (*Lactuca sativa*) Grown on Solid Waste Compost in Abeokuta, Nigeria

**Supervisor:** Dr. (Mrs.) A.K. Akintokun

### **3.4 COLLEGE OF ENGINEERING**

#### ***Department of Civil Engineering***

##### **Ph.D. (Structural Engineering)**

OLAFUSI Oladipupo Stephen

**Thesis:** Performance of Corncob Ash-Cement Blend in Self-Compacting Concrete

**Supervisor:** Professor O. M. Sadiq

#### ***Department of Mechanical Engineering***

##### **Ph.D. (Mechanical Engineering)**

SAMUEL Olusegun David

**Thesis:** Characterization and Performance Evaluation of Waste Cooking Oil Biodiesel Fuel Blends in Diesel Engines  
**Supervisor:** Professor M. A. Waheed

**Ph.D. (Production Engineering)**

AMOSUN Semiu Taiwo

**Thesis:** Development of a Solar Energy Powered Tyre Pressure Control Unit  
**Supervisor:** Dr. S. O. Ismaila

ADEDEJI Kasali Aderinmoye

**Thesis:** Numerical and Experimental Investigations of Thermo-Mechanical Stress Distribution in Turning Operation  
**Supervisor:** Professor M. A. Waheed

JAYESIMI Lawrence Olumide

**Thesis:** Numerical Modelling of Transient Dimensional Heat Transfer and Visco-plastic Flow Friction Stir Welding  
**Supervisor:** Professor M. A. Waheed

**Ph.D. (Thermofluid)**

SANGOTAYO Emmanuel Olayimika

**Thesis:** Development of Performance Characterization of Solar Thermal-Driven Adsorption Refrigeration System  
**Supervisor:** Professor M. A. Waheed

**Ph.D. (Industrial Engineering)**

MUSA Adekunle Ibrahim

**Thesis:** Energy Analysis of Block laying in Outdoor Environment in Ogun State, Nigeria  
**Supervisor:** Dr. S. O. Ismaila

ODUNLAMI Samson Abiodun

**Thesis:** Development of Models for Ergonomic Design of Urban Bus Drivers' Workstation in South West Nigeria  
**Supervisor:** Dr. S.O. Ismaila

### **3.5 COLLEGE OF ENVIRONMENTAL RESOURCES MANAGEMENT**

***Department of Aquaculture and Fisheries Management***

**Ph.D. (Aquaculture and Fisheries Management)**

AYELOJA Ayodeji Ahmed

**Thesis:** Evaluation of the Effects of Natural Preservatives and Packaging Materials on the Shelf Life of Smoked African Mud Catfish *Clarias gariepinus* (Burchell, 1822)  
**Supervisor:** Dr. I. O. A. George

AKINBOTE Rufus Ejilayo

**Thesis:** Assessment of the Production and Management of Economically Important Shellfish Resources of the Coastal Waters of Ondo State, Nigeria

**Supervisor:** Professor Y. Akegbejo-Samson

**Ph.D. (Fish Nutrition)**

BABALOLA Olusegun Emmanuel

**Thesis:** Utilization of Processed and Enzyme-Supplemented Cassava (*Manihot esculenta*) root meal in the Diet of *Oreochromis niloticus* Fingerlings

**Supervisor:** Professor S.O. Obasa

**Ph.D. (Fisheries Management)**

ASHLEY-DEJO Samuel Segun

**Thesis:** Adoption of Improved Hatchery Production Technologies of *Clarias gariepinus* (Burchell, 1822) Among Fish Farmers in Oyo and Osun States, Nigeria

**Supervisor:** Professor I.T.Omoniyi

*Department of Environmental Management and Toxicology*

**Ph.D. (Environmental Management and Toxicology)**

BABAJIDE Samuel Oluwole

**Thesis:** Environmental Health Impact Assessment of Selected Industrial Communities in Ogun State, Nigeria

**Supervisor:** Professor C.O. Adeofun

*Department of Forestry and Wildlife Management*

**Ph.D. (Agroforestry)**

OYEBAMIJI Noah Alabi

**Thesis:** Effects of Biomass Decomposition and Nitrogen Mineralization Patterns of Agroforestry Trees on Growth and Yield of Maize (*Zea mays L.*) in Makera, Nigeria

**Supervisor:** Professor A.M. Aduradola

ADELANI David Olusegun

**Thesis:** Assessment of Some Silvicultural Techniques on The Growth and Development of African Star Apple (*Chrysophyllum albidum G. Don*)

**Supervisor:** Professor A.M. Aduradola

**Ph.D. (Forest Ecology and Conservation)**

OJEKUNLE Oluseyi Opeyemi

**Thesis:** Ecological Assessment of Medicinal Plant Species among Different Forest-Use Types in Olokemeji Forest Reserve, Ogun State, Nigeria

**Supervisor:** Professor A.M. Aduradola

**Ph.D. (Forest Economics and Management)**

OSUNDERU Oluwakemi Abosede

**Thesis:** The Economics and Medicinal Value of Forest Products in the Treatment of Cancer in South-West Nigeria

**Supervisor:** Professor S.A. Oluwalana

### **Ph.D. (Wildlife Management)**

AKINOLA Olufunlola Odunayo

**Thesis:** Park Facilities Services and Effective Management of Resources in Relation to Tourism Satisfaction in Four Nigeria National Parks

**Supervisor:** Professor S. A. Onadeko

*Department of Water Resources Management and Agricultural Meteorology*

### **Ph.D. (Water Resources Management)**

OKE Muritala Olaniyi

**Thesis:** Evaluation of Groundwater Recharge in Ogun and Oshun River Basins

**Supervisor:** Professor O. Martins

## **3.6 COLLEGE OF FOOD SCIENCE AND HUMAN ECOLOGY**

*Department of Food Science and Technology*

### **Ph.D. (Food Microbiology and Biotechnology)**

AJAYEOBA Titilayo Adenike

**Thesis:** Incidence and Control of *Listeria monocytogenes* Contamination of Ready-To-Eat Vegetables from Selected Markets in South West, Nigeria

**Supervisor:** Professor O.O. Atanda

### **Ph.D. (Food Processing and Storage Technology)**

AIYELEYE Francis Bankole

**Thesis:** Effect of Moulding and Packaging Materials on Quality Attributes and Storage Stability of “Kokoro” (A Maize Snack)

**Supervisor:** Professor L.O. Sanni

AYINDE Folashade Adunni

**Thesis:** Functional Properties and Quality Attributes of Flour and Thermo-Extrudates from Selected Varieties of Sesame

**Supervisor:** Professor (Mrs.) F.O. Henshaw

ADENEKAN Monilola Kudirat

**Thesis:** Optimization of Enzymatic Hydrolysis of Pigeon Pea (*Cajanus Cajan*) Protein and Characterization of its Hydrolysate

**Supervisor:** Professor S.O. Awonorin

ADEYEYE Samuel Ayofemi Olalekan

**Thesis:** Effects of Smoking Methods and Fish Types on the Quality and Safety of Traditional Smoked Fish

**Supervisor:** Professor O.B. Oyewole

### **Ph.D. (Food Quality Control and Assurance)**

ONIGBOGI Isaac Olaitan

**Thesis:** Quality Attributes of Flour Noodles Substituted with Cassava Flour and Acetylated Cassava Starch

**Supervisor:** Professor L.O. Sanni

OMOHIMI Celestina Ibitayo

**Thesis:** Hazard Characterization and Safety Assessment of Traditional Yam Chips Flakes and Flour Produced in Southwest Nigeria

**Supervisor:** Professor L.O. Sanni

### **Ph.D. (Food Engineering)**

BOLAJI Olusola Timothy

**Thesis:** Kinetic Study of Energy Reduction and Engineering Properties of Soaked Maize Grains during the Production of Ogi

**Supervisor:** Professor S.O. Awonorin

### ***Department of Home Science Management***

### **Ph.D. (Clothing and Textiles)**

OWODIONG-IDEMEKO Boiso Maria

**Thesis:** Analysis of Developments in the Garment Construction Industry in Lagos State, Nigeria

**Supervisor:** Professor S.R. Ogunduyile

### ***Department of Nutrition and Dietetics***

### **Ph.D. (Nutrition and Dietetics)**

AKINLOTAN Jokodola Victoria

**Thesis:** Nutritional Evaluation and Glycemic Index of Meals Produced from Cocoyam, Plantain and Cowpea Flour Blends

**Supervisor:** Professor (Mrs.) I. O. Olayiwola

UTHMAN-AKINHANMI Yewande O.

**Thesis:** Nutrient Composition and Plasma Lipid Response of Rats Fed Pastry-Based Franchised Fast Foods

**Supervisor:** Professor (Mrs.) I.O. Olayiwola

## **3.7 COLLEGE OF PHYSICAL SCIENCES**

### ***Department of Chemistry***

### **Ph.D. (Industrial Chemistry)**

OGUNDIRAN Olusegun Olafimihan

**Thesis:** Physico-Chemical and Biodegradability Properties of Starch-Low Density Polyethylene Composite

**Supervisor:** Dr. T.A. Afolabi

SODEINDE Kehinde Oluseun

**Thesis:** Green Synthesis, Characterization and Properties of Selected Noble Metal Nanoparticles and Their Nanohybrids

**Supervisor:** Professor E.O. Dare

SONDE Olubori Idowu

**Thesis:** Synthesis, Photocatalytic Degradation and Antibacterial Activity of Exfoliated Graphite /Selenium-Zinc Oxide and Chitosan-Silver Nano-composites

**Supervisor:** Professor E.O. Dare

### **Ph.D. (Analytical Chemistry)**

KAREEM Muili Mojisola

**Thesis:** Establishment of Bio-Chemical Composition of Efficacy of Traditionally Used Anti-Malaria Plants against *Plasmodium berghei berghei* in Southwest Nigeria

**Supervisor:** Professor F. O. Bamiro

### ***Department of Computer Science***

#### **Ph.D. (Computer Science)**

YUSUF Lateef Oladimeji

**Thesis:** A Service-oriented Architecture for Data Interoperability in Web Applications

**Supervisor:** Professor O. Folorunso

### ***Department of Physics***

#### **Ph.D. (Geophysics)**

ABATAN Olufemi Adio

**Thesis:** Effects of Porosity and Clay Content on Wave Velocities in Porous Media

**Supervisor:** Professor O.D. Akinyemi

ALABI Aderemi Alidu

**Thesis:** Estimation of Near-Surface Water Content and Temperature Changes Using Analytical Approach

**Supervisor:** Professor O.D. Akinyemi

ADEWALE Adebambo Oludare

**Thesis:** Determination of Locations of Magnetic Basement from Aeromagnetic Data of Abeokuta Area, South-West Nigeria, Using Continuous Wavelet Transform

**Supervisor:** Professor J. A. Olowofela

AJANI Olumide Oyewale

**Thesis:** A Simplified Finite-Difference Scheme for Modeling Seismic Wave Propagation in Elastic, Heterogeneous and Transversely Isotropic Media

**Supervisor:** Professor J. A. Olowofela

#### **Ph.D. (Condensed Matter Physics)**

BAMGBOSE Muyiwa Kehinde

**Thesis:** First Principles Study of Some Cubic Group III-V Semiconductor Alloys

**Supervisor:** Professor G. A. Adebayo

AYEDUN Funmilayo

**Thesis:** X-Ray Absorption Spectra and Structural, Electronic and Magnetic Properties of Rutile Based Alloys

**Supervisor:** Professor G. A. Adebayo

#### **Ph.D. (Theoretical Physics)**

EGUNJOBI, Abiodun Isiaka

**Thesis:** Dynamical Behaviour of Nonlinear Oscillators under Diffusive and Cyclic Coupling

**Supervisor:** Professor J. A. Olowofela

ADELAKUN Adedayo Oke

**Thesis:** Theoretical and Experimental Investigations of the Dynamics of Extended Duffing and Van Der Pol Oscillators and their Applications to Secure Communication

**Supervisor:** Professor B. S. Badmus

#### **Ph.D. Physics (Radiation and Health Physics)**

RABIU Jamiu Ariyo

**Thesis:** Assessment of Human Exposures to Radiation from Radon in Groundwater Samples from Parts of Abeokuta, Ogun State, Nigeria

**Supervisor:** Professor A. O. Mustapha

#### *Department of Statistics*

#### **Ph.D. (Statistics)**

AKINTUNDE Abosede Adelola

**Thesis:** Modelling Nonlinear Dynamical System Using Stochastic Differential Equation

**Supervisor:** Dr. S.O.N. Agwuegbo

### **3.8 COLLEGE OF PLANT SCIENCE AND CROP PRODUCTION**

#### *Department of Crop Protection*

#### **Ph.D. (Nematology)**

SOLOMON Sunday

**Thesis:** Comparative Effects of Neem-Fortified Cassava Peel Powder and Carbonfuran in the Management of Plant Parasitic Nematodes on Sugarcane (*Saccharum officinarum* L.) in Nigeria

**Supervisor:** Professor S. O. Afolami

OKENIYI Michael Olusayo

**Thesis:** Effects of Nematode Management Options in the rehabilitation of Moribond Cocoa (*Theobroma cacao* L.) Farms in South-Western Nigeria

**Supervisor:** Professor S.O. Afolami

***Department of Plant Breeding and Seed Technology***

**Ph.D. (Seed Technology)**

KEHINDE Tolulope Olaitan

**Thesis:** Digital Imaging Characterization and Potential Longevity of Kenaf (*Hibiscus cannabinus* L.) Seeds Using Artificial Ageing Treatments

**Supervisor:** Professor M.O. Ajala

ESURUOSO Olamide Abimbola

**Thesis:** Studies on Genotype, Cropping Year and Seed Enhancement as Determinants of Seed Yield, Quality and Longevity in Eggplant (*Solanum melongena* L)

**Supervisor:** Dr. M.A. Adebisi

ALEGILEDOYE Abiodun Oladimeji

**Thesis:** Effects of Plant Population in Seed Yield Physical Physiological Attributes and Seed Storability of African Yam Bean (*Sphemostylis sternocarpa*) A. Rich

**Supervisor:** Dr. M. A. Adebisi

***Department of Soil Science and Land Management***

**Ph.D. (Soil Chemistry)**

TAIWO Adebimpe Abidemi

**Thesis:** Effects of Organic Manure on the Kinetics of Potassium Fixation, release and Uptake by Maize in some soils of Ogun State

**Supervisor:** Professor M. T. Adetunji

ADERANTI Monisade Folashade

**Thesis:** Distribution Phytotoxicity Adsorption and Desorption of Zinc in Soils of South-Western Nigeria

**Supervisor:** Professor M. T. Adetunji

**Ph.D. (Soil Physics)**

ADAIKWU Odigbo Augustine

**Thesis:** Effects of Topsoil Removal Cropping System and Soil Amendment on Soil Productivity under Maize and Soybean Cultivation in Benue State, Nigeria

**Supervisor:** Professor F. K. Salako

**3.9 COLLEGE OF VETERINARY MEDICINE**

***Department of Veterinary Medicine and Surgery***

**Ph.D. (Companion Animal Medicine)**

ABAKPA Simon Abah Victor

**Thesis:** Prevalence, Molecular Characterization, Pathogenicity and Serum Cytokine Concentrations of Dogs Infected with Trypanosomes in Abeokuta and Warri, Nigeria

**Supervisor:** Professor A.O. Talabi



*Department of Veterinary Public Health and Reproduction*

**Ph.D. (Veterinary Theriogenology)**

OLURODE Sikiru Adetona

**Thesis:** Effect of Season, Experimental *Trypanosoma brucei* and *Trypanosoma congolense* Infections on Reproduction in West African Dwarf Bucks

**Supervisor:** Dr. J.O. Hassan

**3.10 COMPLETED RESEARCH BREAKTHROUGH AND PATENTS FROM COLLEGES**

**COLLEGE OF ANIMAL LIVESTOCK AND PRODUCTION (COLANIM):**

• ***From ABG Dept.***

- (i) Breeding of rabbit breeds in South-West, Nigeria to appraise their reproductive performances just completed.
- (ii) Study on the use of microsatellite markers with rabbit populations in Nigeria to ascertain genetic information inherent in each breed completed and consensus dendrogram showing breed relationships reconstructed.
- (iii) Genetic structure and level of inbreeding among Nigerian chicken populations based on microsatellite DNA typing already completed and published.
- (iv) Estimation of gene flow among chicken populations in Nigeria using the jackknife procedure completed and published
- (v) Combined exclusion probabilities of microsatellite markers used with Nigerian chicken populations are within the adequate plateau of 0.999998 to 0.999999.
- (vi) Characterization and development of high-producing local chicken germplasm for growth and egg production under semi-scavenging rural production.
- (vii) Characterization of Nigerian indigenous chicken based on major histocompatibility complex (MHC) Class II beta gene and their immune response to sheep red blood cells.
- (viii) Indigenous Nigerian goats and Kalahari Red have been characterized and relationships among them established based on the first hypervariable region of the D-loop of mitochondrial DNA.
- (ix) Mutations in inhibin alpha gene identified and their association with litter size in Kalahari Red and Nigerian goats can be further exploited for marker assisted selection for increased goat productivity.
- (x) Improvement of Nigerian Indigenous Chicken for egg and meat production.
- (xi) Development of Improved Nigerian Indigenous Chicken (FUNAAB- Alpha).
- (xii) Identification of single nucleotide polymorphisms associated with litter size in goats.

• ***From ANN Dept.***

- (i) Mitigating feed nutrient losses in the rumen through dietary inclusion of cashew nutshell liquid
- (ii) Redefining B-vitamins requirements for broilers and Turkeys

- (iii) Effect of supplementation of phyto-genic plant in the diets of poultry,rabbits and pigs on their growth and immune system
- (iv) Effect of locally produced natural vitamins and minerals in broilers nutrition
- (v) Utilization of maize, wheat, sorghum and cassava by broilers and pigs
- (vi) Phyto-additives in broiler’s nutrition.
- (vii) Use of chelated organic minerals in poultry nutrition

Research outputs of the academic staff of College of Animal Science and Livestock Production during the academic year under review are presented in Table 2.

**Table 2: Research Output of Academic Staff in 2016/2017 academic session**

Journal Papers and Conference Proceedings	Number	Percentage
Journal Papers (Local)	52	22.51
Journal Papers (Foreign)	115	49.78
Conference Proceedings (Local)	44	19.05
Conference Proceedings (Foreign)	20	8.66

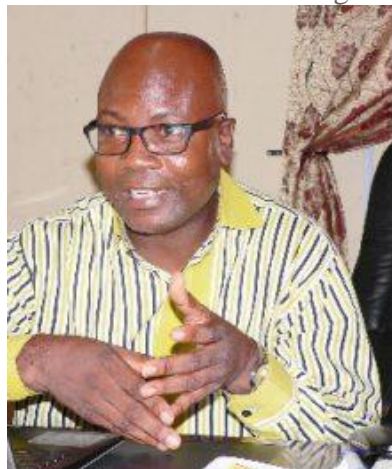
## CHAPTER FOUR

### 4.0 FELLOWSHIPS, GRANTS AND AWARDS

#### 4.1 FUNAAB Wins Another Foreign Grant

The University has added another feather to its cap by winning a new grant for research. The grant is called M-BOSs, which the Director of Biotechnology Centre of FUNAAB, Dr. Olusegun Obadina, said was based on the project titled, “Up-Scaling Millet Grain Sourdough Technology and Extruded Snacks for Sustainable Livelihood in West Africa – Millet – Sourdough”.

According to Dr. Obadina, the award is a follow-up to the successes of the previous grant called the African Brazil Agricultural Innovation Market Place; a body organised by EMBRAPA, a Brazilian Agricultural Research Corporation that has different centres, which deals in agriculture with specialisation in food commodities such as roots and crops, vegetables and animal husbandry, spread across various parts of the country. An initiative of EMBRAPA in Brazil and Forum for Agricultural Research in Africa (FARA), the Africa Brazil Agricultural Innovation Market Place, aims at addressing the common agricultural challenges between Africa as a continent and Brazil as a country, because it is believed that both nations have similar agricultural challenges, based on their climatic conditions and the need to come together and develop a platform that they could both operate, in order to reduce the challenges of food insecurity.



*The Director, Biotechnology Centre,  
Dr. Olusegun Obadina*

Speaking on the first grant, which eventually earned them the second, Dr. Obadina disclosed that in 2013, when the Agricultural Innovation Market Place started, it offered a call for scientists or researchers from the African continent to collaborate with an identified researcher in EMBRAPA, Brazil and he applied in collaboration with a colleague at EMBRAPA Food Technology at Rio de Janeiro, Brazil and got the grant, which ran from 2013 to 2015. “The project, then, was on Nutritional Properties and Health Functionality of Whole Grain Millet Sourdough and in that project, what we tried to do was to use millet, which is a common cereal in Nigeria that is underutilised and nutritious, to produce bread from a technology known as sourdough. In this part of the world, Nigeria, to be specific, sourdough is new but not to the western world. It is a simple technology, where bread is being produced without the addition of yeast, as against the normal procedure, where yeast is responsible for the fermentation in making the dough. The same technology is used here but the only difference is that yeast, which is the raising agent, is not added. In this technique, natural microorganisms, is used to do the fermentation. After getting the flour and other ingredients, we

allow it to ferment naturally and the result of our research shows that this leaves a sour taste for the dough and so, that is where the name, sourdough technology, comes from”.



*The Director, Biotechnology Centre, Dr. Olusegun Obadina (1st Left), foreign project team members with Dr. Oluseye Onabanjo of FUNAAB (1st Right)*

Dr. Obadina disclosed that the unique attribute of the project was the use of millet, an underutilised grain of which Nigeria is second largest producer, as against wheat, because of its high cost of importation, adding that it had been discovered that millet is more nutritious than wheat. He also pointed out that another good thing about the project was that since the increased awareness on gluten-free product, people had been avoiding gluten product because of a disease called celiac, which arises from too much of gluten in the blood system, stating that millet was the alternative. The University Don stated that the research work carried out was on the two major varieties of millet in Nigeria; pearl millet and finger millet and from the research, it was discovered that pearl millet sourdough was more acceptable to consumers, in terms of acceptability and nutritional value.



***Millet plant***

The Director, Biotechnology Centre said that in 2016, EMBRAPA and FARA came together and put forward another call, known as MBOSSs, which is all about building on the successes of the Africa Brazil Agricultural Innovation Market Place, “meaning that for you to participate in MBOSSs, you must have undergone a project under market place, which must have been successful. So, it is the successes on that project in marketplace that now needs to be built on by up-scaling on the idea or project in the first project”. According to Dr. Obadina, the Millet Sourdough Project titled, “Up-scaling Millet Grain Sourdough Technology and Extruded Snacks For Sustainable Livelihood in

West Africa” would be implemented in three West African countries namely; Nigeria, Ghana and Benin Republic, with technical backstopping from EMBRAPA, Rio de Janeiro. The implementing institutions are the Federal University of Agriculture, Abeokuta (FUNAAB) as the leading African partner; Food Research Institute (FRI), Ghana; University of Abomey Calavi, Benin Republic and EMBRAPA, Rio de Janeiro, Brazil. The project has a 30 months’ duration with a total funding of \$663,589.70 and would be scaling-out the successes recorded in our Agricultural Innovative Marketplace-funded project titled; ‘Nutritional Properties and Health Functionality of WholegrainMillet Sourdoughs’.

The Millet-Sourdough project is expected to increase the utilisation of indigenous millet varieties for bread and snacks-making in West Africa. The use of wholegrain millet sourdough technique would produce more nutritious, more flavour-intense and low glycemic-index bread. Dr. Obadina added that some challenges to be addressed by the project include overdependence on imported wheat for producing flour for baking industries in West Africa, adding that the health challenges posed with the consumption of bread and confectionery, made from 100 per cent wheat flour, had necessitated the probe into the use of composite flour with the inclusion of indigenous nutritious grains flour. “Millets are commonly grown in the selected countries, where they are processed into flour for making traditional thick-and-thin porridges, steam-cooked products like Couscous, alcoholic and non-alcoholic beverages. They have not been widely used in bread and extrusion-making because they lack the structure-forming protein, gluten, present only in wheat. However, the use of sourdough technique is known to improve the baking potential of non-wheat flours”.



### ***Sourdough bread***

The Director, Biotechnology Centre noted that the innovative component of the project was the production of millet sourdough, using the pearl variety. The sourdough is to be used to produce bread and extruded snacks that would be used to improve the nutritional and health status of school children, saying extrusion technology was particularly important for obtaining processed foods that are stable to temperature variation and safe of microorganism. It is easy to store without refrigeration, therefore, low energy is required. The technique can be adopted by small and medium scale enterprises. Also, the versatility on the use of the blends of cereals, legumes and even dehydrated local fruits that are nutritionally combined can provide snacks, ready-to-prepare flours and ingredients for bakeries and this would reduce the dependence on wheat in the bakery industry.

Speaking on the advantages to be derived from the project, Dr. Obadina stated that the project would cover the purchase of a pilot scale state-of-the-art extrusion machine and baking equipment, which would be domiciled at the Department of Food Science and Technology, College of Food Science and Human Ecology (COLFHEC), FUNAAB; Food Research Institute (FRI), Ghana; and University of Abomey Calavi, Benin Republic. In the University, the grant would offer full scholarship to four PhD and three M.Sc students, to be attached to the project from the Departments of Food Science and Technology; Nutrition and Dietetics; and Agricultural Extension and Rural Development.

Other team members on the project include Dr. Oluseye Onabanjo, Department of Nutrition and Dietetics (COLFHEC); Dr. Petra Abdulsalam-Saghir, Department of Agricultural Extension and Rural Development (COLAMRUD); and Mr. Bernard Siwoku, Cassava Adding Value to Africa (C:AVA II), Nigeria and implemented with technical support from experts, who would serve as consultants to the project.

## 4.2 FUNAAB Wins Rockefeller Foundation Grant

The University has recorded another milestone in addition to the previous achievements it had made over the years. This time around, FUNAAB, in partnership with the Natural Resources Institute (NRI), University of Greenwich, United Kingdom, have been selected as the winner of the \$500,000 Cassava Innovation Challenge grant, alongside the needed technical assistance, to test and market a polythene bag with an in-built technology that would keep cassava fresh, for at least, eight days after harvesting. The announcement was made at the first All African Post-harvest Congress, held in Nairobi, Kenya.



*Prof. Kolawole Adebayo*

According to the Director, Directorate of Grants Management of the University, Professor Kolawole Adebayo, The Rockefeller Foundation, in association with Dalberg and the International Institute of Tropical Agriculture (IITA), put forward a challenge to get an innovation that could extend the shelf-life of cassava. He said cassava remained one of the major staple foods in Africa and being a starchy food crop, it deteriorates very fast if unprocessed within 24 to 72 hours after harvesting, hence, the need for proper preservation. Professor Adebayo, who noted that two different perspectives, previously being considered for the preservation of the crop included processing and that as soon as it was harvested, it becomes something more profitable like garri, cassava flour (elubo) or fufu, adding that once that was done, there was a limit to the kind of product that could be derived from it.

On the other hand, he pointed out that improving the logistics of delivery from the farm to processing was also considered, so as to save as much time as possible, but added that this also had its challenge, as time was lost in harvesting, parking, transporting and offloading products, stressing that breakdown of the vehicle or traffic, could not be ruled out and “once you harvest the cassava, if you don’t use within 24 hours, it starts to lose starch, it starts to lose quality and so, the colour of the product you make from it will not be as white and the Potential of Hydrogen (pH) will be high. Therefore, there is a limit to the kind of product you make from it, and after three to five days, it becomes practically useless for anything else”.

The Post-harvest Expert explained that this challenge (perishability), necessitated looking at what really could be done to keep harvested cassava in its fresh form for about a week or eight days, so that it does not get spoiled most, especially, considering the fact that Nigeria is the largest producer of cassava and is also the largest consumer of the crop. Following the challenge, Professor Adebayo disclosed that more than 600 applications from 32 countries submitted their ideas on how to solve this problem; of short shelf-life for cassava, due to lack of preservation technology. A panel of judges from around the world, including Nigerian cassava experts, recommended the grant, based on The Rockefeller Foundation criteria for innovation.

Speaking on the technology, Professor Adebayo said “it is a simple bag. The science of it is easy to understand; as it is being used with other commodities, whereby if you get a particular type of bag that has a particular type of micro-environment, any living plant kept in that bag will remain fresh, so long as the bag is not opened for up to eight days or at least, more than one week. Now, at the laboratory level, this has been demonstrated, but at the commercial level, nobody has ever used it. And there are a number of reasons why people have not used it in the business of cassava processing. It is because it is not a regulated business. So, you cannot say that you should only sell cassava roots in this bag. There is no such regulation anywhere. So, that makes it difficult then”.

The Director said what was now done, was to take the bagging technology, which had been developed many years ago and do it in varying sizes. “It is very simple and requires one, who knows the chemistry of growth and preservation. This was the expertise that NRI has brought into the collaboration. We have been collaborating with NRI for 30 years now and we have a lot of knowledge on the transactions that take place in the cassava sector, which will influence the uptake of this bag. We will need additional partners to make this work. We need people, who have the facilities to make bags, we will have to introduce the science, to making those bags a preservative kind of bag and then, we need the value chain, to market the bag for those who will use it. So, over the next one to three years, we will be working on these, using the funds from this global challenge that The Rockefeller Foundation has provided as leverage on how to commercialise this knowledge that has been made available through this collaboration. So, this is the technology and if it works in Nigeria, which is the largest producer of cassava, then it probably will work anywhere in the world”.

Explaining the benefits that could be derived from the grant, Professor Adebayo said the collaboration between two universities, anywhere in the world, was always an advantage and a win-win situation. For FUNAAB, he disclosed that “many of our scientists would gain insight into the science of cassava preservation”. Describing this achievement as one that is worth celebrating, Professor Adebayo stated that “to be the applicant that was selected (FUNAAB and University of Greenwich), out of 600 applications, is not a small feat. Actually, this is where universities in Nigeria or Africa are different from European universities because now, the University of Greenwich describes itself as a world-leading institution on cassava research. Why can't we do that? We should also celebrate successes and then build on those successes. Once we can do it for cassava, maybe we can do it for yam, sweet potato, carrot and onion as we have several of our scientists working on all these other crops who can learn from these opportunity and then use it”. The invention, which won FUNAAB the grant, NRICassavabag, would be of benefit to about 500 million people in Africa, who rely on cassava for food security and nutrition, as nearly 30 million small holder farmers grow over 50 million tonnes annually, which amounts to 20 per cent of the world's population. Meanwhile, the polythene bag would be available in a variety of sizes, for different value chain actors.

Expressing displeasure at the several bottlenecks that researchers in the country face, Professor Adebayo disclosed that “the environment that we work in has not been very helpful. Over the years, we have built the profile of FUNAAB, as a University, to compete with other universities”. He further called for a review of the Treasury Single Account (TSA) policy, noting that it would discourage researchers from grants writing, as the funds would be mopped up, the projects not being

realised and would eventually discourage many organisations from financing grants in the country, because such funds would not be readily accessible for the researchers, to achieve their goals and targets.

### 4.3 FUNAAB Researchers Bag CIRCLE Fellowships



*Dr. Adefunke Ayinde*



*Dr. Adebukunola Lala*

Two members of staff in the University, Dr. Adefunke Ayinde of the Department of Agricultural Administration, College of Agricultural Management and Rural Development (COLAMRUD), and Dr. Adebukunola Lala of the Institute of Food Security Environmental Resources and Agricultural Research (IFSERAR), have won the Climate Impacts Research Capacity and Leadership Enhancement (CIRCLE) Visiting Fellowships for the “Cohort 3” programme of the Association of Commonwealth Universities (ACU).

Dr. Ayinde’s fellowship is tenable at the University of Cape Town, South Africa while Dr. Lala would be at the Kwame Nkrumah University of Science and Technology, Ghana. Both Dons, with 10 other Nigerians from various tertiary institutions in the country, alongside 25 recipients from African countries, are to participate in the programme that is aimed at generating knowledge to effectively tackle climate change. The CIRCLE programme is an initiative of the United Kingdom’s Department for International Development (DfID), to develop skills and research output of early career African researchers in the field of climate change and its local impacts on development. The programme would also work with other institutions to develop a coordinated and strategic approach to supporting early career researchers.

CIRCLE has been allocated £4.85 million over five years (2014-2018), and is managed by ACU and the African Academy of Sciences. In addition to the fellowships, an Institutional Strengthening Programme would be included, to empower the capacities of the institutions involved in the programme to provide support for early career researchers, while the positions of the researchers and their institutions within global academia would be further strengthened through guidance from the Quality Support Component and a consortium of internationally-renowned institutions, led by the Natural Resources Institute, University of Greenwich, United Kingdom. The consortium would advise on the development and dissemination of research outputs that should contribute to



international discourse in the field while CIRCLE's thematic areas include water, energy, agriculture, political economy and health, among others.

#### 4.4 YEAR 2015 & 2016 (MERGED) TERTIARY EDUCATION TRUST CONFERENCE ATTENDANCE (CA) INTERVENTION FUNDS

S/N	Candidates i.e Approved Conference Attendee	Conference title and Location & Country where the conference is TENABLE	Conference Date(s)
1	Professor Babalola Oluwatoyin A.	International Congress on Organic Farming, London	2 <sup>nd</sup> – 3 <sup>rd</sup> October, 2017
2	Dr. Ajayi Ayodele John	International Conference: The Future of Ethnicity, Education and Research at Johns Hopkins University, USA	16 <sup>th</sup> – 17 <sup>th</sup> October, 2017
3	Dr.Osinuga Idowu Ademola	Southern Africa Mathematical Sciences Association Annual Conference, Tanzania	20 <sup>th</sup> – 23 <sup>rd</sup> November, 2017
4	Dr. Akinyemi, Adeolu Akanji	The National Conference & Exposition of National Aquaculture 2018 Conference, Paris	19 <sup>th</sup> – 22 <sup>nd</sup> February, 2018
5	Dr. Amolegbe Saliu Alao	6 <sup>th</sup> Asian Biomaterials Congress Conference, India	25 <sup>th</sup> -27 <sup>th</sup> October, 2017
6	Dr. Adisa Alex Folami	9 <sup>th</sup> International Scientific Symposium Farm Machinery and Processes Management in Sustainable Agriculture, Poland	22 <sup>nd</sup> – 24 <sup>th</sup> November, 2017
7	Dr. Ufoegbune, Gideon C.	2017 International Conference and 31 <sup>st</sup> Annual General Meeting at Enugu State University of Science & Technology, Enugu	20 <sup>th</sup> – 24 <sup>th</sup> November, 2017
8	Dr. Kajola Sunday Olugboyega	2017 Global Development Finance Conference, South Africa	18 <sup>th</sup> – 19 <sup>th</sup> October, 2017
9	Dr. Lasisi Aliyu Adebayo	BITS 11 <sup>th</sup> World Congress of Regenerative Medicine and Stem Cell Conference	14 <sup>th</sup> – 16 <sup>th</sup> November, 2017
10	Mr. Egbuna Valentine Chidozie	Workshop on Accounting and Management at Istanbul University, Turkey	13 <sup>th</sup> – 14 <sup>th</sup> November, 2017
11	Mr. Ishola Rapheal Olusegun	Xvi Workshop on Rapid Methods and Automation in Food Microbiology (MRAMA) at Universitat Autònoma de	21 <sup>st</sup> – 24 <sup>th</sup> November, 2017

		Barcelona, Spain	
12	Mr.Ogini, Odiato Olusola	Leadership Enhancement Skills for Administrative Executives and Human Resources Managers, London	11 <sup>th</sup> – 12 <sup>th</sup> October, 2017
13	Mrs.Okuboye, Titilayo Mobayode	22 <sup>nd</sup> International Workshop on HIV and Hepatitis Observational Database, Spain	22 <sup>nd</sup> - 24 <sup>th</sup> March, 2018
14	Mrs. Olaniyi, Oluwayomi Taiwo	Office Management and Administrative Skills for Administrative Officer and Assistants, Dubai	12 <sup>th</sup> – 14 <sup>th</sup> December, 2017
15	Mr. Aderinboye, Olufunmilola Kehinde	Leadership Enhancement Skills for Administrative Executives and Human Resources Managers, London	11 <sup>th</sup> – 12 <sup>th</sup> October, 2017
16	Mr. Omotuyi, Nelson Ibukun	Professional Secretarial and Administrative Skills, London	13 <sup>th</sup> – 15 <sup>th</sup> October, 2017
17	Mr. Adesola, Olusegun Adewale	Office Management and Administrative Skills for Administrative Officers and Assistants, Dubai	12 <sup>th</sup> – 14 <sup>th</sup> December, 2017
18	Mr. Omodunbi, Samson Dare	Improved Development in Forensic Auditing Effectiveness in Public Sector, Kaduna	14 <sup>th</sup> – 17 <sup>th</sup> November, 2017
19	Mr. Elegbede Tajudeen Adedigba	Security Operation Management, Lagos	23 <sup>rd</sup> – 25 <sup>th</sup> October, 2017
20	Mr. Adegbola, Sunday Gboyega	Security Operation Management, Lagos	23 <sup>rd</sup> – 25 <sup>th</sup> October, 2017
21	Mr. Adegbite Nureni Shola	Protective Intelligence Workshop, Lagos	22 <sup>nd</sup> – 24 <sup>th</sup> November, 2017
22	Mrs. Badmus, Wuraola Anthonia	Human Capital Management Workshop, Lagos	23 <sup>rd</sup> – 27 <sup>th</sup> October, 2017
23	Mrs. Ogundipe, Azizat Ajimoh	Speech and Report Writing, Lagos	20 <sup>th</sup> 24 <sup>th</sup> November, 2017
24	Miss. Akinsaya , Oluwadamilola	Security Report Writing, Lagos	18 <sup>th</sup> – 20 <sup>th</sup> October, 2017

- (b) The Centre has also got Tetfund approval for Five (5) Academic Staff on Ph.D, M.Sc and Ph.D Benchwork programmes sponsored by TETFund under the Academic Staff Training and Development (AST&D) in highly regarded foreign institutions.

**4.5 Table 2: List and Details of Staff/Candidates Recommended for training under TETFund 2015/2016 AST&D Intervention for Foreign Training**

S/N	CANDIDATE	PROGRAMME OF TRAINING	INSTITUTION WHERE TRAINING IS TENABLE	COMMENCEMENT DATE	EXPECTED DATE OF COMPLETION OF TRAINING
1.	ADEYEFA, Adedayo Emmanuel	PhD Hospitality	Universiti Putra Malaysia	OCTOBER 2017	2020
2.	OKUO, Daniel Onimisi	PhD Mechanical Engineering	The University of Sheffield, UK	25 <sup>TH</sup> SEPTEMBER 2017	2020
3.	ADEWUMI, Ademola Adeniran	PhD Accounting	Ekiti State University, Ado-Ekiti	2017	2020
4.	YUSUF, Abdulahi Adebayo	BENCH WORK PhD Mathematics	Universiti Kebangsaan Malaysia	MAY 2018	2019
5.	AKINBULE Oluwafunke Opeyemi	BENCH WORK PhD Nutrition and Dietetics	University of Westminster UK	JAN 2018	AUG 2018
SUB TOTAL					

#### 4.6 DIRECTORATE OF GRANTS MANAGEMENT. (DGM)

##### Approved Allocation of TETFund and FUNAAB Grants in 2017

SN	NAME OF PRINCIPAL INVESTIGATOR	TITLE OF PROJECT	PROPOSED BUDGET
			N : K
1	Prof. A.R. Popoola	Field Cultivation of iodine-enriched tomato as an alternative to iodized salt in a hypertensive society.	1,999,994=85
2	Dr. S.O. Adigbo	Demonstration of Sustainable Tripple Cropping Sequences Cum Fish Culture in Sawah Rice Based Systems in Selected Secondary Schools in Abeokuta.	1,997,000=00
3	Dr. A. A. Adeola	Biological evaluation and technology delivery process of nutritionally improved biscuit produced from sweet potatoe-pigeonpea-banana flour blends in Ogun State.	1,993,425=00
4	Dr. K.O. Bello	Optimization and multiplication of Large Fulani Ecotype Chicken for Sustainable Production and Genetic Security in Nigeria.	1,999,911=60
5	Prof. J. J. Atungwu	Developing Institutional Capacity, Talents and Entrepreneurship of the Emerging Farmers for Indigenous bio pesticide formulation and commercialization in Nigeria.	1,970,000=00
6	Prof. E.O. Dare	Potentially Effective Ceramic – Supported Carbon Block-Polymer Hybrid Membrane Technology Designed for Point of Use Water Purification in Nigeria Homes	1,950,000=00
7	Dr. ( Mrs.) O.T. Arogundade	A mobile Intelligent animal tracking and management system based on usage of GPS/GSM(MINOTA)	1,999,963=88
8	Prof. Fabusoro, Eniola	Hazard Analysis Critical Control Points Determination and Women Empowerment in Pastoral Milk Chain in Southwest Nigeria.	1,997,200=00
9	Dr. (Mrs.) Comfort Adamu	Effects of Rising Food Prices on Food and Nutrition Security in Rural and Urban Communities in Some Selected Sates in the Southwest Nigeria.	1,463,550=00

10	Prof. (Mrs.) B.O. Oluwatosin, IFSERAR	Clinical, metabolomics and pathological evaluations of Kalahari Red and West African Dwarf goats fed <i>Brachiaruzizensis</i> of different ages.	1,998,000=00
11	Dr. O.A. Fasae	Development of Dry Season Sheep Feed Based on Manure Fertilized Maize Leaves in Crop Livestock Farming System.	1,813,515=00
12	Dr. (Mrs.) IyasereOluwaseunSerah,	Effects of chronic Stress on Nigerian indigenous chickens and trans-generational effects on their chicks.	2,000,000=00
13	Professor M.O. Ozoje	Grnomr-wide Association Study of Productive Adaptive and Qualitative Traits in Nigeria Indigenous Chickens.	1,494,800=00
14	Dr.(Mrs.) Victoria Olubunmi A. Ojo	Evaluation of the Nutritive Nigerian indigenous Quality of Grass Foliage-Browse Legume Seeds Silage as Dry season feed for Ruminants.	1,958,000=00
15	Dr.(Mrs) K.O. Yusuf	Scent Leaf ( <i>OcimumGratissimum</i> Dwarf Diet.	1,980,000=00

#### 4.7 REPORTS FROM COLLEGES

##### COLANIM:

- Dr. A.O. Adebambo is a Recipient of Marie Sklodowska-Curie Action (MSCA), Research and Innovation Staff Exchange (RISE). European Commission project on “Blood Test for Clinical Therapy Guidance of Non-small Cell Lung Cancer Patients” (LungCARD). November, 2016 – till date.
- Prof. O. Olowofeso won N1, 950,000.00 grant by TetFund-IBR-2016-2017 through the Directorate of Grants Management, Federal University of Agriculture, Abeokuta, Nigeria.
- Award of Ph.D. Fellowship to Mr. A. J. Sanda by African Chicken Genetic Gain Nigeria under International Livestock Research Institute, Addis Ababa Ethiopia.
- TETFund grant on utilization of scent leaf as phyto-genic feed additive in ruminant diet
- Africa Biosciences Challenge Fund (ABCF) fellowship, Biosciences eastern and central Africa-International Livestock Research Institute (BecA-ILRI), Nairobi, Kenya
- African Women in Agricultural Research and Development (AWARD), Kampala, Uganda 9 – 10 May, 2017
- African Chicken Genetic gain (ACGG) on the use of black Soldier fly on improved indigenous chicken and implications of enzyme supplementation
- Dr. (Mrs.) Lala obtained a CIRCLE fellowship tenable in University of science and technology Ghana

- Dr. A. O. Yusuf won a North-West University Postdoctoral Fellowship in South Africa from February 1, 2016 to February 28, 2018
- Dr. A. O. Yusuf, International Diploma in Animal Feed of PTC from March 5, 2018 to June 21, 2018 at Barneveld in the Netherlands.
- Drs. A. O. Oso and J. A. Abiona won the Prestigious C V Raman Fellowship for African Researchers as Visiting Research Fellows tenable in India.

**COLBIOS:**

**AWARD**

Fellowship by The Netherlands Government-sponsorship for a short course on learning, action research and outreach held 13th-31st March, 2017 at Wageningen, The Netherlands (Prof. I.A. Kehinde)

**COLENG:**

S/N	Staff Name	Grants	Year
1	Dr. Abiola, O.S	Postdoctoral Fellowship of the Tshwane University of Technology, Pretoria, South Africa	2013-2014
2	Dr. Badejo A.A.	Postdoctoral Fellowship of the Tshwane University of Technology, Pretoria, South Africa	2014-2015
3	Dr. Akinyele J.O	Postdoctoral Fellowship of the Tshwane University of Technology, Pretoria, South Africa	2015-2016
4	Dr. (Mrs.) Alayaki F.M	Slumberger Research Scholarship for women	2012- 2015

S/N	Staff Name	Grant(s)	Year
1	All Academic Staff in Mechanical Department	College of Engineering International Conference, Federal University of Agriculture, Abeokuta	7th – 11th March, 2016.
2	Dr. O.R. Adetunji	Nigerian Metallurgical Society Annual Conference, Nigeria Army Guest House, Kaduna.	26th – 29th October, 2016

S/N	Staff Name	Award(s)	Year
1	Prof. B. A.	Professional Development Award – Presented by	2016.

	Adewumi	the Nigerian Corrosion Association, Western Chapter for the presentation of Keynote Address at the 2016 Annual Conference the Association	
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## COLFHEC:

### Grants won by Members of the College

Awardee	Grant/ Award	Prime Sponsor	Designation
Dr. A. O. Obadina	Collaborative NRF grant for 2016 NRF National Equipment Programme (NEP)	Department of Biotechnology and Food Technology, University of Johannesburg, South Africa	Beneficiary
	Up-Scaling Millet Grain Sourdough Technology and Extruded Snacks for Sustainable Livelihood in West Africa. Building on the Successes of the Africa-Brazil Agricultural Innovation Marketplace. February 2017 – December 2019.	M-BoSs. Brazil.	Beneficiary
Prof. L. O. Sanni	Cassava: Adding Value for Africa II (CAVA II) hosted in the Federal University of Agriculture, Abeokuta, Nigeria. Duration: April 2014 to date Amount: \$18.8m	Bill and Melinda Gates Foundation	Country Manager, Nigeria
	Centre of Excellence in Agriculture and sustainable environment for the Federal University of Agriculture, Abeokuta. Duration: February 2014 to date Amount: \$8m	World Bank	Program Leader (2014-2017), Food Processing and Value Addition
	Rockefeller Global Cassava Initiative on NRI Cassava Bag Technical Solution to Postharvest Physical deterioration Project (PPD), (B0507x1), Greenwich University, NRI, UK. Duration: 7 Nov 2017 to 31 Jan 2018 Amount: \$203, 500 of \$500,000	Rockefeller Foundation Cassava Innovation Challenge Project-NRI	Coordinator, FUNAAB
	Improving the livelihoods of smallholder cassava farmers through better access to growth markets (CassavaGmarkets) led by NRI/Greenwich University, UK Duration: June 2012 to March 2017 Amount: € 431,073 out of €3.2m	EU	Work Package 3 Leader
	Postharvest Loss Alliance for Nutrition (Landscape analysis and nutrient Retention study) Duration: 13 Jan to 30 Nov 2017 Amount: \$73,000	The Global Alliance for Improved Nutrition, Switzerland	Project Coordinator
	West and Central Africa Regional Cassava Technology Training Centre under the Project tagged, Increasing Performance of the Cassava Industry in West and Central Africa (IPCI) (B0441x2 Amendment 2), NRI/Greenwich University, UK	IFAD	Coordinator, FUNAAB

	Duration: 1 May 2017 to 30 Oct 2018 Amount: \$141,968		
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**Table 3: Fellowship/ Scholarship Awards to Members**

Awardee	Award	Prime Sponsor	Designation
Dr. A. O. Obadina	USAID Feed the Future Visiting Professor Award 2017	Michigan State University, USA.	Visiting Professor
	Mentor, Grooming Leaders for Agriculture (GLA) 2017 – till date		
	2016 Professor Oyewale Tomori National Young Academy Prize in Microbiology		
	International Union of Food Science and Technology (IUFoST) Ambassador Extraordinaire (2016 – 2018) (Dr. A.O. Obadina)	IUFoST	
	Member International Academy of Food Science and Technology Early Career Scientist IAFoST-ECS) 2016 – Till date	IAFoST	ECS
Prof. L. O. Sanni	President’s Distinguished Alumnus Award for Outstanding Achievements FUNAAB Alumni Association, Abeokuta, Nigeria. 13 January 2018	FUNAAB Alumni	
	Award of Excellence by Police Community Relations Committee (PCRC) Obantoko, Abeokuta, Ogun State, Nigeria. 2 Dec 2017	PCRC	
	Letter of Appreciation by AAU 14th General Conference and Golden. 5-6 June 2017		
	Presenter on Higher Education as a Tool for Promoting Democratic Governance. June 5 -6, 2017	Jubilee Celebration Accra, Ghana	
Dr. (Mrs.) G. O. Olatunde	Scholarship Award by Biosciences Eastern & Central Africa (Beca), International Potato Centre (CIP) and Natural Resources Institute (NRI) to attend a training workshop on ‘Managing food safety and quality in small-scale food processing for RTB value chains in Sub-Saharan Africa’ in Nairobi, Kenya; 4 <sup>th</sup> -8 <sup>th</sup> December, 2017.	CIP &NRI	Beneficiary
	Scholarship Award by SPHI (Sweetpotato for Profit & Health Initiative) of the International Potato Centre (CIP) to attend a Conference of the Markets, Processing & Utilization (MPU) Community of Practice (CoP) in Kisumu, Kenya; 1 <sup>st</sup> -3 <sup>rd</sup> March, 2017.	SPHI of CIP	Beneficiary
Dr. O. P. Sobukola	Fellowship to attend an International Training Course on Learning, Action Research and Outreach-Making Higher Education Boost Food Security between March 12-31, 2018. Organized by International Centre for developmental oriented research in Agriculture of Wageningen University of Agriculture and Research (WUR), Wageningen, Netherlands	WUR, Netherlands	Beneficiary
	Sponsorship to attend a Training workshop on Food Safety and Hygiene for Postharvest handling of Fresh Fruits and Vegetables between July 26-28, 2017 at The Sojourner by Genesis Hotel, GRA, Ikeja, Lagos State		Beneficiary
	Sponsorship to attend Training workshop on Innovative		Beneficiary



	Teaching and Learning, Fundraising and Gender Balance in Education between March 13-17, 2017 at Center for Food Technology and Research (CEFTER), Benue State University, Makurdi, Nigeria.		
	Visiting Professor to Department of Food Science and Technology, Faculty of Food Science and Human Nutrition, Lilongwe University of Agriculture and Natural Resources, Lilongwe, Malawi. (January 6 to 20, 2018)	Lilongwe University of Agriculture and Natural Resources, Lilongwe, Malawi.	Visiting Professor
Mrs. O. O. Bolajoko	Ph.D. Bench work scholarship	TETFUND	Beneficiary
Dr. (Mrs.) M. O. Adegunwa	Two year fellowship (2015 – 2017)	African Women in Agricultural Research and Development (AWARD)	Post Doctoral AWARD fellow
Mr. A. Adedipe	Ph.D. Scholarship	TETFUND	
Miss O. C. Oduntan	Ph.D. Scholarship	Needs Assessment Intervention Fund Award (NAIF)	

#### **COLPHYS:**

#### **RESEARCH GRANTS, FELLOWSHIPS, SCHOLARSHIPS AND AWARDS**

- Prof E.O. Dare of the Department of Chemistry won the prestigious German Alexandra Von Humboldt (AVH) Fellowship
- Dr. (Mrs.) Caroline A. Akinremi of the Department of Chemistry received the 2016 Schlumberger Foundation Inc. Faculty for the future award for women Fellowship.
- Mrs. Oluwafolake Esther OJO of the Department of Computer Science received the Tertiary Education Trust Fund (TETFUND) Academic Staff Training and Development (AST&D) Grant to carry out her Ph.D. Benchwork at the Department of Security, Networks and Multimedia, Institut Mines-Telecom, Cesson-Sevigne, France.
- Dr. (Mrs.) Saidat Adebukola ONASHOGA of the Department of Computer Science received 2016 Nigerian Women in Information Technology “Woman of the Year” Award during the National Information Technology Merit Awards in Lagos, Nigeria.
- Professor J.A. Oguntuase of the Department of Mathematics became fellow of the Nigerian Mathematical Society (NMS).
- Professor O.J. Adeniran of the Department of Mathematics became the Associate Editor of the Journal of Nigerian Mathematical Society.
- Professor E.O. Asiribo of the Department of Statistics received the Nigeria Statistical Association (NSA) honorary award.
- Professor J.A. Olowofela of the Department of Physics was appointed Oyo State Commissioner for Education, Science and Technology

## COLPLANT:

### GRANTS AND AWARDS (RESEARCH GRANTS, FELLOWSHIP, SCHOLARSHIPS AND AWARDS)

- \* Africa Cassava Agronomy Initiative (ACAI) funded through International Institute of Tropical Agriculture (IITA), Ibadan with Prof. F. K. Salako as Project Leader.  
**Royal Society-DFID Africa Capacity Building Initiative Programme Awards. December, 2014:** (Still in progress).  
**Title:** Strengthening African Capacity in Soil Geochemistry to inform Agricultural and Health Policies.  
  
**Total value:** One Million, One Hundred and Thirty Two Thousand, One Hundred and Sixty Two Pounds (£1,132,162.00)  
**Collaborating Institutions:** Professor **Jon Lloyd** of Imperial College, London (**Leader**); **DrAzeezJamiu** of Federal University of Agriculture Abeokuta, Nigeria; **Dr. Vincent Logah** of Kwame Nkrumah University of Science and Technology, Ghana and **Dr. HalidouCompaore** of Agriculture and Environment Research Institute, Burkina Faso.  
**Duration:** 2015-2019.
- Improved technology in sustainable Weed Management in Cassava has been on-going with the ADPs and Farmers in Ogun State
- \* Mrs O. O. C. Onasanya PhD Fellowship tenable at ETH Zurich, Switzerland with sponsorship from the Africa Cassava Agronomy Initiative (ACAI) project coordinated by International Institute of Tropical Agriculture (IITA), Ibadan. (Still in progress).
- \* ECOWAS-RAAF-PASANAO Project: (Still in progress).  
Incentivizing Adoption of Climate-SMART Practices in cereal Production in Nigeria

## CHAPTER FIVE

### 5.0 LINKAGES AND PARTNERSHIP

#### 5.1 South African Varsity to Partner FUNAAB



***The Ag. Vice-Chancellor, Prof. Olofide Enikuomihin (Centre), the visiting Vice-Chancellor, WSU, South-Africa, Prof. Rob Midgley (8th Right), WSU team members and top officers of FUNAAB.***

The Walter Sisulu University (WSU), Eastern Cape, South Africa, is ready to collaborate with the University in the areas of agricultural business, medicinal plants, waste products and food security. The Vice-Chancellor and Principal of WSU, Professor Rob Midgley, who was in FUNAAB, in the company of Professor Adebola Oyedeji and Dr. Vincent Nakin, sought to know how to turn farming in the rural area into an economy, how to turn a subsistent farmer into a small scale farmer, as well as how a small scale group of farmers can be turned into a commercial entity. He added, “How do I generate business around agriculture? WSU provides a gateway from poverty to some kind of economic improvement for families”.



***The Ag. Vice-Chancellor, Prof. Olofide Enikuomihin (Centre), the visiting Vice-Chancellor, WSU, South-Africa, Prof. Rob Midgley (8th Right), WSU team members and top officers of FUNAAB.***

Describing agricultural engineering as the study of the provision of tools for food security, the scholar said that the section could provide benefits within same community, other than being taking into another community and benefitting from that community. Professor Midgley stated further that WSU team was in FUNAAB, partly to see what kind of opportunities there are to tap from, as well as assess the way which things, as regarding agriculture, were done. His words: “How can we ‘steal’ some of your ideas and implement them there?. How we can get projects that we collaborate and may be able to do a research work together?”. He stressed that both universities share some similarities,

noting that they are not different from each other as the problems were alike, as well as the opportunities. He further stated that both institutions could work on the same project and look for funding opportunities together.

Professor Midgley restated the transformation processes of the university, saying that three higher institutions of learning were merged in 2006 to produce WSU. Professor Midgley, who said WSU was a comprehensive university, noted that it has four different campuses in four different cities and has produced four leaders in the Republic of South Africa. He explained the rationale behind the merger, as being economical, so as to guard against having many Vice-Chancellors and Registrars. He, however, noted that the merger was not easy, as various institutions with different cultures were put together.

Responding, the Acting Vice-Chancellor, Professor Ololade Enikuomihin, said that the parley had set a template for both teams to work with, as the Deans and Directors were enjoined to articulate all the views mentioned and come up with a brief that would be examined by the University Management. Professor Enikuomihin, while making a slide presenting about FUNAAB, reeled out the mission and vision statements of the University. He noted that the University was advancing towards a world-class status, a feat that could not be achieved in a day. He highlighted the world-class agenda of the University to be: visionary leadership; commitment to quality, sustainable funding and fund management, research – relevance and quality. Others are: teaching skills and competences for meaningful learning, community engagement as well as collaboration, partnership and internationalisation. He expressed satisfaction over the imported Kalahari goats from South Africa, saying that they were a pride to the University, which now possessed improved species named Kalahari Red Goats.



***L-R: The Vice-Chancellor, WSU, South-Africa, Prof. Rob Midgley; Prof. Adebola Oyedeji and Dr. Vincent Nakin***

The Acting Vice-Chancellor showcased some economically-viable products the University was producing, through the Industrial Park Unit that produces Cassava products, such as ‘garri’, ‘fufu’, cashew nuts, FUNAAB bread, honey, palm oil, palm wine, fish and fish products, cocoa plantation as well as animal products which were poultry and beef, among others. He, however, noted some challenges being encountered in the production processes such as lack of energy and water supply, funding, personnel and equipment, adding that this had posed major obstacle to the entrepreneurial

drive in the University. Professor Enikuomihin, who noted that FUNAAB was ready to collaborate with WSU, stated that in relation to building the image of the University to a world-class status, through entrepreneurship and industrial linkages, the University was expected to collaborate with other universities in project work, create a linkage with industries and have the opportunity to enhance the lives of the people.

Highpoint of the parley was the presentation of University's memorabilia to the guests. Present at the meeting were the Acting Registrar, Dr. Linda Onwuka; Acting Bursar, Mrs. Oluremi Oyewunmi; Librarian, Dr. Mulikat Salaam; Dean, College of Agricultural Management and Rural Development (COLAMRUD), Professor Bolanle Akeredolu-Ale; Dean, College of Plant Science and Crop Production (COLPLANT), Professor Mufutau Atayese; Dean, College of Animal Science and Livestock Production (COLANIM), Professor Oluseyi Oluwatosin; Dean, College of Engineering (COLENG), Professor Johnson Adewumi; Dean, College of Biological Sciences (COLBIOS), Professor David Agboola; Dean, Student Affairs, Professor Adeniyi Olayanju; Acting Dean, College of Veterinary Medicine (COLVET), Dr. Michael Takeet and the Director, Centre for Internationalisation and Partnerships (CENIP), Dr. Sheriff Adewuyi. Others were the Deputy Dean, College of Physical Sciences (COLPHYS), Professor Akinola Akinlabi; Deputy Dean, College of Food Science and Human Ecology (COLFHEC), Dr. Adegoke Bakare and a former Deputy Vice-Chancellor, Academic, Professor Toyin Arowolo.

Meanwhile, FUNAAB is one of the three Nigerian universities visited by the WSU team, others being the University of Ibadan (UI), and the University of Lagos (UNILAG), to establish institutional collaborations.

## 5.2 Landmark University, FMC to Partner FUNAAB



*The Acting Vice-Chancellor, Prof. Ololade Enikuomihin (4th Right); the visiting Vice-Chancellor, Prof. Adeniyi Olayanju (Centre); the DVC (A), Prof. Olujemisi Eromosele (4th Left); Dean, COLAMRUD, Prof. Bolanle Akeredolu-Ale (3rd Right), as well as FUNAAB and Landmark University officials.*

The Vice-Chancellor, Landmark University, Omu-Aran, Kwara State; Professor Adeniyi Olayanju, has expressed the intention of his University to partner FUNAAB, towards actualising the objectives of both universities while the Federal Medical Centre, Abeokuta has also stated its determination to collaborate with FUNAAB in the areas of establishing a teaching hospital as well as breast cancer

research and treatment.



***The Acting Vice-Chancellor, Prof. Ololade Enikuomehin (4th Right); the visiting Vice-Chancellor, Prof. Adeniyi Olayanju (Centre); the DVC (A), Prof. Oluyemisi Eromosele (4th Left); Dean, COLAMRUD, Prof. Bolanle Akeredolu-Ale (3rd Right), as well as FUNAAB and Landmark University officials.***

According to Professor Olayanju, who was until his appointment, the Dean, Student Affairs of FUNAAB, stated that he holds FUNAAB in high esteem, most especially, in the areas of sustainable agriculture, product development and raising graduate-farmers. Addressing the Acting Vice-Chancellor, Professor Ololade Enikuomehin; Professor Olayanju had stated that, “it is in recognition of your capacity and our passion for collaborative drive for continuous improvement in agricultural practice, as a panacea for hunger, poverty and economic downturn that we have made this visit, to initiate partnership processes towards actualising the objectives of the universities, for the ultimate gain of the society.”

“This is my first outing in an official capacity, as the third substantive Vice-Chancellor of the Landmark University, Omu-Aran (to FUNAAB); which I proudly call my home. The essence of which I place premium on, by paying a courtesy visit to the leadership of the University that gave me ample platform for academic and professional experiences that earned me this Vice-Chancellor’s appointment in a foremost private and agriculture-based University in Nigeria. We are happy to be here and open to progressive ideas that will transform agricultural and educational landscape of Africa”, he added. He said the collaborative effort between both universities would engender practical delivery of life-transforming products.



***The Acting Vice-Chancellor, Prof. Ololade Enikuomehin (Left); presenting University publications to the CMD, FMC, Prof. Adewale Musa, during the latter’s visit to the University.***

Professor Enikuomehin, however, assured Landmark University that FUNAAB would be available to give what was required to make the partnership successful. He added that he was pleased to welcome Professor Olayanju back to FUNAAB, saying “it is our pleasure to play host to one of our own. We

find it difficult to veer-away from acknowledging that Professor Olayanju is our own. It is really a pride to us that he was found worthy to be appointed as the Vice-Chancellor of Landmark University. I want to say clearly that we will be available to give all that is necessary, to make you succeed, as the Vice-Chancellor of Landmark University, knowing fully well that the partnership would also benefit us.” The Acting Vice-Chancellor admonished Landmark University to come up with detailed terms and conditions for the proposed partnership with the assurance that FUNAAB would welcome such since Professor Olayanju already knew what FUNAAB stood for.

While presenting courtesy gift items to the visiting Vice-Chancellor, the Deputy Vice-Chancellor (Academic) of FUNAAB, Professor Oluyemisi Eromosele, said she was glad to read of Landmark University’s drive to commercialise agriculture, as she charged Professor Olayanju to walk-the-talk. Present at the occasion were the Chairperson, Committee of Deans and Directors/Dean, College of Agricultural Management and Rural Development (COLAMRUD), Professor Bolanle Akeredolu-Ale and the Deputy Director II, Vice-Chancellor Office, Mrs. Toyin Dawodu, among others.

Similarly, the Acting Vice-Chancellor, Professor Ololade Enikuomhin, has lauded the leadership of the Federal Medical Centre, Abeokuta, for its desire at converting FMC into a teaching hospital with the full support of the University, while observing that “It was only someone that does not mean well that will want to remain restricted. We want to be bigger than we are. We want to be more contemporary than we are. We want to be more relevant to this system and community than we are. So, if this is able to come into reality, you can count on us to be partners with you. Whatever it entails, please, count us in”.

He added that the University would key into the innovation, to make the partnership a huge success in terms of research collaboration. The Acting Vice-Chancellor assured the visiting team from FMC that the University would soon put in place, a team, to be headed by the Deputy Vice-Chancellor (Academic), Professor Oluyemisi Eromosele, to discuss how to identify and evaluate areas of short, medium and long term collaboration, using the available funds. Professor Enikuomhin added that the team would also seek other options of getting funds and look into the existing structure, for maximum utilisation.

Professor Enikuomhin further appreciated the hospital management for its support and the series of healthcare accorded members of staff and students of the University. According to him, “It is exactly four days to this time last year; when we had our first crisis that took us months and which affected us in a tangible way. Even when we had the resources, we could not get there. But with just a mere phone call, they (FMC) attended to the issue and gave their best. Thanks, once again. There was no route to the Camp junction because it was blocked and people were scampering for their lives”, while soliciting that the hospital should continue to give its best to FUNAAB.

Earlier, the Chief Medical Director of FMC, Professor Adewale Musa, lamented the increased cases of breast cancer among young people, saying that the ailment was fast becoming aggressive despite all the available treatments and drugs. He identified research gap, as one of the factors responsible for the persistence of the problem, declaring his readiness to fight the deadly disease in conjunction with the University.

“You see, medicine is dynamic. We believe that we must work with what goes on in the world. You must have heard that I am doing a research on breast cancer among Whites and Blacks. When I was in Sagamu, we discovered that younger ones were coming up with breast cancer and we believe that this thing (disease), is becoming aggressive, despite all the treatments and drugs we gave them (patients). So, I wondered; what is really the problem among Blacks that is making it so aggressive.

So, we thought of going to the North and I am doing quite a lot of research on it, investigating the case among Whites. It is like the chemistry of breast cancer among Blacks is quite different from that of Whites. Yet, most of the drugs and research have been done on Whites”. He added that the huge benefits await the proposed collaboration with FUNAAB, stressing that FMC cannot operate in isolation regarding improvement in rendering quality health services.

### 5.3 UN Endorses FUNAAB’s OFSP



*The Co-ordinator, OFSP, FUNAAB and Director, AMREC, Prof. Victor Olowe*

The Sustainable Food Systems (SFS) Programme of the United Nations’ 10-Year Framework on Sustainable Consumption and Production (10 YFP), has endorsed the Organic Food System Programme (OFSP) of the University, as one of its eight core initiatives. FUNAAB and the Food Quality and Health Association, as the lead organisation of OFSP core initiative of the SFS programme, had earlier gone into partnership, with the intent of forming a successful team, to realise UN objectives.

According to the OFSP Co-ordinator in FUNAAB and a member of the Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN), Professor Victor Olowe, OFSP, as a forum, was set up to correct the dietary patterns of Nigerians, especially the elite that are becoming more ‘westernised’ with dire consequences for public health. It also created awareness for consumers to eat organically-produced foods such as vegetables and animal products. He noted that OFSP was designed for all stakeholders, along the value chains of diverse agricultural commodities, to interact and make significant contributions towards the reorientation of producers and consumers on the need to eat healthy foods.

Professor Olowe, who is also the Director, Agricultural Media Resources and Extension Centre (AMREC), disclosed that the programme combines sustainable food production (organic agriculture) and sustainable food consumption (organic consumption patterns) in a system, with its overall goal of bridging the existing value gap between production and consumption, through the implementation of result-oriented projects across the globe. He hinted further that the Organic Food System Programme, comprises growing number of partner organisations and individuals, seeking to transform communities toward true sustainability, based on regenerative production practices, healthy diets and sustainable lifestyles. According to him, by aligning with its like-minded initiatives of the 10YFP’s Sustainable Food Systems Programme, new opportunities for synergy and increasing positive impact, would be developed.



Professor Olowe noted that with partner organisations and involved individuals on all continents, OFSP would help to share the benefits of organic practices with interested initiatives across all societies, while adding that the University was a recognised partner of OFSP. The OFSP Co-ordinator further disclosed that other FUNAAB OFSP team members include Professor Adewale Dipeolu of the Department of Agricultural Economics and Farm Management, College of Agricultural Management and Rural Development (COLAMRUD); Professor Ibiyemi Olayiwola of the Department of Nutrition and Dietetics, College of Food Science and Human Ecology (COLFHEC); Professor Dorcas Adegbite of the Agricultural Media Resources and Extension Centre (AMREC); Dr. Abiodun Adeola of the Institute of Food Security, Environmental Resources and Agricultural Research (IFSERAR) and Mrs. Oluwatosin Adeyeye of Agricultural Media Resources and Extension Centre.

## World Renowned Mathematician Visits FUNAAB



*From Right: Director, Academic Planning, Prof. Olusola Adeniran; Prof. James Oguntuase; Dr. Idowu Osinuga, Acting HoD, Mathematics, Prof. Mathew Omeike with students from the Department of Mathematics during Prof. Smarandache's visit.*

A distinguished Professor of Mathematics at the University of New Mexico, Gallup, United States of America (USA), Florentin Smarandache, has visited the University to give further elucidation on the applications of neutrosophic set, as propounded by him. Professor Florentin Smarandache, a Romanian-American, who was visiting Nigeria for the first time, spoke to students from the Department of Mathematics, College of Physical Sciences (COLPHYS), saying that the neutrosophic set and logic deal with three components: Degree of Truth-Membership; Degree of Indeterminacy

and Degree of Falsehood-Nonmembership.

The Mathematician stressed that while neutrosophic probability and statistics were generalisations of classical and imprecise probability and statistics. According to him, the theory could be applied in Engineering, Finance, Robotics, Information Fusion, Medicine and Management, among others. The Dean of COLPHYS, Professor Amidu Mustapha, said that “We welcome a great Mathematician in our midst. I think we should all consider it a privilege because the person in front of us is not an ordinary Mathematician”. Professor Mustapha noted that Professor Smarandache was a founder of a unique aspect of mathematics. According to him, “It’s not everyday that you see and converse with a founder of an area of knowledge, it is on that note I consider all of us to be privileged and fortunate”.



*Prof. Florentin Smarandache (Arrowed) with lecturers and students from the Department of Mathematics.*

The Director, Information and Communications Technology Resource Centre (ICTREC), Professor Adeshina Agboola, who is also a co-researcher with Professor Samarandache on the neutrosophic set, reeled out his achievements in the area of neutrosophic theory, developed in 1995 and the theory of the fuzzy sets by Lofti Zadeh, developed in 1965, which he said were widely acknowledged and embraced in many countries in Asia. He added further that many books and journals had been written, based on the theory. Neutrosophy is a branch of philosophy which means the knowledge of neutralthought, which studies the origin, nature, and scope of neutralities, as well as their interactions with different ideational spectra. The words “neutrosophy” and “neutrosophic” were invented by him while books were also donated to the Department of Mathematics by Professor Samarandache at the occasion.

## US Government to Partner FUNAAB



***US Embassy Team Leader, Mr. Aruna Amithaneyagum (Centre); DVC (A), Prof. Oluyemisi Eromosele (2nd Left); Registrar, Mr. Mathew Ayoola (3rd Left); Acting Bursar, Mrs. Oluremi Oyewunmi (2nd Right); Dean, Postgraduate School, Professor Wilfred Alegbeleye (1st Left); and Mr. Clemson Ayegbusi from the US Embassy at the occasion***

The United States of America government, through its representatives from the American Embassy in Nigeria, has sought to collaborate with the University on the Fullbright Academic Exchange Programme. The expression for the collaboration was made known during a visit by a 3-man team, led by Mr. Aruna Amithaneyagum, from the American Embassy, Abuja to the University. Speaking on behalf of the team, Mr. Clemson Ayegbusi, who is representing the US Consulate, Lagos said that they were happy to be in the University and learn about its unique programmes.

According to Mr. Ayegbusi, “Universities of Agriculture are some of the universities we should be working with, going by the Federal Government’s plan to diversify the economy, as the various Universities of Agriculture are pivotal to promoting the nation’s economy. Therefore, in fulfilling that, the University (FUNAAB) has a role to play”, he added. Mr. Ayegbusi said that so far, the US government was working with 26 universities that are presently on its Fullbright Programme in the country. He added that the criteria for selecting a university would ensure that such had the capacity to host US scholars that would be coming to the University throughout the period of the programme. He described the programme as a ‘win-win’ situation for both the University and the US government such that the US government would be responsible for the cost of flight and salaries of the scholars sent down, while the University would be responsible for the scholars’ accommodation and welfare throughout the period. He disclosed further that another day would be scheduled for the

team from the US Embassy, to come back and inspect facilities on ground.



***Representative of the Vice-Chancellor and DVC (D), Prof. Ololade Enikuomihin (Left), being presented with a gift by the US Embassy Team Leader, Mr. Aruna Amithaneyagum during the visit***

The Vice-Chancellor, Professor Olusola Oyewole, who was represented by the Deputy Vice-Chancellor, (Development), Professor Ololade Enikuomihin, appreciated the team for visiting FUNAAB and assured them that the University was fully ready to welcome the inspection team whenever they were ready to do so. He said that a University, as big as FUNAAB, had the capacity they required to host American scholars that would be sent down for the exchange programme. Present at the occasion were the Deputy Vice-Chancellor, (Academic), Professor Oluyemisi Eromosele; the University Registrar, Mr. Mathew Ayoola; the Acting Bursar, Mrs. Oluremi Oyewunmi; and Dean, Post Graduate School, Professor Wilfred Alegbeleye.

## 5.4 FUNAAB Gets ECOWAS, PASANAO Commendations



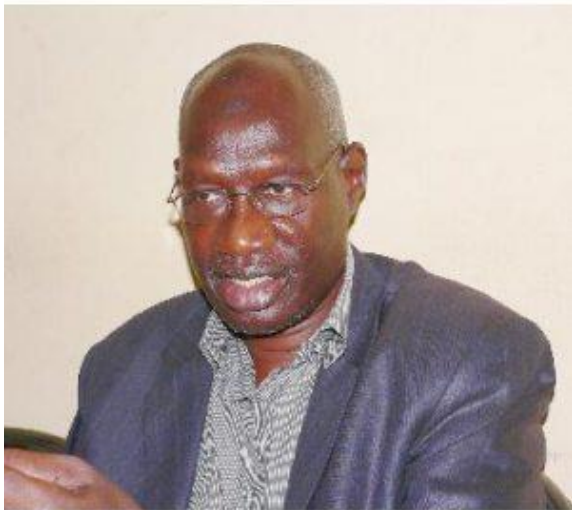
***Prof. Adebayo Shittu***

The University has been lauded for maintaining high level of implementation of its research funds. Giving the commendation was the Coordinator of both the Economic Community of West African

States (ECOWAS) Regional Agency for Agriculture and Food (RAAF) and the Support Programme for Food and Nutrition Security in West Africa (PASANAO), Mr. Amadou Konate, during the FUNAAB-RAAF-PASANAO project assessment and evaluation visit to the University, where he revealed that FUNAAB had benefitted from the One Hundred and Eighteen Thousand, Nine Hundred and Fifty-six Euros (€118,956) project, funded by ECOWAS' RAAF and PASANAO with the support of the French Development Agency (AFD), which was meant to last for one year.

Mr. Konate stated further that the programme was aimed at supporting Food Security and Nutrition in West Africa, and it is an organ of ECOWAS based in Lome, Togo. He said RAAF was mandated to support the project of ECOWAS through PASANAO, by calling for proposal for a pilot project that is focused on different topics such as Youth Empowerment in Rural Areas, Credit Insurance, Storage and Smart Agriculture. He noted that FUNAAB was the first Nigerian university to benefit from the funding and that presently, 24 projects were spread across different West African countries such as Burkina Faso, Niger, Togo, Benin Republic, Liberia, Nigeria and Senegal.

The FUNAAB Project Coordinator, Professor Adebayo Shittu of the Department of Agricultural Economics and Farm Management, College of Agricultural Management and Rural Development (COLAMRUD), who is also supervising the project being carried out in partnership with the National Cereals Research Institute (NCRI), Badegi, Niger State, stated that the essence of the team's visit was to evaluate the progress made so far on the project. Professor Shittu said the project had been running so smoothly with challenges that were surmountable. The Professor of Agricultural and Resource Economics, thanked the University Management and the Directorate of Grants Management (DGM) of FUNAAB, for the speedy approval of funds whenever request was made.



*Mr Amadou Konate*

“With six PhD and four Master’s students getting direct data, to help carry out their research, the project has also been helping the University to carry out its core mandate of teaching, research and extension”, adding that so far, four conference papers had been submitted from the preliminary results gathered, while it had been a ‘win-win’ partnership between FUNAAB and NCRI, which have five members on the project in which one of them was a PhD student. He said the farmers were the final beneficiaries of the research findings as they (the farmers), through interaction, engagement and education by the research team, were getting to know the causes of climate change, as against their initial, erroneous and superstitious belief that witches and wizards were responsible for climate change.

## 5.5 COLVET Gets Donation from German Foundation



*Representative of the Vice-Chancellor and the DVC (A), Prof. Olujemisi Eromosele (2nd Left, Sitting); the German Consul-General in Nigeria, Mr. Ingo Herbert (2nd Right, Sitting); the Dean of COLVET, Prof. Samuel Omotainse (Left, Sitting); and other members of staff after the donation.*

The University has added another valuable asset to its research kitty through the Molecular Microbiology Laboratory, Veterinary Teaching Hospital, and College of Veterinary Medicine (COLVET). This time around, the generosity is coming from the Alexander Von Humboldt Foundation, Germany. Speaking at the handing-over of the equipment, the Consul-General of the German Embassy in Nigeria, Mr. Ingo Herbert, expressed his joy to be in the University. He noted that the visit to FUNAAB would be his fourth to the ancient city of Abeokuta. He encouraged more scholars from the University to apply to the Alexander Von Humboldt Foundation, to get more benefits because it offers many opportunities that cover various disciplines. Mr. Herbert used the occasion to join the call for the diversification of the Nigerian economy, as he charged Nigerians to exercise patience because it usually takes some time to reap the benefits of diversification. The Consul-General, however, promised a fruitful partnership between the Alexander Von Humboldt Foundation alongside the German government and institutions in Nigeria, to foster development, as he revealed that Nigeria had more Humboldt scholars than other African countries.

Welcoming the Consul-General, the Vice-Chancellor, Professor Olusola Oyewole, who was represented at the occasion by the Deputy Vice-Chancellor (Academic), Professor Olujemisi Eromosele, thanked Mr. Herbert for making out time to commission the equipment in person while commending Dr. Olufemi Ojo of COLVET, who carried research work with the Foundation that eventually facilitated the donation of the equipment. The Vice-Chancellor expressed his conviction that the equipment would not only be useful for the research interest of Dr. Ojo, but would serve the interest of other students as well. The Dean of COLVET, Professor Samuel Omotainse, used the opportunity to introduce Mr. Herbert to the various Professors, heads of departments and administrative staff of the College.



*Some of the laboratory equipment donated by the Alexander Von Humboldt Foundation*

The equipment donated include the Eppendorf Mastercycler Nexus Thermal Cycler, Biocom Midi Horizontal Electrophoresis Package (Multi Submidi) and Eppendorf Research Plus 3, among others.

## 5.6 Centre of Excellence: World Bank, NUC Laud FUNAAB



***The Vice-Chancellor, Prof. Olusola Oyewole (5th Left, Front Row); University officials and members of the visiting team from the World Bank and NUC.***

A team of experts from the World Bank and the National Universities Commission (NUC), Abuja, have commended the activities of the University's World Bank Africa Centre of Excellence in Agriculture (CEADESE), a project sponsored by the World Bank. According to the Director of the Centre, Professor Okanlanwon Onagbesan, the supervisory team always visits the University, every six months, to ensure that CEADESE was doing everything rightly, as expected. The 6-man team was made up of four World Bank representatives alongside two NUC representatives. According to Professor Onagbesan, the visiting team is "Very happy with our (CEADESE) performance. They said we are on course; that we are doing everything well. I think we would achieve our goals as an Africa Centre of Excellence (ACE)". He said there were 10 universities in Nigeria and 23 in West Africa, designated as Africa Centres of Excellence and presently termed as ACE 1. He disclosed that the Centre was mandated to run postgraduate programmes; which were not only limited to Nigerian students alone, but open to others around the West African region, who they got across to, through different means of advertisement. "CEADESE postgraduate programmes are like normal establishments, modeled on how normal postgraduate programmes should be run. The students do have internship in related industries, where they are specialised and for which they have rated us high by using us (FUNAAB), as a model for others", he added.



***The Vice-Chancellor, Prof. Olusola Oyewole (Centre); University officials; and the team from the World Bank and NUC, at the party.***

According to the Director, the Centre was making progress within the available resources, as he further revealed that at inception, it had 64 students with 50 per cent for Master's Degrees while the

remaining 50 per cent were for Ph.D programmes. The first set of Master's students would be graduating this year, while the Ph.D students would follow suit, next year. He described the learning process of the students as demand-driven, which makes them to stand out and be more professional above the regular Master's or Ph.D students. As a means of facilitating easy and faster academic exercise, he said that the Centre supports its students with cash in their research work such that, each Ph.D student is supported with the sum of N1 million while each Master's student gets a token of N300,000, plus an additional allowance of N25,000 Naira, when on internship. The Don also revealed that the NUC team would be coming back soon; to carry out accreditation of their programmes; which would be the first-ever postgraduate studies' accreditation in Nigeria, especially in the sciences. This, before the end of the year, would dovetail into international accreditation, under the supervision of the World Bank. The team members also visited the Vice-Chancellor, Professor Olusola Oyewole, where they expressed their satisfaction on what they saw on ground at CEADSE and the ability of the Centre to attract high number of students.

Ms. Aisha Garba, who spoke on behalf of the team, disclosed that delay in approval and disbursement of funds was a major challenge being faced by most African Centres of Excellence (ACE), as she solicited the University's support towards the smooth running of the programmes by giving timely approval to the Centre's requests. Other members of the team are: Professor Jonathan Mbah, from the Association of African Universities (AAU); Dr. Carl Larsen, representing the World Bank; Professor Raphael Wahunu, also of the AAU; Mr. Obi Ukwuagu and Mr. Michael Ejegwa; both representing the National Universities Commission (NUC), Abuja.

## 5.7 LINKAGE AND PARTNERSHIP FROM COLLEGES

### **COLLEGE OF LIVESTOCK AND ANIMAL PRODUCTION (COLANIM)**

#### **Linkages and Partnerships (On-going Collaborations)**

The College had partnership with the following Institutions/organizations:

- Bill and Melinda Gates Program for Emerging Agricultural Research Leaders (PEARL) awards for Evaluation, Characterization and Development of high-producing local chicken germplasm for growth and egg production under semi-scavenging rural production.
- FUNAAB/NAFDAC Partnership
- FUNAAB/Biochem incorporated, Germany
- FUNAAB/Livestock Feeds Limited Partnership
- FUNAAB/NOVUS International and Norgein Nigeria Limited.
- Collaborative research between staff of the College and Njala University, Sierra Leone on strengthening farmer-research linkage in evaluating integrated feeding systems involving protein banks and dual purpose goat development in Sierra Leone under the Developing Partnerships in Higher Education (DELPHE) project funded by British Council.
- Partner with Biosciences eastern and central Africa-International Livestock Research Institute (BecA-ILRI) Hub, Nairobi, Kenya
- African Women in Agricultural Research and Development (AWARD) , Uganda



- African Chicken Genetic gain (ACGG) on the use of black Soldier fly on improved indigenous chicken and implications of enzyme supplementation
- Collaboration with Evonik Germany on implication of L-threonine supplementation on broiler chicken
- Collaboration with Impextraco Belgium on investigation of Multi-carbohydrase enzyme on the use of palm kernel cake in broiler chicken
- Collaborative research by academic staff (Drs. O. M. O. Idowu and O. A. Fasae) in the College with Njala University, Sierra Leone on strengthening farmer-research linkage in evaluating integrated feeding systems involving protein banks and dual-purpose goat development in Sierra Leone under the Developing Partnerships in Higher Education (DELPHE) project funded by British Council.
- A TETFUND sponsored collaborative study on the welfare and performance of four breeds of exotic pigs is also ongoing between our academic staff (Dr. O. O. Adeleye) and Institute of Agricultural Research and Training, Moor Plantation, Ibadan.

## CHAPTER SIX

### EXTERNAL ENGAGEMENTS

#### UNIVERSITY STAFF ON EXTERNAL ENGAGEMENTS IN THE YEAR 2017

S/N	Title	Names of Staff	Department	File No.	INSTITUTION
<b>A.</b>		<b>Leave of Absence</b>			
1	Prof.	Afolami Stephen O.	CPT	SP255	Augustine University Ilara-Epe, Lagos
2	Prof.	Olowofela Joseph A.	PHS	SP1013	Oyo State Government Cabinet
3	Prof.	Olayanju Tajudeen Muraina A.	AGE	SP1065	Landmark University, Omu-Aran, Kwara State.
4	Prof.	Oyekunle Mufutau A.	VMP	SP1071	University of Maiduguri
6	Prof.	Atungwu, Jonathan J.	CPT	SP529	Lagos State University, Ojo, Lagos
7	Mr.	Akinlabi, Peter Tale	Postgraduate School	SP564	Rufus Giwa Polytechnic, Ondo
8	Mr.	Udofia, Aniedia-Basi D.	Postgraduate School	SP1840	University of Uyo, Uyo
9	Mr.	Adewuyi, Peter Adebayo	Health Services	SP1365	
10	Mr.	Ogundimu, Olujimi Adebayo	COLAMRUD	SP944	D.S. Adegbenro ICT Polytechnic, Ogun State
11	Mrs.	Odetayo, Fatimo O.	Health Services	SP1812	
<b>B.</b>		<b>Sabbatical Leave</b>			
1	Prof.	Kadiri Mukaila	PAB	SP443	Kano University of Science & Tech., Wudi, Kano
2	Prof.	Bamgbose Olukayode	EMT	SP373	FUTA, Ondo State
3	Prof.	Henshaw, Folake O. (Mrs)	FST	SP31	O.O.U., Ago-Iwoye
4	Prof.	Folorunso, Olusegun	CSC	SP507	O.O.U., Ago-Iwoye
5	Prof.	Isah, Olubukola A. (Mrs)	ANN	SP1192	Nasarawa State University, Keffi
6	Dr.	James Ikechukwu J.	ANP	SP851	Landmark University, Omu-Aran, Kwara State.
<b>D.</b>		<b>Study Leave With Pay</b>			

1	Dr.	Oluwayinka Eniope B. (Mrs)	VMS	SP1801	US Dept. of Agric. (USA-ADOL)
2	Mrs	Olatunde Kofoworola A.	EMT	SP1591	University of Reading, UK
3	Mr	Aderibigbe Nurudeen A.	Nimbe Adedipe Library	SP1668	University of Zululand, SA.
4	Dr.	Makinde, Adeola Folashade (Mrs)	COLVET - Teach. Hospital	SP1025	
5	Mr.	Oluwatudimu, Emmanuel Oladipo	COLENG - Civil Engineering	SP998	Ahmadu Bello University, Zaria
		<b>Study Leave Without Pay</b>			
1	Mr.	Ewumi, Hassan Taiwo	Works & Services	SP2348	Federal University of Oye-Ekiti, Ekiti State

## CHAPTER SEVEN

### 7.0 WORKSHOPS AND CONFERENCES

## 7.1 Advanced Digital Appreciation Workshop for Staff

Staff of the University, drawn across the various departments and units, have undergone intensive training on Advanced Digital Appreciation, as provided by Digital Bridge Institute (DBI); a foremost computer training institute in the country, as the beneficiaries acquired skills on Statistical Packages for the Social Sciences (SPSS) and the Internet and Office Productivity Tools (IOPT), among others.



*Representative of the Vice-Chancellor and DVC (Academic), Prof. Oluyemisi Eromosele (Arrowed) with ADAPTI facilitators and participants*

The Training Co-ordinator of DBI, Mrs. Talatu Seye-Lawal, who represented the President of the Institute, Dr. Ikechukwu Adinde, stated that she was impressed by the conduct of trainees during the workshop. Similarly, the Acting Vice-Chancellor of FUNAAB, Professor Ololade Enikuomehin, who was represented at the closing ceremony by the Director, Academic Planning Unit; Professor Olusola Adeniran, congratulated the trainees for attending the workshop because of its enormous benefits.

Speaking on the experiences gained, Mr. Babatunde Tijani of the Registry Department, described the workshop as an eye-opener. He added that it had aided his understanding on efficient use of advanced application packages on his computer system. For Mrs. Alaba Adejimi of the Department of Computer Science, College of Physical Sciences (COLPHYS), the programme was expository. She noted that it had enhanced her analytical skills in SPSS. Alaba and Babatunde both commended the University for giving them the opportunity. The one-week long training, known as the Advanced Digital Appreciation Programme for Tertiary Institution (ADAPTI), was put together by DBI, in conjunction with the Nigerian Communication Commission (NCC).



*The representative of the Acting Vice-Chancellor and the Director, Academic Planning, Prof. Olusola Adeniran (Right), presenting a certificate to one of the participants, Mrs. Bolanle Olaleye, after the one-week programme.*

Earlier, at the opening ceremony, the Acting Vice-Chancellor, who was represented by the Deputy Vice-Chancellor (Academic), Professor Oluyemisi Eromosele, had described the place of computer in the present age as unmatched, as he charged the DBI team to keep up with the training. After the

training, successful participants were presented certificates by representative of the Acting Vice-Chancellor, Professor Olusola Adeniran.

## 7.2 IFSERAR Holds 4th Annual In-House Review Meeting



***Facilitators and participants at the IFSERAR's 4th In-House Review Meeting.***

The Institute of Food Security, Environmental Resources and Agricultural Research (IFSERAR) of the University, has held its 4th Annual In-House Review Meeting with the theme; “Re-Engineering Agricultural Practices for Economic Recovery”. Delivering the keynote address, Professor Tunji Arokoyo, from the National Agricultural Extension and Research Liaison Services (NAERLS), Ahmadu Bello University, Zaria disclosed that Nigeria is an untapped potential agricultural powerhouse that has no reason to either be food insecure or poor.

Professor Arokoyo described Nigeria as a well-endowed country that is blessed with 17 commodity-based research institutes, 78 faculties of agriculture in registered federal and state universities, three specialised universities of agriculture, 11 international agricultural research centres, 50 federal and state colleges of agriculture and related disciplines (fisheries, animal production and health, and land resources), but is still entangled in the web of poverty like several Africa countries. The Agricultural Extension Don related the problems of Nigerian agriculture to the absence of legislated policy, policy inconsistencies, low level of technology input, low level of farmers, poor and irregular funding of national researchers, poor developed agricultural and rural infrastructure, weak marketing system, low level private sector participation and lack of vision.

He decried the high level of food importation by the country, which he said was costing the country a lot of foreign exchange, saying it was unsustainable. He charged stakeholders in agriculture to look inward and start treating agriculture as real developmental project. He described the ripple effects of import dependency and allied practices as making most of our research institutes to become donor-driven. Professor Arokoyo submitted that to re-engineer the agricultural practices for economic recovery, the country should have a legislated agricultural policy, ensure sustainable funding mechanism for agricultural research and extension, encourage private sector participation and support for research, well-funded and sustainable manpower development that should be targeted towards national research, have a paradigm shift to agricultural research for development by

encouraging the use of ICTs for partnerships, networking and e-research/e-extension.



***Prof. Tunji Arokoyo (Right) addressing participants at the meeting.***

The Vice-Chancellor had welcomed all participants to the in-house review and called for improved qualities of research and researchers by attracting quality research grants that would support ground-breaking research and capacity building. The Vice-Chancellor said the University should strive to forge strong and international linkages, through collaborative research and to also develop good culture of research that is aimed at solving the problems of food security in our society. The Vice-Chancellor, who was represented by the Director of IFSERAR, Professor Akin Omotayo, described IFSERAR as an agricultural research institute that had become relevant in the country's national research focus by providing answers to food security questions. The Vice-Chancellor also called for the development of new varieties of food, industrial and livestock products through crosses of exotic with local varieties and effective methods to increase harvest in rain-fed, drip and organic agriculture, which, according to him, could only be achieved through partnership with universities, research institutes and industries within and outside the country. The Vice-Chancellor charged the participants to develop research projects that best addressed food security questions in Nigeria during the Research Review Meeting.

The Director of IFSERAR, Professor Akin Omotayo, had earlier welcomed the participants to the Research Review Meeting, as he summarised its core research activities to include agricultural mechanised and energy research programme, aquaculture and fisheries research programme, crop production research programme as well as food and nutrition research programme. Others are: food security and socio-economic research programme, livestock production research programme and natural science research programme. Present at the programme were the Dean, College of Agricultural Management Rural Development (COLAMRUD), Professor Bolanle Akeredolu-Ale; the Director, Agricultural Media Resources and Extension Centre (AMREC), Professor Victor Olowe; the Director, Student Industrial Work Experience Scheme (SIWES), Professor Grace Sokoya and Mrs. Atinuke Adiyeloja, the representative of the Acting Bursar, among others.

## CHAPTER EIGHT

### 8.0 STUDENTS ACTIVITIES

#### 8.1 FUNAAB Graduate Receives NYSC Award



*FCT Co-ordinator, NYSC, Mr. Abdulrasak Salawu (Right), presenting the award to Mr. Azeez Salawu*

A graduate from the University's Department of Plant Breeding and Seed Technology, College of Plant Science and Crop Production (COLPLANT), Mr. Azeez Salawu, has bagged the 2017 Federal Capital Territory (FCT) State Honours Award, as "the most outstanding National Youth Service Corps (NYSC) member in the FCT, Abuja". Azeez was awarded for his meritorious service to his country and the host Community during his NYSC programme.

According to Azeez, a 2015 graduate of the University, who served with the International Institute of Tropical Agriculture (IITA) Kubwa, Abuja under the Agricultural Transformation Agenda Support Programme, Phase One (ATASP-1) project, during his Service Year, participated actively in all his Platoon activities and also joined the Sustainable Development Goals (SDGs) training, which was led by SDGs advocates from the United Nations, where he presented a paper on how it was possible for SDGs to achieve its goal of 'No Poverty' and 'Zero Hunger', through the Aggressive Involvement of Youths in Agriculture, as part of the Transformation Agenda of the Federal Government. The former student of FUNAAB, stated that he had succeeded in putting in practical, the project during his tenure as the SDGs Agro-Allied Sub group President and was able to lead his colleagues to initiate and champion the projects, which included a visit to the Peygi Internally-Displaced Persons (IDPs) settlement maize farmland in Kuje Area Council, where his group taught the IDP farmers on the importance of agriculture and how to maintain and also make good yields on their maize farms; motivated his Community Development Service (CDS) group to visit Ushafa farmers in the Bwari Area Council, FCT, where they sensitised the farmers on how to make good use of fertilizers for increased yield and optimum productivity; as well as assisted Ushafa farmers that complained about their inability to access fertilizers, to link up with the Federal Ministry of Agriculture and Rural Development Co-operative Society, making them to have easy access to fertilizers, through the Federal Ministry of Agriculture and Rural Development (FMARD) Co-operative society, while the CDS group also donated some bags of NPK fertilizers to the farmers.

Other activities embarked upon by the alumnus of the University included championing the movement of his CDS group to acquire five hectares of farmland from the NYSC Kwali farmland for the SDGs Agro-Allied CDS; acquired two demonstration vegetable farmland in Government Secondary School, Jabi and Government Secondary School, Gwarimpa, where the CDS group trained the JSS students on the theory and practical demonstration of land preparation and management for vegetable production; served as an advocate of SDGs in the mandatory SDGs training for 40 secondary school students from Government Secondary School Jabi; and also initiated his CDS Group to the International Institute of Agriculture (IITA), to train the IITA Youth Agripreneurs on Agribusiness and Sustainability, among others.

For the University, the alumnus recommended that “the University Management should also key into the 2030 Agenda of the Sustainable Development Goals (SDGs) with more focus on the 1st and 2nd Global goals, through various sensitisation programmes, capacity building and training by partnering with the various international organisations like the United Nations (UN), European Union (EU), United States Agency for International Development (USAID), United Nations Development Programme (UNDP), Food and Agriculture Organisation of the United Nations (UNFAO), IITA, AfricaRice and African Development Bank (AfDB), among others, to end hunger and eradicate poverty in Africa.

Azeez, who had served in various capacities during his undergraduate days, such as President, Plant Breeding and Seed Technology Students Association; Public Relations Officer, FUNAAB Students Union Government; Ag. Public Relations Officer, National Association of Nigerian Students, Ogun State Chapter; Public Relations Officer, Plant Breeding and Seed Technology Students Association; Member, University Electricity Monitoring Committee in FUNAAB, headed by the Dean of Student Affairs; and Publicity Secretary, ‘FUNAABSUG at 25 Commemorative’ Programme, called on the University Management, to ensure that student union elections were held, very soon.



## 8.2 FUNAAB to Participate in WUG ... Staff School Holds Inter-house Competition



*The Acting Director, Directorate of Sports, Dr. Sam Olabanji (Arrowed) with officials and athletes at Makurdi, during the 25th NUGA*

Athletes and officials from the University have been selected, as part of the Nigerian contingent to the 29th World University Games (WUG), holding in Taipei, Taiwan, between August 19 and 30, 2017, themed: “University Sports: Globalising and Universalising Participation”. According to the Nigerian University Games Association (NUGA), the decision was taken because “of the University’s role in the development of sports in Nigeria”. The athletes and officials are: Miss. Naomi Oyinloye, a Postgraduate student in the Department of Zoology, College of Biological Sciences (COLBIOS), Female Badminton; Miss. Folashade Adedotun, Department of Chemistry, College of Physical Sciences (COLPHYS), Female Table Tennis; while Dr. Sam Olabanji, Acting Director, Directorate of Sports; is to lead the team from FUNAAB.



*The Acting Director, Directorate of Sports, Dr. Sam Olabanji (Arrowed) with officials and athletes at Makurdi, during the 25th NUGA*

It would be recalled that, the University contingents to the recently held 25th NUGA had excelled in the competition that took place at the Federal University of Agriculture, Makurdi, Benue State, by winning 1 Gold, 4 Silver and 8 Bronze medals. For NUGA, the University had over 70 athletes that took part in eight different sports such as Squash, Badminton, Chess, Table Tennis, Tennis, Taekwondo, Athletic and Hockey. The Squash female team won the Gold for the University by defeating the defending champion, University of Port Harcourt (UNIPOINT), in the finals by two straight sets. Prior to the games, the Squash female team of the University recently performed outstandingly during the Squash tournament to commemorate the 80th Birthday celebration of the nation’s former President, Chief Olusegun Obasanjo. Other sports that produced medals for the University were: Badminton, Chess, Table Tennis, Taekwondo and Tennis. The University of Port Harcourt came first at this year’s event followed by Ahmadu Bello University, Zaria. Reacting to the University’s results at the games, the Acting Director, Directorate of Sports, Dr. Sam Olabanji, stated that this year’s results was better than the last one, held at the Obafemi Awolowo University (OAU),

Ile-Ife in 2014. According to him, the athletes were improving and it was a reflection of hardwork and sign of commitment on the part of the coaching crew.



*The Team Captain, Vice-Chancellor House, raising the Victory Trophy at the Inter-House Sports Competition*

Dr. Olabanji, who has been selected as an official for WUG, suggested that for optimum performance by the coaching crew and the athletes in subsequent games, there was the need for the University Management to grant discretionary admission to some identified and talented athletes, seeking admission into the University, most especially, those that possessed the basic requirements. He noted that the Directorate requires more sporting facilities and equipment, to perform very well in future competitions. He added that the University's performance at other tournaments could also be enhanced when scholarship awards were given to the Gold medalists, alongside other incentives like financial reward and befitting reception.

He added that letters of commendation could equally be issued to all the members of staff that played one role or the other towards the success of the games. The Acting Director noted that the Directorate needed more coaches as technical staff, to support the present staff on ground, in addition to having a bus, to convey athletes to major events. Meanwhile, it would be recalled that the University emerged 17th position out of the 57 universities that it took part with 1 Gold, 4 Silver and 3 Bronze Medals at the 24th NUGA, held in OAU in 2014 while the 26th edition of the games would be held at the University of Lagos (UNILAG), in 2019.

In another development, Vice-Chancellor House which is Orange House, has emerged top at the just-concluded inter-house sports competition at the FUNAAB Staff School. The Vice-Chancellor's team pulled a total of 363 points ahead of Bisi Soboyejo House (Blue House) with 357 points and 'Nimbe Adedipe House (Yellow House) with 333 points, while Julius Okojie House (Green House) came last with a total of 328 points. The keenly-contested game brought a sense of togetherness and unity among the staff and pupils of the School, most especially, as the School is celebrating its 20 years of existence. Expressing her joy during the presentation of trophies to victorious athletes, the Head Teacher of FUNAAB Staff School, Mrs. Florence Alade, said that the School would be looking forward to holding a bigger inter-house sports competition, while thanking God for the success recorded. Mrs. Bukola David-Olaleye, a staff in the school, noted that sport is life, which informed the inter-house sports competition, which is held biennially. However, the game has been on hold since 2013, due to some challenges. Describing sports as part of learning and education, Pastor (Mrs.) Omotayo Obidare, one of the parents present at the event, said the game was interesting and thanked the school management for a well done job.

The duo of Ademola Kajola and Teniola Olajide, two pupils from the School equally expressed happiness at the games because it had brought them together with their friends in other classes. The Chief Host at the occasion and Deputy Vice-Chancellor (Academic) of FUNAAB, Professor Oluyemisi Eromosele, who was represented by Mrs. Oluwatoyin Dawodu, the immediate past Head, Senate and Admissions Unit, congratulated FUNAAB Staff School for the efforts put into organising

the inter-house sports competition, as she charged them to imbibe the spirit of sportsmanship as they compete in the various games

### 8.3 FUNAAB Graduate Becomes Berkman Klein Intern



*Damola Morenikeji at the 2017 Summer Internship Programme, Harvard University, USA.*

A graduate of the University from the Department of Plant Physiology and Crop Production, College of Plant Science and Crop Production (COLPLANT), Mr. Damola Morenikeji, has become an Intern of the Berkman Klein Centre for Internet and Society, Harvard University, United States of America. Damola, being the only African alongside other participants across the globe, contributed to some researches on ethics and governance of artificial intelligence for public good as well as digital economy with personal interest in young people with special focus on Africa. The Berkman Klein Centre for Internet and Society is dedicated to exploring, understanding and shaping the development of digitally-networked environment. It is a diverse and inter-disciplinary community of scholars, practitioners, technologists, policy experts and advocates that seek to tackle most of the important challenges of the digital age while focusing on tangible real-world impact in public interest.

Damola is a social entrepreneur that is committed to value-based leadership, future of education and governance. He works towards inspiring excellence in leadership through human development, social innovation, leveraging technology while developing systems. He is a recipient of the 2015 Africa Youth Awards for Excellence in Leadership by the Government of Ogun; FUNAAB Vice-Chancellor's Productivity Award; Finalist in the Life Changer's Rising Star Award, United Kingdom; Semi-finalist, Thiel Under-20 Fellowship for Innovators; Nominee for the 2016 Ten Outstanding Young Persons in Nigeria by the Junior Chamber International Nigeria; and the 2016 awardee of the Ten Outstanding Young Persons in Ogun State.

## 8.4 FUNAAB Students Lead At Sporting Competition



*L-R: Miss Odunola Oladunmoye; Miss Ibidunni Mejidade; Squash Coach, Mrs. Gladys Ochu; Miss Olayinka Yusuf and the Team Captain, Miss Chinyere Mmaduekobi; after the tournament.*

Some female students of the University have made waves at the squash tournament recently organised to mark the 80th Birthday celebration of the nation's former President, Chief Olusegun Obasanjo, at the sprawling Olusegun Obasanjo Presidential Library (OOPL), Abeokuta, Ogun State. The students are: Miss Chinyere Mmaduekobi, who captained the team and also emerged as the Ogun State Second Best Player, a 500-level student in the Department of Crop Protection, College of Plant Science and Crop Production (COLPLANT); Miss Odunola Oladunmoye, who emerged Third Position, another a 500-level student in the Department of Animal Physiology, College of Animal Science and Livestock Production (COLANIM); Miss Olayinka Yusuf, a 400-level student in the Department of Nutrition and Dietetics, College of Food Science and Human Ecology (COLFHEC), who won the Fourth Position, while Miss Ibidunni Mejidade is a 300-level student in the Department of Animal Physiology, COLANIM, who was fifth in the competition.

Commenting on the team's achievement, the University Squash Coach, Mrs. Gladys Ochu, stated that the team had been training for the forthcoming preliminary and finals of the Nigerian University Games Association (NUGA), holding at the University of Lagos and the University of Agriculture, Makurdi, Benue State, in March and April, respectively. She noted that members of the team had also been enhancing their performance through regular visits to the Squash Court at Ijeja, Abeokuta to compete with Ogun State players. The coach stressed that the team had been attending the games annually, adding that this year's event was more outstanding for the team. According to her, "I am happy that we are really trying our best and my colleagues, who are coaching other games, are trying their best, too. We hope to see the youngsters among the national team very soon".

Corroborating Mrs. Ochu, the Acting Director of Sports, Dr. Sam Olabanji, congratulated members of the winning team, adding that they should not rest on their oars as they could go further than the achieved feat. He noted that it was a thing of joy when efforts were rewarded. Dr. Olabanji said that there were two events that were played to commemorate the 80th Birthday celebration of Chief Obasanjo, namely: football and squash. He stressed that squash was prominent, due to the fact that it was a game that was loved by the former President, noting that Chief Obasanjo always kept himself fit through squash playing. The Acting Director advised the winners to see themselves as going beyond competing in students sports, adding that they should see themselves as future champions on the international arena. “We would also need to enhance their performance, commitment, endurance and discipline”, he noted. The students were presented with certificates of participation.

## 8.5 Loan Opportunities for Final Year Students

**T**he Central Bank of Nigeria (CBN), in partnership with the National Youth Service Corps (NYSC) and Sterling Bank, under the CBN-Entrepreneurship Development Centre (CBN-EDC), is inviting final year students of the University, who are preparing for their mandatory one-year NYSC, to take advantage of the Youth Entrepreneurship Development Programme (YEDP) for self-empowerment. According to the Project Director of the Centre, Dr. Olumide Ajayi, the programme commenced in Nigeria in 2008 with a goal to fighting unemployment, engendering wealth and creating jobs for Nigerian youths, and through CBN-EDC, alongside its implementing agency; the Africa Leadership Forum, over 18,000 people had been trained, while more than N440 million had been accessed as business loans in the last 10 years.

Interested individuals could take advantage of the offer, to obtain as much as between N3m and N10m in a group of three, to start up a business. Students, who partake in the scheme and obtain the loan, would be redeployed to the base, where they wish to commence their businesses and be allowed to use such engagements, as a service to the nation. In otherwords, their businesses would be considered as their places of primary assignments for the period of their youth service. Required documents needed to access the loan by an applicant include: student's Bachelor's degree certificate, bankable business plan, NYSC certificate or call-up number, verifiable means of identification and certificate of entrepreneurship training, which could be obtained after a six-week training at the YEDP Centre, which had been fully paid for by CBN, as each participant would register with the sum of N5,000. For more details, interested students should contact the website: [www.edcsouthwest.org](http://www.edcsouthwest.org), send e-mail to: [olumideajayi@edcsouthweste.org](mailto:olumideajayi@edcsouthweste.org), or call: 08023011543.

## 8.6 PG Student Gets Award in UK, ICPD Awards Certificates

A postgraduate student in the University's Department of Soil Science and Land Management, College of Plant Science and Crop Protection (COLPLANT), Mrs. Bolaji Thanni, has bagged the 'Most Promising Innovation Award', at the NextGen Bio-innovation competition, held at the African Diaspora Biotech Summit 2017, University of Cambridge, United Kingdom, while successful participants at the two-month Skill Acquisition Programme of the International Centre for Professional Development (ICPD) of the University, were recently presented completion certificates.



***Mrs. Thanni Bolaji***

For the UK award, an innovative presentation, which earned Mrs. Bolaji the award, was the “Advocate for Clean Climate and Environment (ACCE) Nigeria. According to her presentation, ACCE is an environmentally-conscious and non-profit organisation that is poised to providing solutions to the changing climate in Nigeria. The group was convened by Mrs. Bolaji Thanni and co-ordinated by the Convener, Mr. Rasheed Lawal (VP), Mr. Hammed Mogaji (Secretary), Mr. Segun Akintunde (Information Technology Personnel) and Mr. Daniel Anim (Research Officer), who were once students; either at the undergraduate or postgraduate level in the University. The organisation's staff adviser was Dr. Moses Oyatogun, Director FUNAAB Zoo Park. The NextGen Africa Bio-innovation pitching competition was held by the foundation, to celebrate bio-innovations made by Africa to improve life and system in Africa. JR biotech foundation is a non-profit organisation, established as an action oriented-entity, to enhance scientific research and research-based education in Africa. The foundation selected 17 African-based agricultural researchers, students and academics from the numerous applications received, to attend a world-class Molecular Biology Laboratory Training workshop with the Department of Plant Science, University of Cambridge.



***Dr. Raphael Iliyomade (Arrowed), ICPD officials and recently-certified trainees of the Centre***

The training, which provided participants with new knowledge and practical experiences on a variety of molecular biotechnology laboratory techniques, could be applied to improve the quality of their research and to train others. Also provided for them were training on molecular detection of plant viruses, immunodiagnostic test to identify infected plant, microscopic investigation of fungi colonisation in rice root and marker trait association, among others.

The summit's keynote addresses titled, "Strengthening Biotech Research Capacity Building, Innovation and Commercialisation in Africa" and "The Role of African Diaspora in Building Competitive and Sustainable African Bio-Economy" were delivered by the Director-General, National Biotechnology Development Agency, Professor Lucy Ogbadu and the Executive Director, Africa Foundation for Development, Mr. Onyekachi Wambu, respectively. One of the panel sessions with the theme, "Restructuring Africa's Tertiary Education System to Make it Globally Competitive", had the Director, Biotechnology Centre of FUNAAB, Dr. Adewale Obadina, where he spoke on the need to make tertiary education system in Africa attain global standing. He identified poor infrastructural development, lack of quality training, capacity building and funding for research and training at the university level, as well as obsolete teaching curricula as problems that limit creative thinking and the ability of many African students to compete on the global stage.



***Centre Manager, ICPD,  
Mr. Lawrence Kazeem***

In another development, the representative of Africa Asian Foreign Investment and Development Agency and Brightsworld Technology, Singapore, Dr. Raphael Iliyomade, during the presentation of ICPD Certificates, has tasked the newly-certified trainees, to create positive image about themselves, which, would determine what they want to become. He said, "Never allow circumstances to lead you, you have to lead circumstances", while sharing his personal experiences, as he told them that everything they acquire and learn now would determine who they become. Earlier, the Centre Manager of ICPD, Mr. Lawrence Kazeem, had welcomed the trainees, tasked them, never to be idle at any point in time, but keep their hands on something, which informed the two weeks training at the Centre. The trainees were certified on different fields such as mobile phone repairs and maintenance: solar and inverter installation



and maintenance, econometric and mathematical economics, events planning and management, business planning and proposal writing. Others include: computer engineering, computer communication, network and security, web design, application development, blog management, photography, catering and hotel management.

## CHAPTER NINE

### PHYSICAL INFRASTRUCTURES AND ENVIRONMENT

#### 9.1 MAJOR ACTIVITIES/ COLLABORATION IN THE YEAR 2016.

The year under review recorded some major developments of physical infrastructures most especially in the area of laboratories and other installations. Others were hostels, offices and lecture theatres.

S/N	PROJECT	SOURCE OF FUNDING	CONTRACT SUM	YEAR OF AWARD	REMARKS
1	Construction of Academic Building Complex (Block A)	Federal Government Revitalization Projects (NEEDS Assessment)	135.01M	2015	ONGOING
2	Construction of Academic Building Complex (Block B)	Federal Government Revitalization Projects (NEEDS Assessment)	140.42M	2015	ONGOING
3	Construction of Male Hostel ( Block A)	Federal Government Revitalization Projects (NEEDS Assessment)	155.7M	2015	ONGOING
4	Construction of Male Hostel ( Block B)	Federal Government Revitalization Projects (NEEDS Assessment)	193.75M	2015	ONGOING
5	Construction of Female Hostel - Block A (Arid Builders)	Federal Government Revitalization Projects (NEEDS	156.46M	2015	COMPLETED

		Assessment)			
6	Construction of Female Hostel ( Block B)	Federal Government Revitalization Projects (NEEDS Assessment)	201.24M	2015	ONGOING
7	Construction of College of Plant and Crop Production	Federal Government Revitalization Projects (NEEDS Assessment)	222.69M	2015	ONGOING
8	Construction of College of Food Science and Human Ecology (COLFHEC) Phase II	Federal Government Revitalization Projects (NEEDS Assessment)	210.634M	2015	COMPLETED
9	Construction of 250 Seater Computer Laboratory	Federal Government Revitalization Projects (NEEDS Assessment)	180.39M	2015	COMPLETED
10	Construction of Post Graduate Hostel Block A	Federal Government Revitalization Projects (NEEDS Assessment)	196.17M	2015	ONGOING
11	Construction of Post Graduate Hostel Block B	Federal Government Revitalization Projects (NEEDS Assessment)	196.17M	2016	ONGOING
12	Supply And Installation of Lecture Theatre Chairs for Academic Building (Block	Federal Government Revitalization Projects	27.021	2017	ONGOING

	A)	(NEEDS Assessment)			
13	Supply And Installation of Lecture Theatre Chairs for Academic Building (Block B)	Federal Government Revitalization Projects (NEEDS Assessment)	13.65M	2017	ONGOING
14	Supply and Installation of office Furniture and Fittings for College of Food Science and Human Ecology (COLFHEC) Building Phase II	Federal Government Revitalization Projects (NEEDS Assessment)	8.10M	2017	ONGOING
15	Supply and Installation of Classroom Furniture and Fittings for College of Food Science and Human Ecology (COLFHEC) Building Phase II	Federal Government Revitalization Projects (NEEDS Assessment)	7.83M	2017	ONGOING
16	Supply and Installation of Laboratory Furniture and Fittings for College of Food Science and Human Ecology (COLFHEC) Building Phase II	Federal Government Revitalization Projects (NEEDS Assessment)	24.05M	2017	ONGOING
17	Supply and Installation of Office Furniture and Fittings for College of Plant Science and Crop Production(COLPANT) Building Phase II	Federal Government Revitalization Projects (NEEDS Assessment)	10.206M	2017	ONGOING
18	Supply and Installation of Laboratory Furniture and Fittings for College of Plant Science and Crop Production(COLPANT) Building Phase II	Federal Government Revitalization Projects (NEEDS Assessment)	10.82M	2017	ONGOING
19	Supply and Installation of Office Furniture and Fittings for 250 Seater	Federal Government Revitalization	27.47M	2017	COMPLETED

	Computer Laboratory	Projects (NEEDS Assessment)			
20	Supply and Installation of Furniture and Fittings for Female Students' Hostel	Federal Government Revitalization Projects (NEEDS Assessment)	46.43M	2017	ONGOING
21	Supply and Installation of Furniture and Fittings for Male Students' Hostel	Federal Government Revitalization Projects (NEEDS Assessment)	48.43M	2017	COMPLETED
22	Supply and Installation of Furniture and Fittings for Postgraduate Students' Hostel	Federal Government Revitalization Projects (NEEDS Assessment)	13.492M	2017	ONGOING
23	Upgrading of Garri Processing Factory	CAVA Grant	15.88M	2017	COMPLETED

## 9.2 ACHIEVEMENTS IN 2017

- 1 Construction of Female Hostel - Block A(Arid Builders)
- 2 Construction of 250 Seater Computer Laboratory
- 3 Construction of College of Food Science and Human Ecology (COLFHEC) Phase II
- 4 Supply and Installation of Office Furniture and Fittings for 250 Seater Computer Laboratory
- 5 Supply and Installation of Furniture and Fittings for Male Students' Hostel
- 6 Participation in University Committee assignments that are compatible to Physical Development and Space Management such as:
  - (a) Budget committee
  - (b) Ceremonial committee
  - (c) University Central Project Monitoring Committee
  - (d) Special Committee on Dams and Water Projects
  - (e) Committee on Rehabilitation of the 3Hectares Fish Reservoir
  - (f) Procurement Planning Committee and Tenders Board
  - (g) University Sports Committee

(h) Council Committees



**COMPLETED AND IN USE 250 SEATER PHYSICS AND BIOLOGY LABORATORIES**



**COMPLETED AND IN USE 1000 CAPACITY LECTURE THEATRE**



**CONSTRUCTION OF 250 SEATER COMPUTER LABORATORY**



**CONSTRUCTION OF FEMALE HOSTEL BLOCK A**



**CONSTRUCTION OF FEMALE HOSTEL BLOCK A**





**CONSTRUCTION OF FEMALE HOSTEL BLOCK A**



**CONSTRUCTION OF FEMALE HOSTEL BLOCK A**



**CONSTRUCTION OF MALE HOSTEL BLOCK A**



**CONSTRUCTION OF MALE HOSTEL BLOCK A**



**CONSTRUCTION OF MALE HOSTEL BLOCK B**



**CONSTRUCTION OF MALE HOSTEL BLOCK B**

## CHAPTER TEN

### 10.0 FINANCE

The Bursary is responsible for the establishment and maintenance of proper books of accounts and records, preparation, allocation and control of annual budget, maintenance of good internal control system to safeguard the assets of the University and ensuring that grants and IGR are properly accounted for.

The Bursary Operations are fully computerized and are decentralized with accounting operations carried out in various Colleges/Centres of the University.

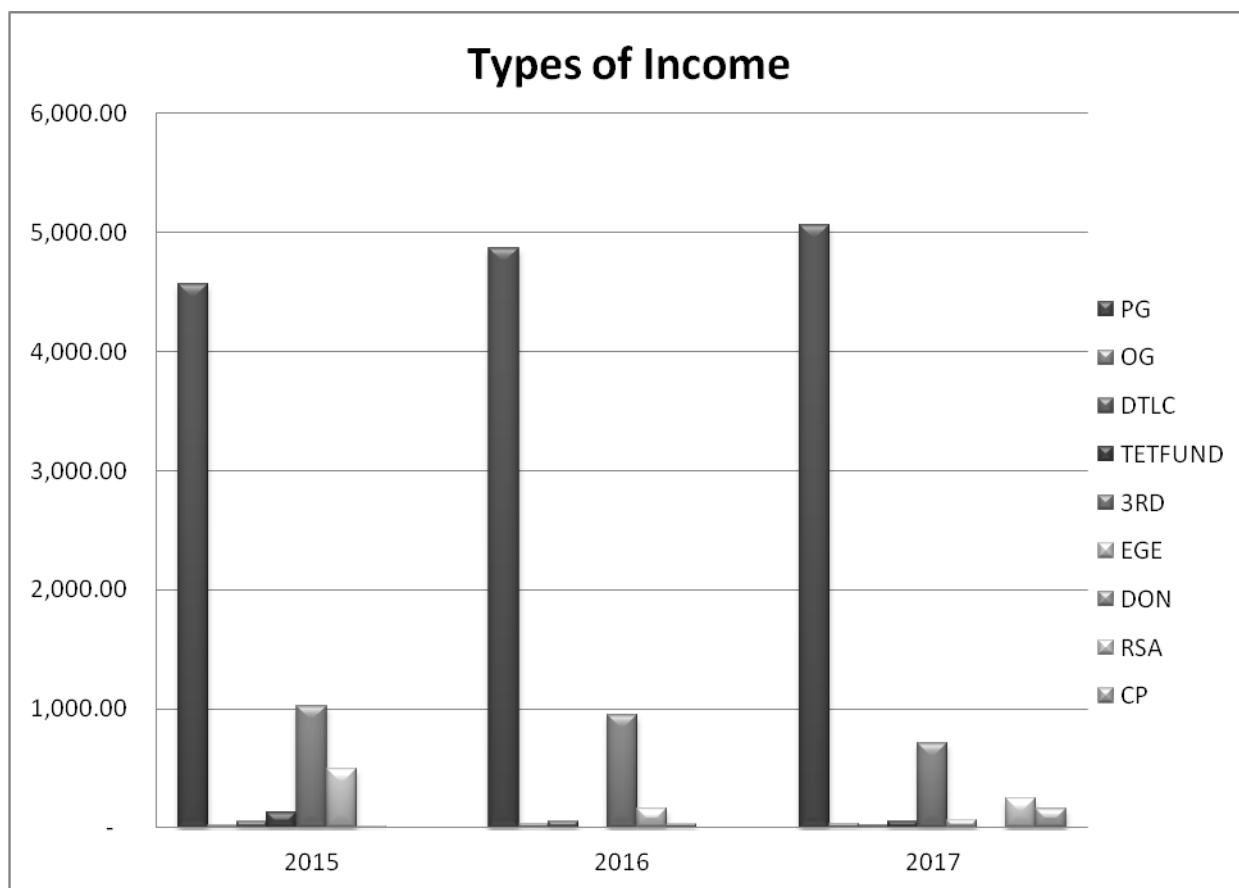
#### FINANCIAL STATEMENT OF INCOME AND EXPENDITURE

A	<b>RECURRENT</b>	2015	2016	2017
S/N		(JAN'15 - DEC'15) UNAUDITED	(JAN'16 - DEC'16) UNAUDITED	(JAN'17 - DEC'17) UNAUDITED
	<b>SOURCES OF INCOME (A)</b>	₦	₦	₦
1	Personnel Grant	4,562,663,060.54	4,866,615,439.00	5,058,482,214.97
2	Overhead Grant	22,860,888.05	35,924,980.50	33,366,783.24
3	Direct Teaching and Laboratory Cost Grant	49,287,868.00	52,909,081.20	22,244,522.16
4	ETF/TETFUND Intervention (Recurrent)	131,406,962.00	-	51,600,000.00
5	3rd Party Funds (Student's Service Charges)	1,018,404,582.00	946,252,497.21	705,004,447.69
6	Extra Government Earnings	491,878,041.65	162,454,297.54	67,636,125.75
7	Donations and Endowments	6,057,386.78	26,357,945.40	-
8	Research Grants & Aids	-	-	249,198,000.48
	<b>TOTAL INCOME</b>	<b>6,282,558,789.02</b>	<b>6,090,514,240.85</b>	<b>6,187,532,094.29</b>
	<b>EXPENDITURE ITEMS (B)</b>			
1	Personnel Cost	4,562,663,060.54	4,746,057,531.37	5,252,044,748.10
2	Departmental Expenditure	277,195,254.93	119,632,462.49	98,165,557.04
3	Library Development Expenditure	3,946,378.83	2,541,315.90	5,713,355.11
4	Academic Expenditures	256,166,797.02	196,961,656.07	354,169,263.91
5	Direct Teaching and Laboratory Cost Exp	49,287,868.00	14,696,967.00	22,244,522.16
6	General Administrative Expenditures	272,084,910.38	98,965,089.62	221,713,323.75
7	Depreciation	408,053,662.31	327,804,968.81	314,992,792.41
8	Finance Charges	5,689,321.20	5,623,349.83	5,079,406.09
	<b>TOTAL EXPENDITURE</b>	<b>5,835,087,253.20</b>	<b>5,512,283,341.09</b>	<b>6,274,122,968.57</b>
	<b>NET INCOME (A - B)</b>	<b>447,471,535.82</b>	<b>578,230,899.76</b>	<b>(86,590,874.28)</b>
B	<b>CAPITAL</b>			
	<b>SOURCES OF INCOME (A)</b>			
1	ETF/TETFUND Intervention (Capital)	57,765,546.49	-	-
2	Capital Grant	26,846,574.00	43,693,149.00	27,099,734.15
3	* IGR Capitalised	158,047,172.40	204,847,400.48	135,383,843.96

	<b>TOTAL INCOME</b>	<b>242,659,292.89</b>	<b>248,540,549.48</b>	<b>162,483,578.11</b>
	<b>EXPENDITURE ITEMS (B)</b>			
1	Capital Projects	242,659,292.89	248,540,549.48	162,483,578.11
	<b>TOTAL EXPENDITURE</b>	<b>242,659,292.89</b>	<b>248,540,549.48</b>	<b>162,483,578.11</b>
	<b>NOTE:</b>			
	Capital Expenditure from Recurrent Funds	158,047,172.40	204,847,400.48	135,383,843.96

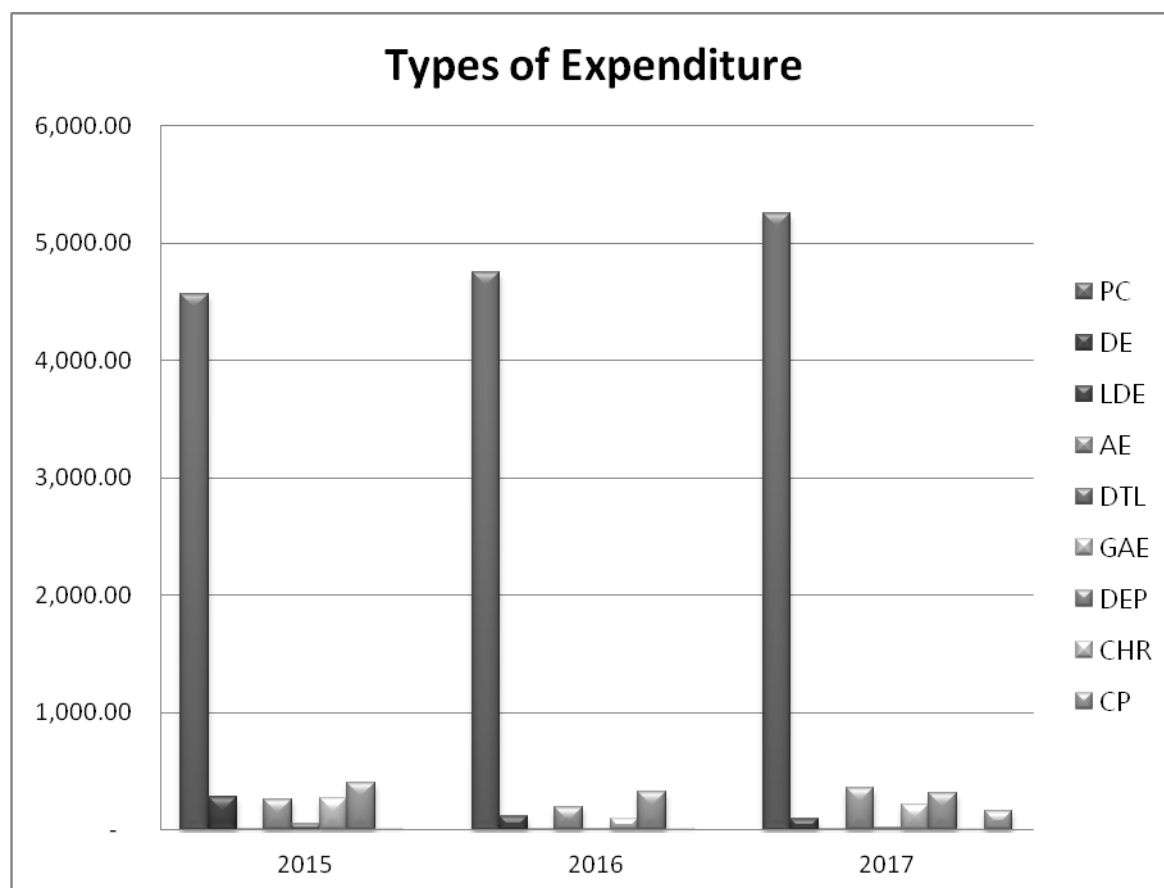
#### COMPARISON OF INCOMES FROM 2015 TO 2017

		(Jan'15 - Dec'15) UNAUDITED	(Jan'16 - Dec'16) UNAUDITED	(Jan'17 - Dec'17) UNAUDITED
		2015	2016	2017
		₦ million	₦ million	₦ million
Personnel Grant	PG	4,562.66	4,866.62	5,058.48
Overhead Grant	OG	22.86	35.92	33.37
Direct Teaching and Laboratory Cost Grant	DTLC	49.29	52.91	22.24
ETF/TETFUND Intervention (Recurrent)	TETFUND	131.41	-	51.60
3rd Party Funds (Student Service Charges)	3 <sup>RD</sup>	1,018.40	946.25	705.00
Extra Government Earnings	EGE	491.88	162.45	67.64
Donations and Endowments	DON	6.06	26.36	-
Research Grants & Aids	RSA	-	-	249.20
Capital Projects	CP			162.48
		<b>6,282.56</b>	<b>6,090.51</b>	<b>6,350.02</b>



**COMPARISON OF EXPENDITURE FROM 2015 TO 2017**

		(Jan'15 - Dec'15) UNAUDITED	(Jan'16 - Dec'16) UNAUDITED	(Jan'17 - Dec'17) UNAUDITED
		2015	2016	2017
		₹ million	₹ million	₹ million
Personnel Cost	PC	4,562.66	4,746.06	5,252.04
Departmental Expenditures	DE	277.20	119.63	98.17
Library Development Expenditure	LDE	3.95	2.54	5.71
Academic Expenditures	AE	256.17	196.96	354.17
Direct Teaching and Laboratory Cost Exp	DTL	49.29	14.70	22.24
General Administrative Expenditures	GAE	272.08	98.97	221.71
Depreciation	DEP	408.05	327.80	314.99
Finance Charges	CHR	5.69	5.62	5.08
Capital Projects	CP	-	-	162.48
		<b>5,835.09</b>	<b>5,512.28</b>	<b>6,436.61</b>





## BUDGET PERFORMANCE REPORT

		2015	2015	2016	2016	2017	2017
S/N	PARTICULARS	(JAN'15-DEC'15) BUDGETED	(JAN'15-DEC'15) ACTUAL	(JAN'16-DEC'16) BUDGETED	(JAN'16-DEC'16) ACTUAL	(JAN'17-DEC'17) BUDGETED	(JAN'17-DEC'17) ACTUAL
	<b><u>REVENUES (A)</u></b>						
1	Personnel Grant	4,599,394,511.00	4,562,663,060.54	4,783,480,090.00	4,866,615,439.00	5,116,021,486.00	5,058,482,214.97
2	Overhead Grant	23,951,606.00	22,860,888.05	39,916,645.00	35,924,980.50	65,399,883.00	33,366,783.24
3	ETF/TETFUND Intervention (Recurrent)	912,000,000.00	131,406,962.00	337,000,000.00	-	337,000,000.00	51,600,000.00
4	Direct Teaching and Laboratory Cost Grant	49,287,868.00	49,287,868.00	58,787,868.00	52,909,081.20	43,599,922.00	22,244,522.16
5	Research Grants & Aids	338,800,000.00	189,536,522.40	165,000,000.00	17,783,828.98	15,000,000.00	249,198,000.48
6	Extra Government Earnings	400,000,000.00	216,938,100.00	300,295,000.00	82,229,944.70	1,354,888,090.00	908,024,417.40
7	Donation and Endowments	25,000,000.00	6,057,386.78	10,000,000.00	26,357,945.40	-	-
8	Federal Government Grant for Capital Projects	-	-	-	-	-	27,099,734.15
	<b>TOTAL REVENUES</b>	<b>6,348,433,985.00</b>	<b>5,178,750,787.77</b>	<b>5,694,479,603.00</b>	<b>5,081,821,219.78</b>	<b>6,931,909,381.00</b>	<b>6,350,015,672.40</b>
	<b><u>EXPENDITURE (B)</u></b>						
1	Departmental Expenditure	347,770,538.40	277,195,254.93	191,910,638.00	119,632,462.49	195,474,148.58	98,165,557.04
2	Departmental Special Recurrent Expenditure	254,806,280.00	142,398,827.01	318,350,000.00	246,010,530.25	240,471,200.00	150,825,005.09
3	Works & Services- General Maintenance Costs	240,000,000.00	208,925,121.99	284,991,200.00	173,138,137.41	204,000,000.00	174,960,548.52
4	Capital Expenditure from Recurrent Funds	399,000,000.00	242,659,292.89	253,000,000.00	248,540,549.48	222,000,000.00	159,073,968.11
5	Personnel Cost	4,599,204,539.56	4,562,663,060.54	4,783,257,531.37	4,746,057,531.37	5,116,021,486.00	5,252,044,748.10
6	General Administrative Expenditures	371,050,000.00	272,084,910.38	318,350,000.00	246,010,530.25	328,350,000.00	221,713,323.75
7	General Academic Expenditures	256,000,000.00	256,166,797.02	330,500,000.00	196,961,656.07	711,099,922.00	376,413,786.07
8	Investment from Recurrent Funds	67,500,000.00	12,424,840.00	57,500,000.00	5,041,648.00	30,000,000.00	3,409,610.00
9	TETFUND Intervention Expenditure	912,000,000.00	57,765,546.49	337,000,000.00	--	-	-
	<b>TOTAL EXPENDITURE</b>	<b>7,447,331,357.96</b>	<b>6,032,283,651.25</b>	<b>6,874,859,369.37</b>	<b>5,981,393,045.32</b>	<b>7,047,416,756.58</b>	<b>6,436,606,546.68</b>