



## **Brief Profile of Professor Olusegun Mark Obafemi Idowu**

Professor Olusegun Mark Obafemi Idowu an indigene of Ado-Odo, Ogun State was born on 2nd October, 1965. He attended Methodist Central School and Alamuwa Grammar School respectively for his primary and secondary educations, all in Ado Odo. He is a distinguished Scholar and Alumnus of the Federal University of Agriculture, Abeokuta (FUNAAB). He is indeed a thorough bred FUNAABITE having obtained his B. Agric (Hons), M. Agric. and PhD. in Monogastric Animal Nutrition from Department of Animal Nutrition, FUNAAB.

Professor Idowu joined the services of FUNAAB as a Graduate Assistant in May 1997 and progressed to become a Professor in October, 2014. His administrative and academic experience traversed the length and breadth of the University system, having acted as Acting Head of Department of Animal Nutrition, Member of University Senate, Member of Senate Business Committee, Chairman-University Central Timetable Committee and Member of University Statutory Committees such as Academic and Curriculum Planning, **Senate Coordinating Committee on Examination Results (SECOCER)**, to just mention a few. He was the Pioneer Coordinator for Foundation Science Programme, in the FUNAAB- Institute for Human Resources Development. He has various trainings in Open and Distance Programme. His stint for e-learning, open and distance education and learning technologies prompted his participation in several capacity building programmes locally and internationally. He was appointed as the Pioneer Director of FUNAAB Distance Learning Centre, 2015 - 2019.

Prof. Idowu is an icon of repute and has published 60 articles in learned Journals, 20 articles in Refereed Conference Proceedings and Commissioned Organic Poultry Projects. He has supervised over 100 undergraduate students, 35 MSc/M. Agric students and 10 PhD students. A recipient of so many prizes, honours, grants and commendations nationally and internationally recognized among which are DelpHE Research Grant and EDULINK ACP-EU Co-operation Programme - Training Scholarship.

He belongs to many professional and academic associations such as Nigeria Institute of Animal Science, Nigeria Society for Animal Production, Nutrition Society of Nigeria, World Poultry Science Association among others.

For Professor Idowu, he is not only an achiever in his chosen secular career, he is also a community leader in his home base, Ado Odo, Ogun State, Nigeria and the General Overseer of Ecclesia of Bible Faith, Abeokuta.

# CURRICULUM VITAE – PROF. O.M.O. IDOWU

## 1) PERSONAL DATA

Name:	IDOWU Olusegun Mark Obafemi
Date of birth	2nd October, 1965
Place of birth:	Ado Odo
Age	56 years
Sex:	Male
Marital Status:	Married
Nationality:	Nigerian
Town and State of Origin:	Ado-Odo, Ogun State
Contact Address:	Department of Animal Nutrition, Federal University of Agriculture, Abeokuta, NIGERIA
Phone Number:	+234 8035030175
E- mail Address:	<a href="mailto:omoidowu2000@yahoo.com">omoidowu2000@yahoo.com</a> <a href="mailto:omoidowu2000@gmail.com">omoidowu2000@gmail.com</a> <a href="mailto:idowuomo@funaab.edu.ng">idowuomo@funaab.edu.ng</a>
Present Employer:	Federal University of Agriculture, Abeokuta, NIGERIA <a href="http://www.unaab.edu.ng/">http://www.unaab.edu.ng/</a>
Present post and Salary:	Professor/ Director of FUNAAB Distance Learning Centre - CONUAS 07 Step 07( ₦5,235,066/annum)
Post on Promotion:	- nil

## **EDUCATIONAL BACKGROUND**

(i) **Educational Institutions attended with dates:**

- (a) Alamuwa Grammar School, Ado- Odo, Ogun State (Jan. 1979 – Dec. 1983)
- (b) St. Stephen Commercial High School, Ado- Odo, Ogun State (Jan. 1983 – June 1985)
- (c) Federal University of Agriculture, Abeokuta (October 1988 – May, 1994)
- (d) Federal University of Agriculture, Abeokuta (May1995–September, 1999)
- (e) Federal University of Agriculture, Abeokuta (May 1999 – August, 2004)

(ii) **Academic and Professional Qualifications with dates:**

- (i) West African School Certificate (June, 1985)
- (ii) B.Agric. (2<sup>nd</sup> Class Upper Division)(Animal Nutrition) 31 May , 1994
- (iii) M. Agric.- (Monogastric Nutrition) September 10, 1999
- (vii) Doctor of Philosophy (Ph.D) Animal Nutrition (Monogastric)  
(August 9, 2004)

(iii) **Prizes, Honours, Grants, National and International recognition**

- a. Best Academic Performance at 200 Level Scholarship for 1988/89 Session, College of Animal Science and Livestock Production, Federal University of Agriculture, Abeokuta.
- b. Best Academic Performance at 300 Level Scholarship for 1989/90 Session, Department of Animal Nutrition ,College of Animal Science and Livestock Production, Federal University of Agriculture, Abeokuta.

- c. Best Academic Performance at 400 Level Scholarship for the 1991/92 Session, Department of Animal Nutrition College of Animal Science and Livestock Production, Federal University of Agriculture, Abeokuta.
- d. Oke-Ona Dynasty Fund Scholarship Award 1992.
- e. UNAAB/IFSERAR 2010 GRANT /7.5/ N215, 000 on project **Effect of copper and probiotic as feed additives on performance, gut microfora, residues in products and cholesterol status of hens** .
- f. DelPHE 2009/2010 Research Grant ( £59,100) –Project Reference 772. **Strengthening Farmer – Research –Linkage in Evaluating Integrated Livestock Feeding Systems involving Protein Banks. FUNAAB/ Njala University Sierra Leone.**
- g. TETFUND 2010 Conference Grant to 5<sup>th</sup> International Seminar on Tropical Animal Production (ISTAP), Indonesia (October 19-22, 2010).
- h. Beneficiary EDULINK ACP-EU Co-operation Programm - Training Scholarship 2009: Institutional Capacity Building For Organic Agriculture in West Africa, Hosted in Coventry University United Kingdom .
- i. TETFUND Grant for International Conference 2011 to attend 15<sup>th</sup> IEASA Conference hosted by Durban University of Technology, South Africa.
- j. Travel Grant by West African Network of Organic Agriculture and Research & Training (WANOART) to Train-of-Trainers Workshop on Organic Agriculture at Kwame Nkrumah University of Science and Technology, Kumasi, August 5-15<sup>th</sup> 2012.

### **03) WORK EXPERIENCE**

#### **A. ADMINISTRATIVE EXPERIENCE**

##### **At the University of Agriculture, Abeokuta**

- (1) Chairman, Senate Committee on Examination Results SECOSER(2021 - to date)
- (2) Director, FUNAAB Distance Learning Centre (Dec. 2015- 2019)
- (3) Ag. HOD, Animal Nutrition department, UNAAB, (2011- 2013)
- (4) Chairman, University Time Table and Examination Committee (TIMTEC) 2009- 2012.
- (5) Departmental Rep., College Board of Studies 2006 - to 2011
- (6) Department of Animal Nutrition Postgraduate Coordinator 2005 to 2010
- (7) Programme Coordinator, Foundation Science Programme, Centre for Human Resources Develop. CENHURD -UNAAB 2006- 2007
- (8) Secretary, Poultry Management Technical Committee, 1999 to 2006.
- (9) TEFAMAC, COLANIM representative 2001-2004
- (10) Chairman and Departmental rep., College Feed Mill Committee 2004 to date
- (11) Deputy Coordinator, College Undergraduate Project Seminar 2002 to 2009

(12) Class Adviser – 500 level, ANN Department.

**At the National Open University of Nigeria, Lagos**

- i. Chairman, Investigation Panel on Extortion of Student “Nzeh Joan”
- ii. Member, Appointment and Promotion Central Committee, National Open University of Nigeria, Lagos. (2014- 2015).
- iii. Member, Board of School of Science and Technology (2014- 2015)..

**B.WORKING EXPERIENCE**

**Date of first appointment and post**

16<sup>TH</sup> May 1997 as Graduate Assistant , Department of Animal Nutrition .

**Date of confirmation :** 1<sup>ST</sup> August , 1999.

**Progression since first appointment:**

**Professor** 1<sup>st</sup> October, 2014 - to date Animal Nutrition Dept, FUNAB

**Associate Professor (Sabbatical)** - 14<sup>th</sup> April, 2014 – March 2015 School Of Agricultural Science,National Open University of Nigeria, Lagos.

**Reader** 1<sup>st</sup> October, 2011- 30<sup>th</sup> September 2014 Animal Nutrition Dept, FUNAB

**Senior Lecturer** 1<sup>st</sup> October , 2008 to 30<sup>th</sup> September 2011 ANN DEPT., FUNAAB

**Lecturer I** 1<sup>st</sup> October , 2005 to 30<sup>th</sup> September 2008 ANN DEPT., FUNAAB

**Lecturer II** 1<sup>st</sup> October , 2002 to 30<sup>th</sup> September 2005 ANN DEPT., FUNAAB

**Assistant Lecturer**, 4<sup>th</sup> September, 1999 to 29<sup>th</sup> September 2002 ANN DEPT., FUNAAB

**Graduate Assistant** 16<sup>TH</sup> May, 1997 to 3<sup>rd</sup> September, 1999 ANN DEPT., FUNAAB

### TEACHING EXPERIENCE

- (a) At the Department of Animal Nutrition, University of Agriculture, Abeokuta (11/5/1997 – 9/9/99). I taught tutorial and practical classes at levels 200 -500 in all courses related to Animal Nutrition and supervision of final year student projects.
- (b) At the Federal University of Agriculture, Abeokuta (10 September 1999 to date). I taught the following courses:

#### 1998/99 Session

Course Code	Level	Course Title	Unit	No. of students	No. of lecturers
ANN 202	Undergraduate	Introduction to animal biochemistry	3	320	3
ANN303	Undergraduate	Principles of animal nutrition	3	300	3
ANN 509	Undergraduate	Instrumentation and feed analysis	2	90	2
AGS 597/598	Undergraduate	Seminars	1	150	-

#### 1999/2000 Session

Course Code	Level	Course Title	Unit	No. of students	No. of lecturers
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ANN 202	Undergraduate	Introduction to animal biochemistry	3	350	4
ANN303	Undergraduate	Principles of animal nutrition	3	300	2
ANN 509	Undergraduate	Instrumentation and feed analysis	2	100	2
AGS 597/598	Undergraduate	Seminars	1	158	

**2000 / 2001 Session**

<b>Course Code</b>	<b>Level</b>	<b>Course Title</b>	<b>Unit</b>	<b>No. of students</b>	<b>No. of lecturers</b>
ANN 202	Undergraduate	Introduction to animal biochemistry	3	450	4
ANN303	Undergraduate	Principles of animal nutrition	3	350	2
ANN 509	Undergraduate	Instrumentation and feed analysis	2	110	2
AGS 597/598	Undergraduate	Seminars	1	158	

AGP 599	Undergraduate	Project	5	2	1
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**2001 / 2002 Session**

<b>Course Code</b>	<b>Level</b>	<b>Course Title</b>	<b>Unit</b>	<b>No. of students</b>	<b>No. of lecturers</b>
ANN 202	Undergraduate	Introduction to animal biochemistry	3	550	4
ANN303	Undergraduate	Principles of animal nutrition	3	400	2
ANN 509	Undergraduate	Instrumentation and feed analysis	2	140	2
AGS 597/ 598	Undergraduate	Seminars	1	160	
AGP 599	Undergraduate	Project	5	4	1

**2002 / 2003 Session**

<b>Course code</b>	<b>Level</b>	<b>Course Title</b>	<b>Unit</b>	<b>No. of students</b>	<b>No. of lecturers</b>
ANN 202	Undergraduate	Introduction to animal biochemistry	3	550	2
ANN303	Undergraduate	Principles of animal	3	420	2



	e	nutrition			
ANN 509	Undergraduate	Instrumentation and feed analysis	2	128	2
AGS 597/ 598	Undergraduate	Seminar	1	153	8
AGP 599	Undergraduate	Project	5	10	1

**2003 / 2004 Session**

Course Code	Level	Course Title	Unit	No. of students	No. of lecturers
ANN 202	Undergraduate	Introduction to animal biochemistry	3	825	4
ANN 303	Undergraduate	Principles of animal nutrition	3	420	2
ANN 509	Undergraduate	Instrumentation and feed analysis	2	155	1
ANN 508	Undergraduate	Non ruminant Animal Nutrition	3	163	1
AGP 597	Undergraduate	Seminar I	1	118	24
AGP598	Undergraduate		1	118	24

AGP 599	Undergraduate	Project	5	8	1
PDA 711	Postgraduate Diploma	Poultry Nutrition	3	3	1
PDA 713	Postgraduate Diploma	Rabbit Nutrition	3	3	2
PDA 715	Postgraduate Diploma	Feed Quality control	3	2	1
PDA 710	Postgraduate Diploma	Swine Nutrition	3	1	1
ANN 714	Postgraduate	Advances in Poultry Nutrition	3	6	1
ANN 702	Postgraduate	Instrumentation in Animal Nutrition	3	6	1
ANN 705	Postgraduate	Advances in Chem. & Metabolism of Carbohydrates. + lipids	3	8	1
ANS 798	Postgraduate	Seminar	2	8	23
ANS 799	Postgraduate	Project	6	4	12

PDA 798	Postgraduate	Seminar	2		23
PDA 799	Postgraduate	Project	6	1	1

### 2005 / 2006 Session

Course Code	Level	Course Title	Unit	No. of students	No. of lecturers
ANN 303	Undergraduate	Principles of animal nutrition	3	420	2
ANN 509	Undergraduate	Instrumentation and feed analysis	2	155	1
ANN 508	Undergraduate	Non ruminant Animal Nutrition	3	163	1
AGP 597	Undergraduate	Seminar I	1	118	24
AGP598	Undergraduate	Seminar II	1	118	24
AGP599	Undergraduate	Project	5	8	1
PDA 711	Postgraduate Diploma	Poultry Nutrition	3	3	1

PDA 715	Postgraduate Diploma	Feed Quality control	3	2	1
ANN 714	Postgraduate	Advances in Poultry Nutrition	3	6	1
ANN 702	Postgraduate	Instrumentation in Animal Nutrition	3	6	1
ANN 705	Postgraduate	Advances in Chem. & Metabolism of Carbohydrates. + lipids	3	8	1
ANS 798	Postgraduate	Seminar	2	12	23
ANS 799	Postgraduate	Project	6	8	12
PDA 798	Postgraduate	Seminar	2	1	12
PDA 799	Postgraduate	Project	6	1	1

**2006 / 2007 Session**

<b>Course Code</b>	<b>Level</b>	<b>Course Title</b>	<b>Unit</b>	<b>No. of students</b>	<b>No. of lecturers</b>
ANN 303	Undergraduate	Principles of animal nutrition	3	580	4
ANN 509	Undergraduate	Instrumentation and feed analysis	2	170	3

ANN 508	Undergraduate	Non ruminant Animal Nutrition	3	173	3
AGP 597	Undergraduate	Seminar I	1	118	24
AGP598	Undergraduate		1	118	24
AGP 599	Undergraduate	Project	5	8	1
PDA 711	Postgraduate Diploma	Poultry Nutrition	3	3	1
ANN 714	Postgraduate	Advances in Poultry Nutrition	3	10	2
ANN 712	Postgraduate	Advances in Swine Nutrition	3	10	1
ANN 705	Postgraduate	Advances in Chem. & Metabolism of Carbohydrates. + lipids	3	14	1
ANS 798	Postgraduate	Seminar	2	23	23
ANS 799	Postgraduate	Project	6	8	12

PDA 798	Postgraduate	Seminar	2	1	23
PDA 799	Postgraduate	Project	6		

**2007 / 2008 - 2013/ 2014 Sessions**

Course Code	Level	Course Title	Unit	No. of students Per session	No. of lecturers
ANN 303	Undergraduate	Principles of animal nutrition	3	(2007/2008)  (2008/2009)	4  4

				854 (2009/2010)	4
				799 (2010/2011)	4
				1200 (2011/2012)	4
				1650 (2012/2013)	4
				1700 (2013/2014)	4
ANN 509	Undergraduate	Instrumentation and feed analysis	2	210(2007/2008)	2
ANN 508	Undergraduate	Non ruminant Animal Nutrition	3	217 (2007/2008)	3
				540 (2008/2009)	2
				398(2009/2010)	2
				350 (2010/2011)	2
				520 (2011/2012)	2
				540 (2012/2013)	2
				(2013/2014)	2
AGP 597	Undergraduate	Seminar I	1	(2007/2008)	
				62(2008/2009)	10
				47(2009/2010)	12
				48 (2010/2011)	13
				2012/2013	13
				(2013/2014)	14
FPY 441	Undergraduate	Organic Livestock Pratices	1	800 (2011/2012)	1

AGP598*	Undergraduate	Seminar II	1	(2007/2008)	
				62 (2008/2009)	10
				<b>47</b> (2009/2010)	12
				<b>48</b> (2010/2011)	13
				(2011/2012)	
				2012/2013	
				(2013/2014)	
AGP 599	Undergraduate	Project	5	<b>5</b> (2007/2008)	1
				<b>6</b> (2008/2009)	1
				<b>7</b> (2009/2010)	1
				<b>6</b> (2010/2011)	1
				6 (2011/2012)	1
				7 2012/2013	1
				6 (2013/2014)	1
PDA 711	Postgraduate	Nutrition of poultry breeders	3	1 (2012/2013)	1
	Diploma			3 (2013/2014)	1
PDA 711	Postgraduate	Poultry Nutrition	3	<b>5</b> (2007/2008)	1
	Diploma			<b>2</b> (2008/2009)	1
				<b>3</b> (2009/2010)	1
				<b>7</b> (2010/2011)	1
				9 (2011/2012)	1
				13 (2012/2013)	1
				(2013/2014)	1



ANN 714	Postgraduate	Advances in Poultry Nutrition	3	<b>11</b> (2007/2008) <b>8</b> (2008/2009) <b>5</b> (2009/2010) <b>2</b> (2010/2011) 10 (2012/2013) (2013/2014)	3 2 1 1 2
ANN 705	Postgraduate	Advances in Chem. & Metabolism of Carbohydrates. + lipids	3	<b>14</b> (2007/2008) <b>15</b> (2008/2009) <b>10</b> (2009/2010) <b>3</b> (2010/2011) 2012/2013 (2013/2014)	1 1 2 2 3
ANN707	Postgraduate	Bioenergetics	3	23 (2011/2012) 17 (2012/2013) (2013/2014)	1 1
ANS 798	Postgraduate	Seminar	2	(2007/2008) (2008/2009) (2009/2010) <b>2</b> (2010/2011) 2012/2013	13

ANS 799	Postgraduate	Project	6	(2013/2014) (2007/2008) <b>15</b> (2008/2009) <b>10</b> (2009/2010) 17 (2010/2011) 19 2012/2013 (2013/2014)	
PDA 798	Postgraduate	Seminar	2	(2007/2008) (2008/2009) (2009/2010) (2010/2011) 2012/2013 (2013/2014)	23

**2016- 2017 and 2017 / 2018 Sessions**

<b>Course Code</b>	<b>Level</b>	<b>Course Title</b>	<b>Unit</b>	<b>No. of students</b>	<b>No. of lecturers</b>
ANN302	Undergraduate	Introduction to Feed Technology	2	120	3
ANN303	Undergraduate	Principles of animal nutrition	2	560	4
ANN304	Undergraduate	Agricultural Biochemistry	2	560	4
BCH 301	Undergraduate	Metabolism of Carbohydrate	2	70	3
FPY442	Undergraduate	Organic livestock production	1	1200	1
ANN 509	Undergraduate	Instrumentation and feed analysis	2	340	3
AGS 597/ 598	Undergraduate	Seminars	1	160	
ANN 807	Postgraduate	Bioenergetics	3	14	2
ANN814	Postgraduate	Advances in Poultry Nutrition	3	10	2

**Total number of undergraduate supervised = 83**

**04) SPECIAL ASSIGNMENTS/ COMMUNITY SERVICE**

#### **UNIVERSITY COMMITTEE MEMBERSHIP/ADMINISTRATIVE POSITION**

- (1) Member, Senate Business Committee (2019 - to date)
- (2) Member, Academic Curriculum Committee 2019 – update
- (3) Director, FUNAAB Distance Learning Programme (DLP)(Dec.2015 –to date)
- (4) Team Leader , Organic Livestock Working Group FUNAAB
- (5) Faculty Member, Annual Summer School on Organic Agriculture.
- (6) Member , e-Examination Committee (2010 to date )
- (7) Acting Head of Department, Animal Nutrition, COLANIM (8 Feb 2012 – 9<sup>th</sup> Feb. 2013)
- (8) Chairman, University Time Table and Examination Committee (TIMTEC) 2009-2012.
- (9) Member, University Senate (2010- 2013)
- (10) Member, Academic Curriculum Committee 2010 – 2012
- (11) Member, Housing ,Space Allocation Committee (Feb 2010- 2012)
- (12) Member, College Examination Committee on Examination Results COSER-COLFHEC (2010 - to date)
- (13) Member, Senate Committee on Examination Results SECOSER(2007 - to date)
- (14) Secretary, Poultry Management Technical Committee (POMTEC 1999 to 2006)
- (15) Member, COLANIM Board of Studies ( February 2005 - 2012)
- (16) Member , COLANIM Rep -Students' Disciplinary Committee (2005- 2006)
- (3) Member, Time Table Committee, TIMTEC 2002 to 2012
  
- (17) Member, Turkey Sub- Committee ( 2004 – to date)
- (18) Member, Special Committee on Cases of Withdrawal 'U' and Withdrawal 'P' .

#### **EXTENSION / COMMUNITY SERVICE**

- (1) Chairman, Ado Odo Organic Agriculture Advocacy Forum
- (2) Manuscript Reviewer for Nigerian Journal of Animal Production.
- (3) Manuscript Reviewer for Nigerian Poultry Science Journal.
- (4) Manuscript Reviewer for Journal of Organic Agriculture and Environment (JOAEN).
- (5) Pastor, Christ Apostolic Church, Jesus Only Jesus Ever, Camp Abeokuta.
- (6) Chairman , Local organizing Committee of 1<sup>st</sup> Annual Poultry Seminar of World's Poultry Science Association (Nigeria Branch) . Held at Farm Gate Hotel , Ota, Ogun State Nigeria. On the 14<sup>th</sup> of August 2002.
- (7) Convener- Publicity & Protocol Sub Committee of 7<sup>th</sup> Annual Conference of Animal Science Association of Nigeria. Held At Univ. of Agriculture , Abeokuta, Nigeria. On the 16- 19<sup>th</sup> Sept. 2002.
  
- (8) President, Bible Faith International Christian Centre, Obantoko, Abeokuta: 2002 – to date

- (9) Preacher / Clergy, St. Michael Anglican Church, Obantoko Abeokuta: 2004 to date.
- (10) Joint Admission and Matriculation Examination (JAMB)– Centre Supervisor 2006- to date
- (11) Member Post JAMB screen exercise – UNAAB 2006/2007 and 2007/2008, 2008/2009, 2012/2013
- (12) Resource person – Training the trainers on organic farming Organized by AMREC June 2010.
- (13) Returning Officer – 2011 General Election in Ogun State (Sagamu II Constituency)
- (14) External Examiner for Undergraduate Programme at the Department of Animal Production, Federal University of Technology, Minna – 2011 to date
- (15) External Examiner for MSc Candidate Makinde Olayinka John at Department of Animal Science , Ahmadu Bello University, Zaria, November 28<sup>th</sup> 2012
- (16) Resource person 2013– Career Talk for Secondary School Students – Ado-Odo/ Ota held at Alamuwa Grammar School, Ado-Odo, Organized by Ado Odo Foundation.
- (17) Chairman, New Era Community Boundary Reconciliation Committee, James Fatola Estate- Odeda Community Development Association. June 2012-Dec 2013
- (18) Ex-officio , New Era Community Development Association, -Odeda CDA (2011- April 2016)

#### **05) TRAINING PROGRAMME ATTENDED**

1. Certificate course in Advanced Digital Appreciation Program- Tertiary (ADAPT) Training. Organized by International Centre for Communications Studies, Abuja. Facilitated by Digital Bridge Institute. Held at Ogbomoso, Nigeria between November 27<sup>th</sup> - December 1<sup>st</sup> , 2006.
2. Short course in Organic Agriculture (Equivalent to Module M72NEV -12 Credits) from Coventry University Postgraduate Degree Programme in Environmental Management and Sustainable Agriculture, UK, 20 August – 3 September 2009.
3. First West African Network on Organic Agriculture Research and Training (WANOART) training of trainers workshop in Organic agriculture held at the College of Agriculture and National Resources, Kwame Nkrumah University of Science and Technology, Kumasi, GHANA, 5 -15<sup>th</sup> August 2012.

#### **06) COMMENDATION**

- (1) Letter of commendation, dated 20<sup>th</sup> Nov. 2006 **by the HOD, Animal Nutrition** on Successful coordination of Accreditation Exercise Conducted by NUC between Monday 13<sup>th</sup> – Friday 17<sup>th</sup> November, 2006 .
- (2) Letter of commendation and Appreciation, dated 30<sup>th</sup> July 2007 **by the Director, Centre for Human Resources Development (CENHURD), UNAAB** for hard work, devotion to duty and integrity.
- (3) Letter of commendation, dated 5<sup>th</sup> Feb. 2008 **by the Senate, University of Agriculture, Abeokuta** for high level of commitment and dedication as a member of Senate Committee on Examination Results(SCER)
- (4) Letter of commendation, dated 18<sup>th</sup> Aug. 2008 **by the Vice Chancellor, University of Agriculture, Abeokuta** on the conduct of First Semester examinations as a member of University Time Table and Examination Committee(TIMTEC).
- (5) Letter of commendation, dated 6<sup>th</sup> Feb. 2009 **by the HOD, Animal Nutrition** for high level of dedication, diligence and hard work towards the timely and successful compilation of 2<sup>nd</sup> Semester 2007/2008 results.
- (6) Letter of commendation, dated. 5<sup>th</sup> August 2010 **by the Vice Chancellor, University of Agriculture, Abeokuta** for high level of commitment and dedication as a member of Senate Committee on Examination Results(SCER).
- (7) Letter of commendation, dated. 2010 **by the Chairman, Third Anniversary Committee in office of the Vice Chancellor, University of Agriculture, Abeokuta** for high level of commitment and well executed programme as a member of Planning Committee .

- (8) Letter of appreciation and commendation, dated 2<sup>nd</sup> April 2012 **by the Vice Chancellor, Federal University of Agriculture, Abeokuta** for excellent performance and selfless service during my tenure as the Chairman, University Time Table and Examination Committee (TIMTEC), Federal University of Agriculture, Abeokuta.
- (9) Letter of commendation, dated 2<sup>nd</sup> April 2013 **by the Registrar on behalf of the Vice Chancellor, Federal University of Agriculture, Abeokuta** for invaluable contributions, diligence and honesty which lead to profit recorded by the University via Raising of Specially –Bred Jumbo Turkeys for 2012 Christmas and End of the Year seasons by the Turkey Committee.

#### **07) MEMBERSHIP OF PROFESSIONAL /ACADEMIC ASSOCIATIONS**

- (1) Member, Nigerian Society for Animal Production
- (2) Member, Nutrition Society of Nigeria
- (3) Member, Animal Science Association of Nigeria (MASAN)
- (4) Member, World Poultry Science Association, Nigeria Branch
- (5) Registered Member, Institute of Animal Science of Nigeria

#### **08) RESEARCH INTERESTS AND COMMISSIONED PROJECTS**

- a) Monogastric Nutrition with emphasis on using non-conventional ingredients as alternative feed ingredients for poultry and rabbits.
  - b) Mineral Nutrition of Poultry
  - c) Reduction in cholesterol contents of poultry products through Hypo-cholesterolemic feedstuffs and feed additives
  - d) Organic poultry nutrition
- A. RESEARCH COMPLETED BUT NOT YET PUBLISHED**
- I. Effect of copper and probiotic as feed additives on performance, gut microflora, residues in products and cholesterol status of hens .
  - II. Effect of copper and probiotic as feed additives on performance, gut microflora, residues in products and cholesterol status of broiler chickens.
  - III. Effects of supplemental probiotic on laying hens fed organic diet.

## **B. RESEARCH IN PROGRESS**

- i. Elimination of copper in the tissues and organs of broiler chickens following dietary exposure
- ii. Determination of protein and energy requirements of free range and pasture chickens

## **09 ) PUBLICATIONS:**

(i) **Idowu, O.** (1994): Local Versus Imported Fishmeal in Broiler Diets.

*(B.Agric., Research Project, University of Agriculture, Abeokuta. Pp 1-107*

.(ii) **Idowu, O.M.O.** (1999):Performance and Nutrient Utilization of Broiler Chickens Fed

Lowered –Protein Levels Under Two Housing Systems. *(M.Agric. Dissertation,*

*University of Agriculture, Abeokuta. Pp 1-135*

(iii) **Idowu, O.M.O.** . (2004) Effects of Unpeeled Cassava Based-Diets on Performance and

Cholesterol Status in Laying Hens.( *PhD Thesis, University of Agriculture, Abeokuta. Pp 1-185*



*Articles in Learned Journals :*

- 1 **Idowu, O.M.O.**, Eruvbetine Daisy, Oduguwa, O.O., Bamgbose, A.M. and Abiola, S.S. (2003) . Response of finishing broiler chickens fed three energy/protein combinations at fixed E:P ratio. ***Nigerian Journal of Animal Production 30(3) 185-191***, Published by The Nigerian Society For Animal Production. Available online at <http://www.ajol.info/index.php/njap>.
  
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**F = Foreign / Offshore journals**

**\* = Articles added since last promotion**

#### **Articles in Refereed Conference Proceedings:**

- <sup>F</sup>62. Oduguwa, O.O. , Fafiolu, A.O., **Idowu, O.M.O.**and Adisa, O.S. (2006). Response of laying hens to diets containing cashew nut reject meal. Proceedings of **Annual Spring Meeting of WPSA UK Branch held 28 – 29 March 2006**, York University. UK. Published

in *British Poultry Abstracts*, an official publication of British Poultry Science Limited. *British Poultry Abstracts*. 2 (1) 44 –45. <http://www.tandfonline.com/loi/cbpa20>

- <sup>F</sup>63. Fafiolu, A.O., Jegede, A.V., Oso, A.O., **Idowu, O.M.O.**, Jacobs, S.T. and Baungartner, M. (2007). Effect of dietary carnine supplementation on performance and nutrient metabolisability of starting broiler chickens in diets containing cashew nut reject meal. Proceedings of **Annual Spring Meeting of WPSA UK Branch held 3 –4 April 2007**, Royal Clifton Hotel and Theatre and Floral Hall Complex, Southport, Lancashire. Published in *British Poultry Abstracts*, an official publication of British Poultry Science Limited *British Poultry Abstracts*. 3(1) : 37-38 <http://www.tandfonline.com/loi/cbpa20>
- <sup>F</sup>64. **Idowu, O.M.O.**, Fafiolu, A.O., Oduguwa, O.O. and Eruvbetine, D. (2007) Inorganic and bioplex copper residues in liver, egg and excreta of chickens. Proceedings of **Annual Spring Meeting of WPSA UK Branch held 3 –4 April 2007**, Royal Clifton Hotel and Theatre and Floral Hall Complex, Southport, Lancashire. Published in *British Poultry Abstracts*, an official publication of British Poultry Science Limited *British Poultry Abstracts*. 3(1) : 38-39 <http://www.tandfonline.com/loi/cbpa20>
- <sup>F</sup>65. Oso, A.O., Bamgbose, A.M., Fafiolu, A.O., **Idowu, O.M.O.**, Sobayo, R.A. and Dada, W.O. (2007) Response of chicks to diets containing tiger nut (*Cyperus rotundus*, Linn.) meal. Proceedings of **Annual Spring Meeting of WPSA UK Branch held 3 –4 April 2007**, Royal Clifton Hotel and Theatre and Floral Hall Complex, Southport, Lancashire. Published in *British Poultry Abstracts*, an official publication of British Poultry Science Limited *British Poultry Abstracts*. 3(1) : 43-44 <http://www.tandfonline.com/loi/cbpa20>
- <sup>F</sup>66. Fafiolu, A.O., Oduguwa, O.O., Bamgbose, A.M., Fanimu, A.O., Jegede, A.V. and **Idowu, O.M.O.** (2009). Enzyme (Rovabio®) in diets containing undecorticated sunflower seed meal for broiler starters. Proceedings of **Annual Spring Meeting of WPSA UK Branch held 31<sup>st</sup> March - 1<sup>st</sup> April 2009**, at The Floral Hall Complex, Southport. Published in *British Poultry Abstracts*, an official publication of British Poultry Science Limited *British Poultry Abstracts*. 5(1) : 4-5. <http://www.tandfonline.com/loi/cbpa20>

- <sup>F</sup>67 Oke, F.O., Oduguwa, O.O., Fafiolu, A.O., Jegede, A.V., **Idowu, O.M.O.** and Südekum, K-H. (2010) Effect of yeast and enzyme supplementation on energy metabolisability by broiler chickens fed diets containing malted sorghum sprouts and wheat bran. ***Proceedings of Annual Spring Meeting of World's Poultry Science Association*** (UK Branch) Held 13-14<sup>th</sup> April 2010 at The Canada Room, Queen's University, Belfast, UK Pg 40  
<http://www.tandfonline.com/loi/cbpa20>
- <sup>F</sup>68 Fafiolu, A.O., Oduguwa, O.O., Jegede, A.V., **Idowu, O.M.O.**, Oso, A.O. and Sobayo R.A. (2010). Improvement in the use of undecorticated sunflower seed meal diets with multi-enzyme mixture by growing pullets. ***Proceedings of Annual Spring Meeting of World's Poultry Science Association*** (UK Branch) Held 13-14<sup>th</sup> April 2010 at The Canada Room, Queen's University, Belfast, UK Pg 42.
- <sup>F</sup>69. **Idowu, O.M.O.** Fafiolu, A.O., Oso, A.O. and Oduguwa, O.O. (2010). Effects of high salt supplementation on Zn residue in tibia bone, liver excreta and egg shell of laying hens. ***Proceedings of Annual Meeting of World's Poultry Science Association (UK Branch) Held 13-14<sup>th</sup> April 2010*** at The Canada Room, Queen's University, Belfast, UK Pg 45.
- <sup>F</sup>70. Ezennabike, C.C.N., Oduguwa, O.O., Jegede, A. V., Fafiolu, A.O., **Idowu, O.M.O.** and Südekum, K-H (2010) Energy metabolisability by broiler chickens fed enzyme supplemented diets. ***Proceedings of Annual Meeting of World's Poultry Science Association (UK Branch) Held 13-14<sup>th</sup> April 2010*** at The Canada Room, Queen's University, Belfast, UK Pg 49
- <sup>F</sup>71 **Idowu, O.M.O. (2010)** Effects of Zinc supplementation on laying performance of hens. ***Proceedings of 5<sup>th</sup> International Seminar On Tropical Animal Production (ISTAP) 19 – 22 October 2010***, Faculty of Animal Science, Universitas Gadjah Mada, Indonesia Pg 395- 397
- 72 Njoku, C.P., Aina, A.B.J, Sogunle, . O.M and **Idowu, O.M.O.** (2010). Evaluation of feed quantity offered and feed frequency on the performance of growing pigs. ***Proceedings of the 1<sup>st</sup> Nigerian International Pig Summit (Mitigating challenges in pig production and***

**marketing**), held at institute of Agricultural Research & Training, Moor Plantation, Ibadan, Nigeria Pg. 86 – 92.

73. Oni, O.O., **Idowu, O.M.O.**, Oso, A.O., Oni, A.O., Omoare, A.M, Akinusi, F.A.O. and Ogbonna, C.C. (2011). Carcass characteristics and energy utilization of weaner rabbits fed diets containing dried citrus pulp. ***Proceedings of Annual Conference of Nigeria Society for Animal Production (NSAP)***. Held at Merit House/Raw materials Research and Development Council, Abuja, Nigeria. Pg 348 – 350.
- <sup>F</sup>74. Oso, A.O, Bamgbose A.M., Oduguwa, O.O., Jegede, A.V., Fafiolu A.O., **Idowu,O.M.O.** , Sobayo, R.A., Olayemi, W.A., Lala, O.A. and Oke, F.O. (2012). Performance and serum biochemistry of broiler chicks fed diets containing processed Castol Oil Seed (*Ricinus communis*) cakes as partial replacement for soyabean meal. ***Proceedings of Annual Meeting of WPSA UK Branch held 24 –25 April 2012***, Jubilee Campus, Nottingham University, Room LT2, Exchange Building, Nottingham, UK. Official publication of UK Branch of World’s Poultry Science Association Page 37
- <sup>F</sup>75. **Olusegun Mark Idowu**, Adeboye Olusesan Fafiolu and Abilawon Bunmi Olaogun (2012): Effect of husbandry systems on productive performance and behaviour of laying chickens reared in the tropics. ***Proceedings of 2nd IFOAM International Conference on Organic Animal Husbandry: ‘TACKLING THE FUTURE CHALLENGES OF ORGANIC ANIMAL HUSBANDRY’ September 12-14, 2012 - Hamburg, Germany.***
- <sup>F</sup>76. Oso, A. O. , Bamgbose, A. O. , Oduguwa, O. O. , Pirgozliev, V., **Idowu, O. M. O.**, Adebayo, M., Akapo, O. , Oke, F. O. and Lala, A. O. 2013. effect of dietary inclusion of whole and peeled cassava root on performance, Hydrocyanide intake and serum thiocyanate of turkey poults. ***British Poultry Abstracts, Vol. 9, No. 1, 44*** ***Proceedings of Annual Meeting of WPSA UK Branch.*** Official publication of UK Branch of World’s Poultry Science Association Page 33 <http://dx.doi.org/10.1080/17466202.2013.842677>
- 77 Lala, A.O., Ajao, M.A., Oso, A.O., Idowu, O.M.O., Oni, O.O. and Adejoro, S.O. 2013. Aflatoxin B1. Ed. Jegede, A.V. , Oduguwa, O.O. and Osofowora A.O. Book ***Proceedings 4<sup>th</sup> Nigeria International Poultry Summit (NIPS 2013) Food Security through innovative***

*technologies in poultry production*. 17-21 February ,2013 held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria

#### **10) MAJOR CONFERENCES ATTENDED WITH PAPER READ**

- 1 Idowu, O.M.O.** , Daisy Eruvbetine, Oduguwa, O.O. and Sowande, O.S. (2002) : Effects of exogenous glucocorticoid ( dexamethesone) on growing pullets chicken . Paper presented at the 27<sup>th</sup> Ann Conf.,Nig . Soc. For Anim. Prod. (NSAP) , March 17-21, 2002,held at Fed. Univ of Tech .,Akure, Nigeria.
- 2. Idowu, O.M.O.** , Oduwefo, A. and Eruvbetine, D. (2002): Hypo-cholesterolemic effects of cassava root sievate in laying chickens diets. Paper presented at the. 7<sup>th</sup>Ann Conf., Anim. Sci. Ass . of Nig .(ASAN) , Sept. 16-19 2002 at University of Agriculture, Abeokuta, Nigeria.
- 3. Idowu, O.M.O.**, Oladele- Ojo, V. O. and Eruvbetine, D. (2004). Response of plasma cholesterol of laying hen to varining levels of dietary organic and inorganic copper salts. Paper presented at the 9<sup>th</sup> Ann. Conf. of Animal Science Association of Nigeria, 13<sup>th</sup> - 16<sup>th</sup> September, 2004 at Ebonyi State University , Abakaliiki, Nigeria .
- 4. Idowu, O.M.O.**, Oni, O.O., and Fafiolu, O.A. (2007). Nutrient availability to free range scavenging chickens in rural organic farming system. Paper presented at the 5<sup>th</sup> National conference of Organic Agriculture Project in tertiary Institutions in Nigeria (OAPTIN) . Held at Federal University of TECHNOLOGY, Owerri, Nigeria on 15 – 19<sup>th</sup> November , 2009.
- 5. Idowu, O.M.O.**, Fafiolu, A.O., Oduguwa, O.O.and D. Eruvbetine.(2007) Inorganic and bioplex copper residues in liver, egg and excreta of chickens. Paper presented at the**Annual Spring Meeting of WPSA UK Branch held** 3 –4 April 2007, Royal Clifton Hotel and Theatre and Floral Hall Complex, Southport, Lancashire. British Poultry Abstracts. 3(1) : 38-39
- 6. Idowu, O.M.O. (2010)** Effects of Zinc supplementation on laying performance of hens. Paper presented at the 5<sup>th</sup> International Seminar On Tropical Animal Production **(ISTAP)** 19 – 22th October 2010, Faculty of Animal Science, Universitas Gadjah Mada, Pg 395- 397
- 7. Oni, O.O., Idowu, O.M.O.**, Oso, A.O., Oni, A.O., Omoare, A.M, Akinusi, F.A.O. and Ogbonna, C.C. (2011). Carcass characteristics and energy utilization of weaner rabbits fed diets containing dried citrus pulp. Paper presented at the 36<sup>th</sup>Annual Conference of

Nigeria Society for Animal Production (NSAP). Held at Merit House Raw materials Research and Development Council, Abuja, Nigeria.

8. **Olusegun Mark Idowu**, Adeboye Olusesan Fafiolu and Abilawon Bunmi Olaogun (2012): Effect of husbandry systems on productive performance and behaviour of laying chickens reared in the tropics. ***2nd IFOAM International Conference on Organic Animal Husbandry: 'TACKLING THE FUTURE CHALLENGES OF ORGANIC ANIMAL HUSBANDRY'*** September 12-14, 2012 - Hamburg, Germany.

- 9 **Idowu, O. M. O, Adedokun, A. B and Adedokun, T. A.** (2013): External Egg

Qualities of Organically and Conventionally Reared Laying Chicken Fed Diets Containing With or Without Probiotic Supplementation. OAPTIN Annual Conference held Nov. 2013 at Ogun Osun River Basin Authority Headquarter Abeokuta



### 11) MSc.- M.Agric. DISSERTATION AND PhD THESIS SUPERVISED

	<b>Title</b>	<b>Name of student / Matric No.</b>	<b>PG Program &amp; year of Commence ment</b>	<b>Level of supervision</b>	<b>Remark/ Status</b>
1	Evaluation of Ensiled Cassava Root- Leaf blended in the diets of Gilts, Gestating and Lactating sows	Amos Adedoyin Titi  PG /11/00128	PhD  2013	<b>Major Supervisor</b>	On-going
2	Effect of supplemental levels of DL or MHA- FA methionine on growth and laying performance of two strains of egg-type chickens	Adeniran Ayorinde D.  PG /11/00119  <b>(CEADESE)</b>	PhD  2015	<b>Major Supervisor</b>	On-going
3	Nutritional evaluation of methionine and medicinal plants blends in the diets of meat and egg type chickens	Rowaiye Gbenro A.  PG /11/00148	PhD  2017	<b>Major Supervisor</b>	On-going
4	Assessment of Iron status , anthropometric indices and immune functions of school age children in selected schools in Ogun State	Quadri, Jelili Akorede  PG 08/ 0259	PhD  Nutrition and Dietetics  2012	Co- supervisor	Completed
5	Nutritional Evaluation of Cassava Rootss blended with Cassava leaves and <i>Stylosanthes hamata</i> in diets of broiler chickens	Olukowi, Wasiu Olakunle  PG/16/0591	M.Agric  2016	<b>Major Supervisor</b>	On-going
6	Effects of dietary substitution of maize with ensiled Cassava root and leaves on the reproductive performance and blood co position of lactating sows and piglets	Agzue, KingsleyChidi  PG14/1073	M.Agric  2015	<b>Major Supervisor</b>	On-going
7	Nutritional Evaluation of Cassava Rootss blended with Cassava and	Adegunle Ayobami	M.Agric	<b>Major Supervisor</b>	On-going

	<i>Ficus</i> leaves in diets of broiler chickens	Adesola PG/16/00503	2016		
8	Nutritional evaluation of three methionine sources in broiler chickens fed cassava based diets	Oguntoye Mutiu PG 08/ 0060	PhD 2011	<b>Major Supervisor</b>	On-going
9	Nutritional evaluation of peeled cassava based diets supplemented with synthetic and herbal methionine in pullets and laying chickens	Ola-Davies Abiodun D PG/11/00145	PhD 2011	<b>Major Supervisor</b>	On-going
10	The Use of manoclay as toxin binder in turkey feed	Ajao Adeleye Mathew PG /11/0123	M.Agric 2011	<b>Major Supervisor</b>	Completed course work Research On-going
11	Utilization of fermented Castor seed meal supplemented with or	Adeniran Ayorinde D. PG /11/00119	M.Agric 2011	<b>Major Supervisor</b>	Completed course work Research On-going
12	Effect of supplemental herbal methionine on the humoral immune response of broiler chicks fed on low protein diets.	Amos Adedoyin Titi PG /11/00128	M.Agric 2011	<b>Major Supervisor</b>	Completed course work Research On-going
13	Copper Residue in tissue and bone of broiler chickens fed copper fortified diets	Oguntimehin Taiwo O. Pg/11/ 00142	PDA Feed Resources 2011	<b>Supervisor</b>	Completed course work and Research
14	Evaluation of different blends of herbal methionine and medicinal plants in the diets if laying chickens	Rowaiye Gbenro A. PG /11/00148	M.Agric 2011	<b>Major Supervisor</b>	Completed course work Research On-going
15	Copper –protein nutrition of male broiler chickens under tropical condition	Osho Saheed O PG /11/00147	M.Agric 2011	<b>Major Supervisor</b>	Completed course work Research On-going

16	Effect of beak length on foraging behavior and laying performance of free range hens.	Adebiyi, Adenike O.  PG /11/00115	M.Agric  2011	<b>Major Supervisor</b>	Completed course work  Research On-going
17	Effects of cassava peel meal supplemented with or without Allzyme SSF as replacement for maize in the diet of growing pigs – performance, blood parameters and digestibility	Adeyemi Michael  PG /11/00121	M.Agric  2011	Co - supervisor	Completed course work  Research On-going
18	Nutritional effect of Niacin on Turkey performance under tropical environment	Adebowale Tolulope O.  PG /11/00116	M.Agric  2011	Co - supervisor	Completed course work  Research On-going
19	Effect of diet supplemented with Mannan Oligosaccharide as control for Salmonella in broiler chickens	Alonge Emmanuel O.  PG /11/00127	M.Agric  2011	Co - supervisor	Completed course work  Research On-going
20	Response of turkeys fed vitamin B supplements	Bello Foyeke A.  PG /11/00131	M.Agric  2011	Co - supervisor	Completed course work  Research On-going
21	Molecular evaluation of IGFI and PEPCK genes on broilers fed enzyme supplemented malted sorghum sprout diets	Olarotimi Ifeoluwa D.  PG /11/00146	M.Agric  2011	Co - supervisor	Completed course work  Research On-going
22	Genetic evaluation of the reproductive potentials of indigenous pure, exotic and their crossed bred chicken genotypes	Wonodi, Jude Okanezi  PG 10/0012	M.Agric  2010	Co - supervisor	Completed course work  Research On-going
23	Toxicological Evaluation of Croton Zambescus in the treatment of malaria in mice	Njoku, Hyginus Uzoma  PG 09/ 0096	MSc.  Biochemistry  2010	Co- supervisor	Completed course work  Research On-going
24	Survey of food Consumption and Adolescents in Ondo State, Nigeria	Bolajoko, Opeyemi	MSc.  Nutrition and	Co- supervisor	Completed course work

		Oreoluwa PG 09/ 00234	Dietetics 2010		Research On-going
25	Food consumption and nutritional status of young adolescents in urban local government areas of Oyo State	Fasan, Temitope Oluwole	MSc. Nutrition and Dietetics 2011	Co- supervisor	Completed course work Research On-going
26	Probiotics as feed additive for broiler and egg laying chickens: nutritional and gastrointestinal effects	Oni, O.O. PG05/0222	PhD. 2011	<b>Major Supervisor</b>	Defended
27	Standardization, nutrient and nutrient inhibitor composition of Acha ( <i>Digitaria</i> spp) and Bambaranut ( <i>Vigna</i> spp) based dishes commonly consumed in Niger State	Folorunso Dekunle Ayodeji PG 02/0285	PhD Nutrition and Dietetics 2010	Co- supervisor	Research On-going
28	Utilization of Moringa Oleifera leaf meal in the diets of Meat and egg type chickens	Olayemi Wasiu PG 00/0229	PhD 2011	Co- supervisor	DEFENDED
29	Effect of feed restriction on performance, feed cost, carcass characteristics and haematology of broiler chickens	Omosebi, Damilola J. PG 09/ 0075	M.Agric 2010	Co- supervisor	Defended
30	Studies on two polyculture system of Tilapia ( <i>Oreochromis niloticus</i> Linnaeus 1757) in Bambo cages in freshwater reservoir	Osofero S.A. PG 00/0253	PhD (A.F.) 2008	Co- supervisor	Completed April, 2011
31	Assessment of food consumption and nutritional status of mothers and their under-five children in Irele Local Government, Ondo State	Kupolati, Mojisola Deborah PG 06/ 0277	MSc. Nutrition and Dietetics 2007	Co- supervisor	Defended June, 2011
32	Response of cocks to dietary copper supplementation and its residual effects on meat, visceral organs and manure	Adegbenjo A.A.	M.Agric	<b>Major Supervisor</b>	Completed

	quality	PG 09/0060	2010		June, 2011
33	Effect of copper and probiotic as feed additives on performance, gut microfora, residues in products and cholesterol status of hens .	Bamdele S.I PG 08/ 0055	M.Agric 2010	<b>Major Supervisor</b>	Completed June, 2011
34	Effects of supplemental probiotic on laying hens fed organic diet.	Olaogun Abilwon Bunmi PG 08/ 0061	M.Agric 2010	<b>Major Supervisor</b>	Completed June, 2011
35	The performance, gut microfora, residues in products and blood constituents of broiler chickens fed copper and probiotic.	Oguntoye Mutiu PG 08/ 0060	M.Agric 2010	<b>Major Supervisor</b>	Completed March, 2011
36	Genetic variation in growth performance, heat tolerance and immunocompetence of local and exotic chickens	Folarin I A PG 07/0084	M.Agric 2009	Co-supervisor	Defended 2010
37	Incidence of salmonellosis in broiler chickens in selected states in south – western Nigeria and its control through the use of feed additives	Olorunsola, R.A. PG 06/0302	PhD 2009	Co-supervisor	Defended June 2011
38	Food Consumption and nutritional status of mothers and their under-five children in Akure South Local Government Area in Ondo State, Nigeria	Quadri, Jelili Akorede PG 08/ 0259	MSc. Nutrition and Dietetics 2009	Co-supervisor	Completed March, 2011
39	Assessment of food consumption and nutritional status of mothers and their under-five children in Mushin Local Government area Lagos State, Nigeria	Anyanwu, Uchechi Cynthia (PG08/0237)	MSc. Nutrition and Dietetics 2009	Co-supervisor	Completed March, 2011

40	Effect of dietary copper supplementation on oxidative, antioxidant and enzyme systems in weaner rabbits	Oni, M.O. PG 07/0098	M.Agric. 2009	<b>Major Supervisor</b>	Defended 2009
41	Utilization of copper (ii) tetraoxosulphate (iv) by broilers fed organic finisher diets	Okunmuyide Oladapo Tosin. PG/06/0327	M.Agric 2009.	<b>Major Supervisor</b>	Defended 2010
42	Graded levels of organic copper in the diets of turkey	Durojaiye O. J. PG 07/0088	M.Agric 2009	<b>Major Supervisor</b>	Defended April, 2011
43	Utilization of Dried Citrus Pulp-Based Diets by weaner Rabbits.	Oni, O.O. PG05/0222	M.Agric. 2008	<b>Major Supervisor</b>	Defended 2009
44	The response of broiler chickens to maize – wheat offal based diets supplemented with Allzyme SSF®	Ezennabike, C.C.N. PG 05/0117	M.Agric.	Co-supervisor	Defended
45	Nutrient utilization and growth response of <i>Clarias garepinus</i> (Burchell,1822) juveniles fed varying dietary levels of pineapple ( <i>Anana comosus</i> ) crush waste.	Binyotubo, I.O. PG 00/357	M.A.F.	Co-supervisor	Defended
46	Performance characteristics and nutrient utilization of weaner rabbits fed dried coffee pulp based diets.	Oyatobo, O.O.PG03/0186	M.Agric.	Co-Supervisor	Defended
47	Effect of Niacin on performance and cholesterol contents of laying hens	Olorunsola, R.A. PG 06/0302	M.Agric.	Co-supervisor	Defended
48	The Effect of Beak Trimming and Feed Placement on the Performance, Haematological Parameters and Carcass Characteristics of Turkey Poults	Allinson, I.B. PG06/0058	M.Agric.	Co-Supervisor	Defended
49	Effects of Yeast and Enzyme Supplementation on the utilization of malted sorghum sprout based diets by broiler chickens	Oke, F.O. PG06/146	M.Agric.	Co-Supervisor	Defended

50	Nutritional assessment of school-age children attending primary and non-formal schools in Kaduna	Aliyu Hassan PG 06/0106	MSc. Nutrition and Dietetics 2008	Co-supervisor	Defended 2009
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## 12) EXTRA-CURRICULAR ACTIVITIES

Backyard poultry keeping

Christian fellowship activities

## 13) NAMES AND ADDRESSES OF THREE REFEREES

- (1) Prof Ayo Alabi  
Council Office,  
  
Tai Solarin University of Education.  
  
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- (2) Professor Kayode Akinyemi  
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- (3) Professor A.B.J. Aina

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SIGNATURE

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DATE



## RESEARCH FOCUS AND CONTRIBUTION TO KNOWLEDGE

**Research focus:** My research work over the years is focused on Monogastric Animal Nutrition particularly Poultry and Rabbit Nutrition research in the following areas:

1. Nutritional evaluation of non-conventional feedstuffs: **Cassava- *Manihot esculenta* Crantz** [Papers 2, 4, 7, 8, 9, 15, 20, 21, 41 and 57], **Local Fishmeal** [Paper 3], **Oil palm leaf meal** [Paper 5], **Pigeon pea-*Cajanus cajan* meal** [Paper 25], **Sunflower seed meal** [Papers 26, 48], **Castor oil seed – *Ricinus communis*** [Papers 27, 54] **Cashew Nut Reject** [Papers 28, 42], **Tiger Nut** [Paper 45], ***Moringa oleifera* seed meal** [Papers 35], **Bamboo leaf meal [Paper 36]**, **Millet [Paper 39]**, **Sorghum/Malted Sorghum Sprout [47 ]** and **Dried Citrus Pulp [53]** as good replacement for the conventional energy and protein feedstuffs for poultry and rabbits.
2. Reduction in cholesterol contents of poultry products – **Meat and blood** [Papers 12, 13, 18, 24] and **Egg** [Papers 4, 6, 7, 15] ) through manipulation of dietary protein-energy-fibre levels in diets and supplementation with Copper salts, ascorbic acid and probiotic
3. **Mineral and vitamin nutrition** [Papers 6, 12, 13, 14, 17, 24, 40, 44, 49, 51], **Feed additives** (L-Carnitine [Papers 28, 43], **Exogenous enzymes** [Papers 16, 26, 46] **Probiotic** [Papers 23, 29, 46, 47 ] and **Prebiotic** [Papers 23, 29, 39] and biochemistry of poultry [**Cu**-Papers 6, 12, 13, 18], [**Zn**-Papers 49, 51 and **Mg** - Paper 17].
4. Organic agriculture [Paper 55] (Unpublished Postgraduate work supervised No. 9 and 16) and Gut micro flora analysis [Paper 10].

### Justification for research areas

- a. My attraction for research into nutritional evaluation of unconventional feedstuffs arose from the challenges of variability in their nutrient composition, presence of anti-nutritional factors that negate growth – production and the widely reported variability in nutrient utilization by livestock.
- b. Concern about the cholesterol content of human diet and coronary heart disease has led to many attempts to reduce the cholesterol content of egg and meat products. While the fact remains that the human body produces cholesterol in the absence or presence of dietary cholesterol and less cholesterol is produced to compensate for dietary cholesterol, blood cholesterol levels still increase when dietary cholesterol is increased. My attention since 2004 is focused on identifying ingredients or production methods that can facilitate a reduction in meat and egg cholesterol. Genetic selection of hens for lowered cholesterol has not been successful in lowering the egg cholesterol content and research into lowering meat and egg cholesterol therefore has centered mostly on diet (photochemical and fibre) [Papers 4, 7, 15, and my PhD thesis] and pharmacological (i.e. use of copper and vitamin C [Papers Papers 6, 12, 13, 18, 24]) interventions.
- c. The requirements of poultry for proteins, amino acids and energy are well researched and understood [Paper 1, 19, 30, 31,]. Organic poultry need the same nutrient constituents but the nutrient balance need not be the same while the means of supplying them are more limited inorganic rations. No synthetic amino acids are

allowed, the range of organic proteins is limited and the protein energy balance are harder to achieve. These challenges in organic poultry production motivated my research into this new area of research. (Unpublished Postgraduate Work supervised No. 9 and 16)

### **Major contributions to knowledge:**

1. Use of higher levels of local fishmeal above 5% in practical diets of broiler chickens was proved (Paper 3) to be advantageous where and when imported fishmeal is in short supply.
2. Use of up to 10% Bamboo leaf meal in diets of weaner rabbits was shown to support and improve growth, nutrient digestibility and carcass yield( Paper 36)
3. Inclusion of up to 20% Unpeeled Cassava Root Meal ( UCRM) (Paper 8) in laying hens diets was discovered to support optimum egg production performance up to 80 weeks in-lay without any deleterious effect. Overwhelming evidence from this same research work (Paper 15) revealed that feeding 10 -30% UCRM to laying hens resulted in 27 – 42% reduction in liver cholesterol and 3.62 – 28.17% reduction in plasma cholesterol.
4. Replacement of up to 10%(weight for weight) Wheat offal by Cassava Root Sievate (CRS) was found to effectively reduced cholesterol content of plasma, egg yolk and whole egg by 20%, 10% and 17% respectively at performance that was comparable with hen fed wheat based diet. CRS as a non-conventional feed stuff (Paper 19) conveniently replaced wheat offal up to 20% in diets of growing rabbits without any adverse effect on their growth performance. Also 33% replacement of Cassava Root Peel (CRP) with Cassava Root Sievate (CRS) (Paper 7) resulted in optimum egg production with attendant 1.3% reduction in cholesterol content of the egg. In a related experiment (Paper 9) with rabbit 30% CRS replaced CRP without any deleterious effect on performance, carcass quality and blood constituents. Cassava residues for goat production in a Cassava based Farming System was identified (Paper 21)as a local feedstuff for improving the performance of goats to attain higher productivity. Study on effect of feeding peeled and unpeeled cassava root meal to broiler chickens indicated dietary inclusion of 100g/kg peeled cassava root meal showed some prospect and makes economic sense in the nutrition of broiler chickens (Paper 41).
5. Dietary inclusion of wheat or sorghum as sole cereal source was shown to compare well with maize as sole cereal in the diet of starter turkey (Paper 19) with high mortality associated wheat based diet while the use of sorghum as sole cereal resulted in reduction haemoglobin.
6. Dietary inclusion of fermented pigeon pea (*Cajanus cajan*) above 50g/kg of diet of cockerel chicks posed threats on chicks' growth, nutrient digestibility and blood profile (Paper 25).

7. The use of multi-enzyme was found to enhance and improve utilization of un-decorticated sunflower seed meal (Paper 26).
8. Inclusion of ethanol- treated castor oil seed meal up to 150g/kg diet in broiler chickens ration has found to support growth and nutrient digestibility (Paper 27).
9. Supplementation of Cashew nut reject meal-based diet with 7.5mg/kg L-Carnitine was beneficial in broiler chicken rations (Paper 28).
10. Inclusion of Mannose and arabinoxylans oligosaccharides in rations of growing rabbits improved growth and better gut morphology than rabbits fed diets containing probiotic made from  $1 \times 10^{10}$  cfu viable strain of *Prediacoccus acidilactics* per gram and  $1 \times 10^9$  cfu viable strain of *Bacillus cereus* per gram (Paper 29).
11. Feeding trial conducted on utilization of *Moringa oleifera* seed as a feed resource for sustainable fish production showed that dry Moringa seed meal replaced successfully soybean meal up to 75% weight for weight while economic benefit was attained at 100% replacement level in diet of African mud catfish, *Clarias gariepinus* (Paper 35).
12. Whole millet feeding when combined with Manna oligosaccharides (Prebiotic) supplementation in growing guinea fowls (*Numiadia meleagris*) diet showed an improved growth performance, gizzard development, serum chemistry and a positive influence on organ weights (Paper 39).
13. Study on supplementation of growing turkeys diet with Niacin and Yeast showed improved haematological indices with reduced serum lipid profile. 200ppm niacin combined with 1.5 g/kg yeast gave the lowest lipid profile (Paper 40) .
14. Dietary supplementation of poultry diets with Copper (Bioplex and inorganic) up to 250ppm (Papers 6,12, 13, 18 and 24) improved egg production (Paper 6), feed conversion of broiler chickens(Paper 18) and reduction in egg and meat cholesterol contents (Paper 6 and 18) but with attendant oxidative damage (Papers 12 and 13).
15. Addition of feed additive like 100ppm of ascorbic acid showed beneficial potential for veterinary use as attenuate for tissue damage (Papers 12 and 13).