

CURRICULUM VITAE

SECTION A: GENERAL INFORMATION

Names:	Ajayi Helen Inikpi
Date and place of Birth:	15-12-1967, Kaduna.
Marital status:	Married
Gender:	Female
Maiden Names:	Adegede Helen Inikpi
No. of children and their ages:	2, (22 and 19 years)
Nationality:	Nigerian
Permanent Home Address:	No. 8, Bishop Road, Mission. Idah, Kogi state.
Current postal Address:	Department of Animal Science & Animal technology, Faculty of Agriculture and Agricultural Technology Benson Idahosa University P.M.B. 1100, Benin City. Edo state, Nigeria.
E-mail:	hajayi@biu.edu.ng ; helenajayi1512@yahoo.com
Phone number:	08036086864, 07018888602
Present position:	Associate professor

SECTION B: QUALIFICATIONS

ACADEMIC QUALIFICATIONS

- B.Sc. Biochemistry **1990**, Ahmadu Bello University. Zaria, Kaduna state. Nigeria.
- M.Sc. Agric. Biochemistry and Nutrition, **1995**. University of Ibadan, Oyo state Nigeria.
- PhD Agric. Biochemistry and Nutrition, **2014**. University of Ibadan, Oyo state Nigeria.

OTHER QUALIFICATIONS

- Certificate in Research and grant writing for doctoral students. **2014**. *University of Ibadan*, Nigeria.
- Certificate in Introductory Molecular Techniques. **2015**. *Inqaba Biotec*, Africa's Genomic Company. IITA Ibadan.
- Community health management. **2015**. *May & Baker*, Benin City, Nigeria.
- EDIVET: Do you have what it takes to be a veterinarian? University of Edinburgh on *Coursera*. Certificate, December 28, **2016**.
<https://www.coursera.org/account/accomplishments/certificate/4ENLVEKJW9DB>
- Certified Animal Scientist, British Society of Animal Science, **2016**.
- Certificate in Milking to potential- Developing a strategic framework for dairy sector development in emerging economies. *Wageningen Center for Development*

Signature & Date:  January, 2020

Dr. Helen I. Ajayi. BSc, Biochemistry, MSc. & PhD. (Agric. Biochemistry and Nutrition)

Innovations ,Netherlands . 2017.

- Certificate in Dairy Farming and Entrepreneurship. *Aeres University of Applied Sciences, Dronten, Netherlands . 2019.*

TEACHING, PROFESSIONAL AND RELEVANT EXPERIENCE

i. Employment and professional experience

- Students' Industrial Work Experience Scheme (SIWES); Biochemistry laboratory, College of Agriculture, Ahmadu Bello University. Zaria, Kaduna state. Nigeria. **1989**
- NYSC (Teaching); Oyemekun Grammar School, Akure. Ondo state, Nigeria. **1990-1991**
- Graduate Assistant: Department of Biological Sciences, University of Agriculture, Makurdi. Benue state. Nigeria. **1992 -1998**
- Supervisor; Research on Family Planning Methods in Rural Areas with respect to Benue state by Planned Parenthood Federation of Nigeria in conjunction with USAID. **1993**
- Teacher, Christ Academy International Secondary School Gwagwalada, FCT-Abuja, Nigeria. **2002 -2003**
- Head, Children's Department; Chapel of the Good shepherd, Ambrose Alli University. Ekpoma, Edo state, Nigeria. **2003- 2005**
- Full time teaching and research, Benson Idahosa University, Benin City, Edo state, Nigeria. **2005 – till date (14 years)**

ii. Period of full-time teaching in Benson Idahosa University

- Lecturer II, **2005-2009**
- Confirmed, **2007**
- Lecturer I, **2009-2015**
- Senior Lecturer, **2015- 2018**
- Associate Professor, **2018 – till date**
- Acting head of Unit (Animal Science), **2009-2012**
- Acting head of department, Animal Science and Animal Technology, **2012-2016**
- Student Academic Adviser, **2006 – till date**
- Departmental Postgraduate programme coordinator, **2013 - 2019**
- Faculty coordinator, Farm Practical Training & Students' Industrial Work Experience Scheme, **2016 - 2019**

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- Assistant Dean, **2017 – 2019**
- Acting head of department, Animal Science and Animal Technology, **2019**

iii. Courses taught, coordinated and supervised 2005 till date

- ANS 210- Principles of Animal Health and Diseases
- ANS 212- Introduction to Agric. Biochemistry
- THM 211- Introduction to Nutrition and dietetics
- ANS 221- Animal Anatomy and Physiology
- ANS 222-Principles of Animal Production
- FIS 211- Introduction to Fisheries Resources of Africa
- ANS 323- Agricultural Biochemistry
- ANS 324- Introduction to Biotechnology
- ANS 402- Animal health management
- ANS 500- Project
- ANS 511- Ruminant Animal Production II
- ANS 513- Reproductive physiology
- ANS 514- Principles of feed Manufacturing
- ANS 522- Ruminant nutrition
- ANS 523- Animal Products and Handling
- ANS 524- Animal Health and diseases
- ANS 712- Monogastric Animal Production (Postgraduate diploma)
- ANS 714- Applied Animal Nutrition (Postgraduate diploma)
- ANS 715- Ruminant Animal Production (Postgraduate diploma)
- ANS 816- Advanced Animal Nutrition (MSc)
- ANM 825- Seminar (MSc) Coordinator
- ANM 822 – Livestock products and processing (MSc)
- ANB 913- Metabolism of proteins and nucleic acids (PhD)
- ANB 915- Feed biotechnology (PhD)
- ANB 917- Special topics (PhD)

iv. Undergraduate projects supervised

- GUT MORPHOLOGY AND BACTERIAL POPULATION OF BROILER CHICKENS FED A COMMERCIAL FEED SUPPLEMENTED WITH PROTEASE, **2015**
- NUTRIENT RETENTION, PERFORMANCE CHARACTERISTICS, ABDOMINAL FAT, ORGAN AND CARCASS WEIGHT OF BROILER CHICKENS FED A COMMERCIAL FEED SUPPLEMENTED WITH PROTEASE, **2015**
- EFFECT OF FEEDING ENZYME-SUPPLEMENTED CORN COB MEAL (CCM) ON PERFORMANCE AND CARCASS CHARACTERISTICS OF ARBOR ACRE BROILER CHICKS, **2017**

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Dr. Helen I. Ajayi. BSc, Biochemistry, MSc. & PhD. (Agric. Biochemistry and Nutrition)

- PERFORMANCE, NUTRIENT RETENTION AND COST IMPLICATION OF FEEDING ARBOR ACRE BROILER CHICKS WITH CORN COB MEAL (CCM) SUPPLEMENTED WITH A MULTI-ENZYME, **2017**
- LENGTH - WEIGHT RELATIONSHIPS AND CONDITION OF *CTENOPOMA PETERICI* AND *OREOCHROMIS NILOTICUS* FROM A TRANSECT OF IKPOBA RIVER, BENIN CITY, NIGERIA. **2018**

v. **Post graduate Supervision**

- Co-supervised 2 MSc students

CONFERENCES AND WORKSHOPS ATTENDED SINCE 2014 – till date

1. **NSAP, BABCOCK 2014. 30th Annual Conference. March, 2014**
2. **WORKSHOP, Research and Grant Writing for doctoral students. University of Ibadan. 25-26th March, 2014**
3. **3rd ASAN-NIAS, IBADAN 2014, University of Ibadan, 7-11th September, 2014**
4. **WORKSHOP, Introductory Molecular Techniques. Inqaba Biotec, IITA Ibadan, 4-8th May, 2015**
5. **WPSA – NG. ILORIN 2015, University of Ilorin, 11-15th May, 2015**
6. **Community health management course. May & Baker Benin. July, 2015**
7. **OWSD 5th International conference, Kuwait 16-19th May, 2016**
8. **1st Dairy Summit, Obafemi Awolowo University, Ile-Ife, 10-13th July, 2017**
9. **OWSD 3rd Nigerian International Conference, OWSD-NG, BIU Benin. July 31st- August, 2017**
10. **6th ASAN-NIAS Abuja 2017, 10-14th September, 2017**
11. **NSAP, Owerri 2018. 43rd Annual Conference. 19-22nd March, 2018**
12. **2nd Dairy Summit, IAR&T Ibadan. 25-28th June, 2018**

PUBLICATIONS

1. Ologhobo, A. D., **Adegede, H. I.** and Maduagwu, E. N. (1996) Occurrence of Nitrate, Nitrite and Volatile Nitrosamines in certain Feedstuff and Animal Products. *Nutrition and Health* : II.109-114.
2. Uko-Aviomoh, E. E, **Ajayi, H. I.** and Omatseye, B. O. J. (2007) Meat purchase and meat handling practices among home makers in Benin Metropolis, Nigeria. *Journal of Agriculture and Social Research*: Volume 7 (1): 90-100.
3. Oyedeji, J. O., **Ajayi, H. I.** and Egere, T. (2008) The effects of increasing levels of Yeast culture (Levucel SB) in a high Fibre-diet on the performance and nutrient retention of Broiler chicks *Asian Journal of Poultry Science*. Volume 2 (1): 53-57.

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4. Oyedeji, J. O., **Ajayi, H. I.** and Orheruata, M.A. (2008). Effect of skip a Day (SAD) Feeding Regimen during rearing on the performance and onset of lay of Black Harco pullets. *Journal of Sustainable Tropical Agricultural Research* . Volume 23: 65-68.
5. **Ajayi, H. I.**, Olomu, J. M. and Oyedeji, J. O. (2008). Potentials of African Pear (*Dacryodes Edulis*) as a feedstuff for Animals. *Proceedings of the 13th annual conference of the Animal Science Association of Nigeria, (ASAN), September 15-19 2008.* Pp 563-566.
6. Ekunwe, P. A. and **Ajayi, H. I.** (2010). Economics of plantain production in Edo state Nigeria. *Research Journal of Agriculture and Biological Sciences* . Volume 6 (6): 902-905.
7. Oyedeji, J. O., **Ajayi, H. I.** and Olupitan, T. (2011). Effects of skip a day (SAD) feeding regimen on the subsequent laying performance of black harco hens. *Nigerian Journal of Animal Production.* Volume 38 (2): 107-114.
8. Agboola, A. F., Adenekan, O. O., Majolagbe, O. H., Ogunbode, S. M., **Ajayi, H. I.** and Omidiwura, B. R. O. (2012). Utilisation of Frog (*Rana esculanta*) Meal as a Replacement for Fish meal in Broiler Diets. *Tropical Animal Production Investigation.* Volume 15 (1): 19 - 25.
9. Oyedeji, J. O., Olupitan, T. C., **Ajayi, H. I.**, Imouokhome, J. I., Sonuyi, O. O. and Iyede, O. (2013). Physical, Chemical and Performance Evaluation of Different Commercial Brands of Layers, Broilers Starter and Finisher Feeds. *Albanian Journal of Agricultural Science.* Volume 12 (2): 267-273.
10. Agboola, A. F., **Ajayi, H. I.**, Ogunbode, S. M., Majolagbe, O. H., Adenekan, O. O., Oguntuyo, C. T. and Opaleye, R. O. (2013). Serum Biochemistry and Haematological Indices of Broiler Chickens fed graded levels of Frog (*Rana esculata*) Meal as replacement to Fish meal. *International Journal of Agriculture and Biosciences.* Volume 2 (5): 260-265.
11. **Ajayi, H. I.** and Iyayi, E. A. (2014). Ileal nutrient digestibility and performance in broiler chickens fed graded levels of feather meal. *Ibadan Journal of Agricultural Research* . Volume 10 (2): 136 -147.
12. **Ajayi, H. I.** and Iyayi, E. A. (2014). Effect of protease supplementation on ileal crude protein digestibility of feather meal in broiler chickens. *Proceedings of the British Society of Animal Science and AVTRW. Advances in Animal Biosciences.* Volume 5 (1) page 043.
13. **Ajayi, H. I.** (2015). Effect of protease supplementation on performance and carcass weights of broiler chickens fed low protein diets. *Nigerian Journal of Agriculture, Food and Environment* . Volume 11(1): 29 - 32.
14. **Ajayi, H. I.** and Iyayi, E. A. (2015). Performance of broiler chickens fed hydrolysed

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- feather meal (HFM) at the starter phase. World's Poultry Science Association, Nigeria Branch (WPSA-NB). *Proceedings of the 5th Nigeria International Poultry Summit, 10th - 14th May, 2015* . Pp 46-53.
15. **Ajayi, H. I.** and Imouokhome, J. I. (2015) Blood parameters and performance of broiler chickens fed diets containing feather meal at three crude protein levels, with or without protease supplementation. *Nigerian Journal of Agriculture, Food and Environment*. Volume 11(2): 146 -149.
 16. Oyedeji J. O., Odogwu T. O. and **Ajayi H. I.** (2015) Laying performance of Lohmann Brown hens fed cashew nut waste meal, with or without methionine supplementation as a replacement for soybean meal (SBM). *Nigerian Journal of Agriculture, Food and Environment*. Volume 11(3):156-161.
 17. Oyedeji, J.O., **Ajayi, H. I.**, Epoudo, I., Edem, I. I. and Sokondi, R. S. (2015) Effects of Blood Rumen Content Mixture (BRCM) meal supplemented with yeast on the performance and gut microbial populations of broiler chickens. *Agrosearch*. Volume 15(2): 93-105.
 18. Adegede, A. P., Mbajiorgu, C. C., Ogbu, N. A. and **Ajayi, H. I.** (2016) Sourcing of Agro raw materials in Nigeria and the challenge of a changing climate. *Proceedings of the 7th International conference of Nigeria Association of Hydrological Sciences (NAHS), Minna 2016*. Eds. O. D. Jimoh, M. Y. Otache, R. A. Adesiji and M. Saidu. Pp 399-407.
 19. **Ajayi, H. I.** and Oyedeji A. O. (2017) Profitability, growth indices, ileal morphology and bacterial population of birds fed a low protein diet supplemented with a protease. *Proceedings of the 3rd International Conference and Science Exhibition (OWSD-BIU, 2017)* Pp 204-217.
 20. **Ajayi H. I.** and Akoma O. S. (2017) Performance and Carcass Characteristics of Broiler Chickens fed Low Protein Diets Containing Hydrolyzed Feather Meal, with or without Protease Supplementation *BIU Journal of Basic and Applied Sciences*. Volume 3 (1) 20-30.
 21. Omatsuli, M. O., **Ajayi, H. I.** and Obasohan, E. E. (2017) Determination of the Length - weight relationships and Condition of two fishes, *Ctenopoma peticri* and *Oreochromis niloticus* from a transect of Ikpoba River, Benin City, Nigeria. *BIU Journal of Basic and Applied Sciences*. Volume 3 (1) 30 - 40.
 22. Obasohan, E. E., **Ajayi, H. I.** and Omatsuli, M. O. (2018) Impact of industrial activities on the water quality of Ovia river, Edo state, Nigeria. *The Nigerian Journal of Agriculture and Forestry* . Volume 6 (1) 179- 189.

Presentation at international meetings

1. **Ajayi, H. I.** and Iyayi, E. A. (2014). Effect of protease supplementation on ileal

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crude protein digestibility of feather meal in broiler chickens. *British Society of Animal Science Annual Conference, University of Nottingham, UK, 29-30th April, 2014* .

2. **Ajayi, H. I.** and Iyayi, E. A. (2016). Performance and Carcass Weights of Broiler Chickens Fed Low Protein Diets Containing Hydrolysed Feather Meal (HFM) With Protease Supplementation. *OWSD, 5th General Assembly and International Conference on Women in Science and Technology for the developing world, Kuwait, 16-19th May, 2016*.

Dissertations:

Adegede, H. I. (1990). Spoilage of peanut butter stored at room temperature. **B.Sc.** Dissertation, Ahmadu Bello University, Zaria. Kaduna state. Nigeria.

Adegede, H. I. (1995). Nitrates, nitrites, nitrosamines and cyanide in poultry feeds, meat and eggs in Ibadan metropolis. **M.Sc.** Dissertation, University of Ibadan. Oyo state Nigeria.

Ajayi, H. I. (2014). Ileal crude protein digestibility of feather meal supplemented with protease in broiler chickens. **PhD** Thesis, University of Ibadan. Oyo State. Nigeria.

LEARNED SOCIETY MEMBERSHIP

- World Poultry Science Association (WPSA)
- Nigerian Society for Animal Production, (NSAP).
- Association for the Promotion of Education, Health, Environment and Technology Research.
- British Society of Animal Science (BSAS)
- Organisation for Women in Science for the Developing World (OWSD)

PRIZES/HONOUR/AWARD

1. Best graduating student in Biology, Crowther Memorial College Lokoja. **1984**.
2. Netherlands Fellowship Award, **2017**
3. Netherlands fellowship Award, **2019**

SECTION C: ADMINISTRATIVE EXPERIENCE

- Acting Head
Department of Animal Science and Animal Technology

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Faculty of Agriculture and Agricultural Technology,
Benson Idahosa University, Benin city. Nigeria. **2019**

- Assistant Dean
FAAT
Benson Idahosa University, Benin city. Nigeria. **2017- 2019**
- Acting Head
Department of Animal Science and Animal Technology
Faculty of Agriculture and Agricultural Technology,
Benson Idahosa University, Benin city. Nigeria. **2012- 2016.**
- Acting Head of Unit
Animal Science Unit
Department of Agriculture.
Faculty of Basic and Applied Sciences. **2009-2012.**

Committee membership (2006 till date)

- **Member**, National Planning Committee, National Mining Workshop (Benson Idahosa University & Raw Materials Research Development Council) Abuja, **2006.**
- **Member**, Committee on Faculty Journal, Faculty of Basic and Applied Sciences **2006 - 2007.**
- **Chairman**, Students' Disciplinary Committee. **2012 - 2019**
- **Member** of Senate. Benson Idahosa University. **2009 - 2018**
- **Member**, Senate Business Committee. **2010- till date**
- **Member**, University programmes transfer Committee. **2014- till date**
- **Member**, Benson Idahosa University Housing Cooperative Committee. **2015 - 2019**
- **Member**, Committee on Faculty Journal, Faculty of Agriculture and Agricultural Technology, **2016- till date**
- **Member**, FAAT prospectus review committee, FAAT, **2016- till date**
- **Chairman**, University calendar committee, **2019**
- **Member of Senate**, Benson Idahosa University. **2019**
- **Vice chancellor's representative**, Faculty of Law Appointments and Promotions committee, **2018- till date**
- **Vice chancellor's representative**, Faculty of Basic and Medical Sciences Appointments and Promotions committee, **2019**

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- **Member**, University Research committee, **2019**

Service to public bodies

- **Volunteer Secretary**, Department of Agriculture, BIU, **2005-2010**
- **Women leader, Worship leader, Counsellor and Financial Secretary**. Christ Assembly World Outreach Ministries Inc. aka Alive Chapel. Benin City. Edo province. **2007- 2018**
- **Vice President**, Organisation for Women in Science for the Developing world (OWSD) BIU chapter. **2014 -2018**
- **Member**, Local Organising committee, OWSD 3rd Intl Conference. **BIU 2017**
- **Volunteer Member**, Accreditation panel, British Society of Animal Scientists (BSAS), **2017 till date**
- **Vice President**, BIU Staff Multi-Purpose Cooperative Society (BIU-SMPCS), **2017 till date**
- **Volunteer Article reviewer**, Nigerian Journal of Animal Production, Volume 44, numbers 1-5, **2017**
- **Ex-officio member of Executives**, OWSD-BIU, **2018 till date**
- **Member representing Africa**, Global committee of British Society of Animal Science. **2019**

RESEARCH INTERESTS

- Enzyme supplementation of unconventional feedstuff for optimum performance of livestock animals
- Feed manipulations for optimum performance in animals
- Relationship between feed/food consumed and health
- Effect of enzyme supplementation on broiler performance, occurrence of Foot Pad Dermatitis (FPD) and litter quality
- Plant parts and extracts as replacement for orthodox medicines/antibiotics used in animal production
- Nutrigenomics, Metabolomics and Nutrigenics

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REFEREES**1. Prof. E. A. Iyayi**

Department of Animal Science
University of Ibadan.
Oyo state, Nigeria.

2. Prof. J. O. Oyedeji

Dean of Postgraduate School
(Department of Animal Science and Animal Technology),
Benson Idahosa University.
Benin City, Edo state, Nigeria.

3. Prof. Rufus Sha'ato

University of Agriculture
Makurdi,
Benue state, Nigeria.

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