

NAME: AKINKUOTU, OLUFEMI AMBROSE

STATUS: SENIOR LECTURER

ABRIDGED PROFILE:

I obtained my Doctor of Veterinary Medicine (D.V.M.) degree in 2009, finishing in the top four of the class with Distinctions in Veterinary Anatomy, Biochemistry and Physiology. I obtained my Master's of Veterinary Science (M.VSc) degree in Veterinary Parasitology in 2012 with a dissertation on 'Cryptosporidiosis in cattle in Ogun State, Nigeria'. In 2020, I completed a Doctor of Philosophy (Ph.D) in Veterinary Parasitology with a thesis on 'Prevalence and molecular characterization of Giardia duodenalis infecting sheep, goats and pigs in Ogun State, Nigeria'.

I joined the Federal University of Agriculture, Abeokuta, Ogun State in 2011 as a Lecturer II in the Department of Veterinary Microbiology and Parasitology and was promoted to the rank of Lecturer I in 2015. I became a Senior Lecturer in the Department of Veterinary Parasitology and Entomology in 2021. Since joining the institution, I have actively taught undergraduate veterinary medical students three courses in veterinary parasitology, namely, veterinary helminthology, protozoology and entomology. I also teach clinical parasitology to clinical year students of the college.

Since joining the institution, I worked as a registrar at the Veterinary Teaching Hospital in the diagnostic parasitology unit.

My research focuses on emerging zoonotic diseases of various animals. In these studies, I employ molecular techniques in detection and understanding the epidemiology of these diseases. I have lead some epidemiological surveys of parasitic diseases in various domestic and wild animals and have been a member of various research teams that studied various parasites in domestic, livestock and wild animals.

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CURRICULUM VITAE

01. PERSONAL

- (i) Name: AKINKUOTU Olufemi Ambrose
- (ii) Date of Birth: September 18, 1985
- (iii) Place of Birth: Ondo
- (iv) Age: 35 years
- (v) Sex: Male
- (vi) Marital Status: Married
- (vii) Nationality: Nigerian
- (viii) Town and State of Origin: Ondo town, Ondo State
- (ix) Contact Address: Department of Veterinary
Parasitology and
Entomology, College of
Veterinary Medicine, Federal
University of Agriculture,
Abeokuta, Ogun State
- (x) Phone Number: +2348039156463
- (xi) E-mail Address: akinkuotua@funaab.edu.ng
- (xii) Present Post: Senior Lecturer

02. EDUCATIONAL BACKGROUND

(i) Educational Institution Attended

Dates

- a. Federal University of Agriculture, Abeokuta, Ogun State 2015 to
2020
- b. Federal University of Agriculture, Abeokuta, Ogun State 2009 to
2012
- c. Federal University of Agriculture, Abeokuta, Ogun State 2002 to
2009
- d. Lagos State Model College, Kankon, Badagry, Lagos State 1999 to
2001
- e. Baptist Boys High School, Abeokuta, Ogun State 1996 to
1999

(ii) Academic and Professional Qualifications

Dates

- a. Doctor of Philosophy (Ph. D) in Veterinary Parasitology
2020
- b. Master of Veterinary Science (M.V.Sc) in Veterinary Parasitology
2012
- c. Doctor of Veterinary Medicine (D.V.M.)
2009
- d. West African Senior Secondary School Certificate
2001
- e. West African Junior Secondary School Certificate
1999

(iii) Prizes, Honours, Scholarships and International Recognition

- a. Tertiary Education Trust Fund (TETFund) Academic Staff Training and Development Intervention (AST&D) for Ph.D research bench work at University of Prince Edward Island, Canada 2016

03. WORK EXPERIENCE

i. Teaching

- a. Lecturer I (Veterinary Parasitology), Department of Veterinary Parasitology and Entomology, College of Veterinary Medicine, Federal University of Agriculture, Abeokuta 2020 to date
- b. Lecturer I (Veterinary Parasitology), Department of Veterinary Microbiology and Parasitology, College of Veterinary Medicine, Federal University of Agriculture, Abeokuta 2015 to 2020
- c. Lecturer II (Veterinary Parasitology), Department of Veterinary Microbiology and Parasitology, College of Veterinary Medicine, Federal University of Agriculture, Abeokuta 2011 to 2015

ii. Undergraduate Teaching**2015/2016 Session**

Course Code	Course Title	Course Units	No. of Students	Contact Hours/Week	No. of Lecturers	Individual Contribution
VPR 312	Introductory Veterinary Parasitology	2	35	4	3	33.3%
VPR 401	Veterinary Helminthology	3	39	5	3	33.3%
VPR 402	Veterinary Entomology	3	39	5	3	33.3%
VPR 404	Veterinary Protozoology	2	39	4	3	33.3%
VCC 501	Clinics I	5	39	20	3	33.3%
VCC 502	Clinics II	5	39	20	3	33.3%
VCC 601	Clinics III	10	32	20	3	33.3%
VCC 602	Clinics IV	10	32	20	3	33.3%

2016/2017 Session

Course Code	Course Title	Course Units	No. of Students	Contact Hours/Week	No. of Lecturers	Individual Contribution
VPR 312	Introductory Veterinary Parasitology	2	35	4	3	33.3%
VPR 401	Veterinary Helminthology	3	39	5	3	33.3%
VPR 402	Veterinary Entomology	3	39	5	3	33.3%
VPR 404	Veterinary Protozoology	2	39	4	3	33.3%
VCC 501	Clinics I	5	34	20	3	33.3%
VCC 502	Clinics II	5	34	20	3	33.3%
VCC 601	Clinics III	10	39	20	3	33.3%
VCC 602	Clinics IV	10	39	20	3	33.3%

2017/2018 Session

Course Code	Course Title	Course Units	No. of Students	Contact Hours/Week	No. of Lecturers	Individual Contribution
VPR 312	Introductory Veterinary Parasitology	2	32	4	3	33.3%
VPR 401	Veterinary Helminthology	3	35	5	3	33.3%
VPR 402	Veterinary Entomology	3	35	5	3	33.3%
VPR 404	Veterinary Protozoology	2	35	4	3	33.3%
VCC 501	Clinics I	5	34	20	3	33.3%
VCC 502	Clinics II	5	34	20	3	33.3%
VCC 601	Clinics III	10	36	20	3	33.3%
VCC 602	Clinics IV	10	36	20	3	33.3%

2018/2019 Session

Course Code	Course Title	Course Units	No. of Students	Contact Hours/Week	No. of Lecturers	Individual Contribution
VPR 312	Introductory Veterinary Parasitology	2	30	4	3	33.3%
VPR 401	Veterinary Helminthology	3	30	5	3	33.3%
VPR 402	Veterinary Entomology	3	30	5	3	33.3%
VPR 404	Veterinary Protozoology	2	34	4	3	33.3%
VCC 501	Clinics I	5	32	20	3	33.3%
VCC 502	Clinics II	5	32	20	3	33.3%
VCC 601	Clinics III	10	30	25	3	33.3%
VCC 602	Clinics IV	10	30	25	3	33.3%

iii. Administrative Experience

- a. Member, Federal University of Agriculture Abeokuta (FUNAAB) Timetable and Examinations Committee (TIMTEC) (COLVET representative) 2017 to date
- b. Member, College board of College of Physical Sciences (COLVET representative) 2015 to 2016
- c. Examination officer, Department of Veterinary Microbiology and Parasitology 2014 to 2015

iv. Professional Experience

- a. Registrar, Veterinary Teaching Hospital, Federal University of Agriculture, Abeokuta 2011 to date
- b. Veterinary officer, Oyo State Ministry of Agriculture, Ibadan, Oyo State 2009 to 2010
- c. Veterinarian and Farm manager, Zeemkolo farms, Igbesa, Ogun State 2009

04. SPECIAL ASSIGNMENTS/COMMUNITY SERVICE

- a. Collation officer, General Elections 2019
- b. Invigilator, Joint Admission and Matriculation Board 2012

05. TRAINING PROGRAMME ATTENDED

- a. 2- Day Intensive Training Workshop on: Research Grants Sourcing and Proposal Writing organized by Directorate of Grants Management, University of Agriculture, Abeokuta, Ogun State, Nigeria 2018
- b. Workplace Hazardous Materials Information System (WHMIS) training organized by University of Prince Edward Island, Charlottetown, Canada 2016
- c. A 2-day write-shop on International Foundation for Science (IFS) grants organized by Postgraduate School, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria 2014

- d. A 2-day Training on Research Design and Methodology for Doctoral Students organized by University of Ibadan, Oyo State, Nigeria 2014
- e. A 2-Day Capacity-Building Training for Departmental SIWES Coordinators and College Representatives: “Work-Based learning, Job Analysis and Career Placement” organized by Directorate of SIWES, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria 2014
- f. A-Day Training on “Ethics of Examination and Invigilation organized by Timetable and Examination Committee (TIMTEC), FUNAAB. 2014
- g. Veterinary Council of Nigeria Professional Continuing Education Seminar titled Empowering the Veterinarian for self-reliance organized by Veterinary Council of Nigeria. 2012
- h. 14th UNAAB Summer course on Polymerase Chain Reaction and Protein Analytical Techniques and their Applications organized by Federal University of Agriculture, Abeokuta 2010

06. COMMENDATIONS NIL

07. MEMBERSHIP OF PROFESSIONAL BODIES

- a. Member, Nigerian Veterinary Medical Association (NVMA)

08. RESEARCH INTEREST OR COMMISSIONED PROJECTS

(i) Completed

- a. Prevalence of *Anaplasma* and *Ehrlichia* in goats slaughtered at an abattoir in Oyo State, Nigeria
- b. Molecular characterization of *Giardia duodenalis* infecting sheep, goats and pigs in Ogun State, Nigeria
- c. Molecular characterization of *Giardia duodenalis* infecting rabbits in Ogun State, Nigeria
- d. Comparison of three culturing techniques for cattle faeces
- e. Identification of helminthes and protozoan parasites on vegetation along the grazing routes of two cattle farms in a Federal University in Nigeria.
- f. Identification of ticks on cattle managed on two University research farms in Ogun State

- and on grasses along their grazing routes
- g. Occurrence of cryptosporidiosis and giardiasis in slaughtered cattle at a municipal abattoir in Ogun State, Nigeria.
 - h. Detection of *Cryptosporidium parvum*, *Giardia lamblia* and *Entamoeba histolytica* coproantigens in animal handlers on the Teaching and Research Farm (DUFARMS) FUNAAB, Ogun State, Nigeria.
 - i. Prevalence of porcine cryptosporidiosis in Ogun State, southwest Nigeria

(ii) In progress

- a. Molecular characterization of *Giardia duodenalis* infecting cattle in Ogun State, Nigeria
- b. Molecular characterization of *Giardia duodenalis* infecting undergraduate students of a private University in Ogun State, Nigeria
- c. Molecular characterization of *Giardia duodenalis* infecting farm workers in Ogun State, Nigeria
- d. Molecular characterization of *Giardia duodenalis* infecting Isa Brown laying birds in Ogun State, Nigeria
- e. Molecular characterization of *Giardia duodenalis* infecting Kalahari Red goats in Ogun State, Nigeria

09. PUBLICATIONS

(i) Thesis and Dissertation

- a. Akinkuotu, Olufemi Ambrose (2020): Prevalence and molecular genotyping of *Giardia* species in sheep, goats and pigs in Ogun State, Nigeria. Department of Veterinary Microbiology and Parasitology, Federal University of Agriculture, Abeokuta (Ph. D thesis)
- b. Akinkuotu, Olufemi Ambrose (2012): Prevalence of *Cryptosporidium* infection in cattle in Ogun State, Nigeria. Department of Veterinary Microbiology and Parasitology, Federal University of Agriculture, Abeokuta (M.V.Sc dissertation).
- c. Akinkuotu Olufemi Ambrose (2009): Physico-chemical and microbial qualities of water used at Lafenwa Municipal abattoir, Ogun State. Department of Veterinary Public Health

and Reproduction, Federal University of Agriculture, Abeokuta (D.V.M. project).

(ii) **Journal Articles in Print**

- (1) *^fOkwelum, N., Onagbesan, O.M., **Akinkuotu, O.A.**, Bemji, M.N., Daramola, J.O. & Osinowo, O.A. (2020): Variations in Interleukin-10 gene underlying trypanotolerance in Nigerian indigenous cattle. *Alexandria Journal of Veterinary Sciences*. 64 (2): 13-20. Published by the Faculty of Veterinary Medicine, Alexandria University, Egypt. Available online at <http://10.5455/ajvs.54849>.
- (2) *^fOkwelum, N., **Akinkuotu, O.A.**, Shittu, O.O. & Oluwatosin, B.O. (2019): Assessment and control of tick infestation in Kalahari Red goats reared in humid tropics and the efficacy of different acaricides. *Bulletin of Animal Health and Production in Africa*. 67 (2): 191-196. Published by Inter-African Bureau for Animal Resources. Available online at <https://au-ibar.org/component/jdownloads/finish/14/3523>.
- (3) *^fOkwelum, N., **Akinkuotu, O.A.**, Shittu, O.O. & Oluwatosin, B.O. (2019): Prevalence of *Haemonchus contortus* in Kalahari Red goats reared in the southwest Nigeria. *Bulletin of Animal Health and Production in Africa*. 67 (1): 125-129. Published by Inter-African Bureau for Animal Resources. Available online at <https://au-ibar.org/component/jdownloads/finish/14/3524>
- (4) *Okwelum, N., **Akinkuotu, O.A.**, Bemji, M.N., Daramola, J.O., Oluwatosiin, B.O., Onagbesan, O.M. & Osinowo, O.A. (2019): Prevalence of *Trypanosoma vivax* infection of cattle in south-west, Nigeria. *Nigerian Journal of Animal Production*. 46 (2): 228-234. Published by the Nigerian Society for Animal Production. Available online at <https://njap.org.ng/index.php/njap/article/view/39>
- (5) *^f**Akinkuotu, O.A.**, Takeet, M.I., Otesile, E.B., Olufemi, F., Greenwood, S.J. & McClure, J.T. (2019): Prevalence and multilocus genotypes of *Giardia duodenalis* infecting pigs in Ogun State, Nigeria. *Infection, Genetics and Evolution*. 70: 53-60. Published by Elsevier. Available online at: <https://doi.org/10.1016/j.meegid.2019.02.017>.
- (6) *^f**Akinkuotu, O.A.**, Takeet, M.I., Otesile, E.B., Olufemi, F., Greenwood, S.J. & McClure, J.T. (2019): Multi-locus genotyping and phylogenetic analyses of *Giardia intestinalis* isolates from indigenous goats in Ogun State, Nigeria. *Acta Tropica*. 195: 15-22. Published by Elsevier. Available online at: <https://doi.org/10.1016/j.actatropica.2019.04.009>.
- (7) *^f**Akinkuotu, O.A.**, Greenwood, S.J., McClure, J.T., Takeet, M.I., Otesile, E.B. & Olufemi, F. (2018): Multilocus genotyping of *Giardia duodenalis* infecting rabbits in Ogun State, Nigeria. *Veterinary Parasitology: Regional Studies and Reports*. 13: 171-176. Published by Elsevier. Available online at: <https://doi.org/10.1016/j.vprsr.2018.06.005>.
- (8) ***Akinkuotu, O.A.**, Sodunke, S., Akinkuotu, O. & Oseni, S. (2017): Asymptomatic giardiasis in a rabbitry in southwest Nigeria. *Vom Journal of Veterinary Science*. 12:

46-48. Published by National Veterinary Research Institute, Vom, Nigeria. Available online at www.scopemed.org/?mno=879186

- (9) *Durosinmi E.M., Olufemi F.O., Oyekunle M.A., Omotainse O.S., Omoshaba O.E. & **Akinkuotu O.A.** (2017): Sero-prevalence of *Bordetella bronchiseptica* in pigs from some selected farms in Abeokuta, Ogun State. *Nigerian Veterinary Journal*. 38 (1): 78-82. Published by Nigerian Veterinary Medical Association. Available online at <https://www.ajol.info/index.php/nvj/article/view/163888>.
- (10) *Oluwayinka, E.B., Okunuga, F.S., Oni, O.O., Olukunle, J.O., **Akinkuotu, O.A.** & Oluwayinka, O.G. (2017): Activities of aqueous extracts of soursop (*Annona muricata*) leaves on immune response, haematology and serum biochemistry of broiler chickens. *Nigerian Journal of Animal Production*. 44(3): 110-116. Published by The Nigerian Society for Animal Production. Available online at <https://www.ajol.info/index.php/njap/article/view/193548>
- (11) ***Akinkuotu, O.A.**, Akinkuotu, A.C. & Oseni, O.T. (2016): Prevalence of *Cryptosporidium* infection in a rabbitry in Abeokuta, Nigeria. *Nigerian Veterinary Journal*. 37 (4): 243-246. Published by Nigerian Veterinary Medical Association. Available online at <https://www.ajol.info/index.php/nvj/article/view/163816>
- (12) ***Akinkuotu, O.A.**, Okwelum, N, Famakinde, S.A. & Akinkuotu, A.C. (2016): Prevalence of *Cryptosporidium* infection in recently acclimatized Kalahari Red goats in Nigeria. *Vom Journal of Veterinary Science*. 11(1): 112-116. Published by National Veterinary Research Institute, Vom, Nigeria. Available online at www.scopemed.org/?mno=249178
- (13) ***Akinkuotu, O. A.**, Okwelum, N., Famakinde, S. A., Akinkuotu, A. C. & Oseni, O. T. (2016): *Giardia* infection in recently acclimatized Kalahari Red goats in Nigeria. *Nigerian Veterinary Journal*. 37 (1): 16-23. Published by Nigerian Veterinary Medical Association. Available online at <http://www.ajol.info/index.php/nvj/article/view/147342>
- (14) **Akande, F.A., Olayemi, M.D., Ajayi, O.L., Oni, O.O. & Akinkuotu, O.A.* (2016): Sero-prevalence of swine toxoplasmosis in Ogun State, Nigeria. *Nigerian Journal of Parasitology*. 37(2): 195-199. Published by Parasitology and Public Health Society of Nigeria. Available online at <http://www.ajol.info/index.php/njpar/article/view/144967>
- (15) **Akinkuotu, O.A.**, Jacobs, E.B. & Egbetade, A.O. (2015): Prevalence of strongylids of pigs in Ogun state, southwest Nigeria. *Nigerian Journal of Animal Production*. 42(1): 213-217. Published by The Nigerian Society for Animal Production. Available online at <http://www.ajol.info//index.php/njap/article/view/116858>
- (16) **Akinkuotu, O.A.**, Fagbemi, B.O. & Adeyanju, J. (2015): Prevalence of *Cryptosporidium parvum* in pigs in Ogun State, southwest Nigeria. *Vom Journal of Veterinary Science*. 10 (1): 27-32. Published by National Veterinary Research Institute, Vom, Nigeria. Available online at www.scopemed.org/?mno=229548

- (17) **Akinkuotu, O.A.** & Fagbemi, B.O. (2014): Occurrence of *Cryptosporidium* species coproantigens on a University teaching farm in Nigeria. *Sokoto Journal of Veterinary Sciences*. 12(2): 41-46. Published by Faculty of Veterinary Medicine, Usmanu Danfodiyo University, Sokoto state, Nigeria. Available online at <http://dx.doi.org/10.4314/sokjvs.v12i2.7>
- (18) **Akinkuotu, O.A.**, Fagbemi, B.O., Otesile, E.B., Dipeolu, M.A. & Ayinmode, A.B. (2014): *Cryptosporidium* infection in cattle in Ogun State, Nigeria. *Sokoto Journal of Veterinary Sciences*. 12(2): 52-56. Published by Faculty of Veterinary Medicine, Usmanu Danfodiyo University, Sokoto state, Nigeria. Available online at <http://dx.doi.org/10.4314/sokjvs.v12i2.9>
- (19) **Akinkuotu, O.A.**, Fagbemi, B.O., Jacobs, E.B., Oseni, S.O. & Adeyanju, J. (2014): Prevalence of *Cryptosporidium parvum* in sheep in Abeokuta, Ogun state, Nigeria. *Nigerian Journal of Animal Production*. 41(2): 196-201. Published by The Nigerian Society for Animal Production. Available online at <https://doi.org/10.51791/njap.v41i2.806>.
- (20) Egbetade, A., **Akinkuotu, O.**, Jayeola, O., Niniola, A., Emmanuel, N., Olugbogi, E. & Onadeko, S. (2014): Gastrointestinal helminthes of resident wildlife at the Federal University of Agriculture Zoological Park, Abeokuta. *Sokoto Journal of Veterinary Sciences*. 12(3): 26-31. Published by Faculty of Veterinary Medicine, Usmanu Danfodiyo University, Sokoto state, Nigeria. Available online at <http://dx.doi.org/10.4314/sokjvs.v12i3.5>
- (21) **Akinkuotu, O.A.**, Ayinmode, A.B., Dipeolu, M.A., Fagbemi, B.O. & Otesile, E.B. (2014): Comparison of Enzyme-Linked Immunosorbent Assay with acid-fast staining to detect *Cryptosporidium* of cattle faeces. *Journal of Agricultural Science and Environment*. 14: 124-129. Published by Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. Available online at <https://journal.unaab.edu.ng/index.php/JAgSE/article/view/1443>
- (22) Adebowale, O.O, **Akinkuotu, O.A.**, Kehinde, O.O. & Adebowale, O. (2012): Public health implication of unwholesome practices at a municipal abattoir in southwestern Nigeria. *Journal of Natural Science Engineering and Technology*. 11(1): 136-143. Published by Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. Available online at <http://journals.unaab.edu.ng/index.php/jnset>.
- (23) Olukunle, J.O., Ajayi, O.L., Adenubi, O.T., Jacobs, E.B., Okediran, B.S. & **Akinkuotu, O.A.** (2012): Evaluation of the toxic effect of aqueous extract of the bark of *Morinda morindoides* in male Wistar rats. *Nigerian Journal of Animal Production*. 39(2): 163-171. Published by The Nigerian Society for Animal Production. Available online at <http://www.ajol.info/index.php/njap/article/view/117156>.
- (24) Olukunle, J.O., Ajibola, E.S., Biobaku, K.T., Okediran, B.S. & **Akinkuotu, O.A.** (2012): Effects of *Lippia multiflora* leaf extract on semen of Wistar rats. *Nigerian Journal of Animal Production*. 39(2): 172-178. Published by The Nigerian Society for Animal Production. Available online at <http://www.ajol.info//index.php/njap/article/view/117157>.

Legend

*: Additions since last promotion (14)

^f: Foreign journals (6)

10. MAJOR CONFERENCES ATTENDED WITH PAPERS READ

Akinkuotu, O.A. and Fagbemi, B.O. (2018): Occurrence of *Cryptosporidium* coproantigens in suckling domestic ruminants in Ogun State, Nigeria. 55th Annual Congress of Nigerian Veterinary Medical Association (NVMA) held in Usmanu Danfodiyo University, Sokoto, Sokoto State, Nigeria from 22nd to 27th October, 2018.

Akinkuotu, O.A., Oluwayinka, E.B., Okwelum, N., Akinkuotu, C.A. and Adeyanju, J. (2018): *Cryptosporidium* infection in diarrhoeic ruminants managed semi-intensively in Ogun State, Nigeria. 55th Annual Congress of Nigerian Veterinary Medical Association (NVMA) held in Usmanu Danfodiyo University, Sokoto, Sokoto State, Nigeria from 22nd to 27th October, 2018.

Akinkuotu, O.A., Takeet, M.I., Otesile, E.B., Olufemi, F., Greenwood, J.S. and McClure, J.T. (2016): Multilocus genotyping of *Giardia* species in farmed rabbits in southwest Nigeria. 2nd Atlantic Canada Association of Parasitologists (ACAP) conference held in Pictou, Nova Scotia, Canada from 2nd to 4th November, 2016.

Jacobs, E.B., Oni, O.O., Mshelbwala, F.M., **Akinkuotu, O.A.** and Ogunyinka, O.G. (2014): Aberrant migration of *Ascaridia galli* into the gallbladder and peritoneum of chickens. 51st Annual Congress of Nigerian Veterinary Medical Association (NVMA) held in Umaru Musa Yar' Adua Indoor Sport Centre, Kaduna, Kaduna State from 23rd to 28th November, 2014.

11. INFORMATION ON FELLOWSHIP, MASTER'S PROJECTS AND PH.D THESIS SUPERVISED

Nil

12. EXTRA CURRICULA ACTIVITIES

Sports: tennis, table tennis, squash

Watching movies