CURRICULUM VITAE

I. (a) Name: Linda Chinyere OMOSEKEJI (nee AGBUGBA)
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II. University Education and Academic Qualifications (with dates):

(a) University of Ibadan, Ibadan, Nigeria: 2017-2018
Master of Science (Veterinary Reproduction)
CGPA: 7.0/7.0

(b) University of Nigeria, Nsukka, Nigeria: 2008-2014
Doctor of Veterinary Medicine (D.V.M)
Distinctions: 10

III. Professional Qualifications and Diplomas (with dates):

(a) Doctor of Veterinary Medicine (D.V.M) 2014
(b) Registered Veterinary Surgeon (VCN Reg. No. 7475) 2014
(c) Fellow College of Veterinary Surgeons, Nigeria 2025

IV. Scholarships, Fellowships and Prizes (with dates) in respect of Undergraduate and Postgraduate work only:

(a) Professor R. C. Ezeokonkwo's Award for the Best Student in Veterinary Parasitology: 2015
(b) Dr. Frank Onyeka's Memorial Award for the Best Student in Clinics: 2015
(c) Dr E.C. Okwor's Award for the Best Student in Veterinary Microbiology: 2015
(d) Professor Maximus Ikeme's Memorial Award for the Best Student in Veterinary Parasitology: 2015
(e) Ladies of Veterinarians Annual Award to the Best Female Student: 2015
(f) Best Graduating Masters Student in the University of Ibadan: 2018

V. Honours, Distinctions and Membership of Learned Societies:

(a) Member, Nigerian Veterinary Medical Association (NVMA).
(b) Member, Society of Animal Reproduction and Improvement (SARI)
(c) Member, Nigerian Society of Theriogenologist.

VI. Project, Dissertation and Thesis:

i. **Agbugba, L. C.** (2014). Morphology and morphometric study of Quail testes (*Coturnix coturnix*). D.V.M. Project, University of Nigeria, 49 pp.
ii. **Agbugba, L. C.** (2018). Vaginal mucus resistivity, temperature and cytology around insemination time in White Fulani cattle under three oestrus synchronization protocols. M.V.Sc, Project, University of Ibadan, 92 pp.

VII. Project Students Supervised

Fiewor Joan Oghenekewve (Martic No: 200795) - April, 2024
Dissertation topic: Gross and histopathological findings on the ovaries and oviducts of slaughtered cows at Akinyele Central Abattoir in Ibadan

Adefila Adegoke Ayobami (Martic No: 200751) - April, 2024
Dissertation topic: Investigation of foetal wastages and uterine abnormalities in slaughtered cows at Akinyele Central Abattoir in Ibadan

Fasanya Mikail Abiola (Martic No: 205811) - February, 2025
Dissertation topic: Effect of noodle waste consumption on hematology, reproductive hormones and organs of female Wistar rats

Hervie Karen Akuma (Matric No: 215983) - December, 2025
Dissertation topic: Comparative assessment of noodle waste and fishmeal diets on reproductive parameters post-mating in female Wistar rats

VIII. Research in progress

- **Investigation of foetal wastages and reproductive abnormalities in female cattle**
  This study is designed to investigate the common reproductive abnormalities in female cattle as well as the level of foetal wastage in the abattoir and how it impacts cattle production. The common reproductive abnormalities of the ovary, oviduct, uterus, cervix and vagina in relation to age and body condition score. Also, the frequency of occurrence of foetal wastage as well as the gestational age most affected will be determined. This will help in raising an advocacy for routine pregnancy diagnosis for female cattle in order to optimize cattle production.

- **Investigation of indomie waste effect on female reproduction using Wistar rat**
  This study is designed to investigate the effect of indomie waste on reproductive performance of pubertal Wistar rats with a focus on the oestrous cycle, ovarian and uterine changes as well as pregnancy. This is necessitated by its increased use as alternative food for companion animals due to economic challenges.

IX. Research Internship

1. Breast Cancer hub USA online research internship with **Dr Lopamudra Das Roy**
   Duration: April, 2022 - January, 2023
   Publication: Current Breast Cancer Statistics and Scenarios in Africa (https://www.breastcancerhub.org/breast-cancer/about-breast-cancer-africa)
2. International Virtual Research Internship Program on Genomics and Bioinformatics (GENOMAC INSTITUTE INC.): May to August, 2025

X. Work Experience

1. **Lecturer I**
   University of Ibadan Faculty of Veterinary Medicine

Department of Theriogenology
PERIOD: October 2023-till date
WORK SCOPE INCLUDES:
• Teaching undergraduate students and coordinating their clinical activities.
• Attending to other administrative functions assigned to me by the Head of Department.

2. **Registrar**
University of Ibadan
Faculty of Veterinary Medicine
Veterinary Teaching Hospital
PERIOD: August 2020-till date
WORK SCOPE INCLUDES:
• Diagnosing and treating animals with different reproductive problems.
• Breeding soundness evaluation for animals presented to the hospital.
• Offering artificial insemination services in bitches.

3. **Lecturer II**
University of Ibadan Faculty of Veterinary Medicine
Department of Theriogenology
PERIOD: November 2019-September 2023
WORK SCOPE INCLUDES:
• Teaching undergraduate students and coordinating their clinical activities.
• Attending to other administrative functions assigned to me by the Head of Department.

4. Veterinary Services Department Ministry of Agriculture and Natural Resources, State Secretariat, Opposite Unity Square, Abakaliki, Ebonyi State.
POSITION: Veterinary Clinician
PERIOD: 2015-2016 (NATIONAL YOUTH SERVICE YEAR) WORK SCOPE INCLUDES:
• Assisting the Resident Veterinary Officers.
• Diagnoses and treating animals of different species.
• Ante and Post-mortem inspection of animals at the Abattoirs.
• Investigating and documenting reported dog bite cases.
• Monitoring, investigating, isolating, stamping out positive cases of Avian Influenza infected flock and disinfecting infected poultry farm premises.

X. Publications:

(a) Books Already Published:

1. Leigh, O. O., Mutembei, H. M. and **Agbugba, L. C**. (2019). Guide to Clinical and Laboratory Procedures in Theriogenology. Scholarship Books Ltd. Ibadan, Nigeria. ISBN: 978-978-526-602-3. 324 pages.

2. **Agbugba, L. C.** (2019). Farm Record Keeping. In: Guide to Clinical and Laboratory Procedures in Theriogenology (O.O. Leigh, H.M. Mutembei and **L.C**. **Agbugba** Eds). Scholarship Books Nig. Ltd. Ibadan. ISBN: 978-978-526-602-3.

3. **Agbugba, L. C.** and Ibiam, A. E. (2019). Pregnancy Diagnosis (Cyesiognosis) in Domestic Animals. In: Guide to Clinical and Laboratory Procedures in Theriogenology. (O.O. Leigh, H.M. Mutembei and **L.C**. **Agbugba** Eds). Scholarship Books Nig. Ltd. Ibadan. ISBN: 978-978-526-602-3.

4. **Agbugba, L. C.** and Leigh, O. O. (2019). Oestrus Synchronization. In: Guide to Clinical and Laboratory Procedures in Theriogenology (O.O. Leigh, H.M. Mutembei and **L.C**. **Agbugba** Eds). Scholarship Books Nig. Ltd. Ibadan. ISBN: 978-978-526-602-3.

5. **Agbugba, L. C.** and Leigh, O. O. (2019). Neonatal Care in Domestic Animals. In: Guide to Clinical and Laboratory Procedures in Theriogenology. (O.O. Leigh, H.M. Mutembei and **L.C**. **Agbugba** Eds). Scholarship Books Publishers Ltd. Ibadan. ISBN: 978-978-526-602-3.

6. Ibiam, A. E., **Agbugba, L. C.** and Leigh, O. O. (2018). Controversy on the effects of *Spondias mombin* on reproduction in Albino rats. *Proceedings of the 55th Annual Congress of the Nigerian Veterinary Medical Association (NVMA). Sokoto,* 163 – 171 pp

7. Leigh, O. O., Mustapha, L., **Agbugba, L. C.** and Ibiam, A. E. (2018). Timed artificial insemination: Pregnancy rates in Sokoto Gudali cattle treated with Prostaglandin F2 alpha at a private dairy farm in Nigeria. Animal Production. Vol. 20. No. 1: 1 - 6.

8. Leigh, O. O., Mustapha, L., **Agbugba, L. C.**, Ibiam, A. E. and Olorunnisomo, O. A. (2018). Estrus detection in dairy cattle: Are vaginal detector probes species-specific to vaginal mucus? Nigerian Journal of Animal Production. Vol. 45. No. 4: 43 - 51.

9. Leigh, O. O., **Agbugba, L. C**., Ibiam, A. E. and Oyewunmi A. O. (2019). Vaginal mucus resistivity and Intenseness of vulva discharge: Dis-uniformity in trends had zero effect on conception following multiple insemination in Ovsynch-treated Bunaji cows. Nigerian Journal of Animal Production. Vol. 46. No. 2: 55 - 61.

10. **Agbugba, L. C**., Oyewunmi A. O., Ibiam, A. E. and Leigh, O. O. (2019). Vaginal mucus resistivity evaluation in Cattle: reliability of the Swine estrous detector probe during 16th-hour insemination following ovulation synchronization (Short Communication). Nigerian Veterinary Journal. Vol. 40. No. 3:186 - 189

11. **Agbugba, L. C**., Oyewunmi, A. O., Atawalna, J. and Leigh, O. O. (2019). Pregnancy rates following cattle artificial insemination: The toll of late return to estrus and clarion call for reproductive health screening and possibly more. Tropical Veterinarian. Vol. 37. No. 4: 224-233.

12. **Agbugba L. C**., Obafemi, O. M., Odekhe, E. C and Leigh, O. O. (2020). Observations with estradiol titre, genitalia and parturition time in female albino rats treated with aqueous Adansonia digitata leaf extract. Nigerian Journal of Animal Science. Vol. 22. No. 2: 90 - 97.

13. **Agbugba, L. C**., Oyewunmi, A. O., Ogundumade, T. P. and Leigh, O. O. (2020). Investigation of vaginal mucus parameters: Development of models for staging the oestrous cycle of the Bunaji cow. Reproduction in Domestic Animals. Vol. 55. No. 9: 1044 – 1053.

14. Ohore, O. G., Jarikre, T. A., **Agbugba, L**., Gurumyen, G. Y., Ola, O. O. Adekunle, L. A., Usman, A. A., Jubril, A. J., Alaka, O. O., Tijani, M. O., Oyeyemi, M. O., Taiwo, V. O. and Antia, R. E. (2021). Penile Squamous Cell Carcinoma in A Boerboel Dog in Ibadan, Nigeria – A Case Report. Journal of Veterinary and Biomedical Sciences. Vol. 3. No. 1: 107 - 111.

15. Obafemi, O. M., Ugokwe, I. N., Yusuf, A., Bolaji, A. A., Mustapha, L., Famakinde, S. A., **Agbugba, L. C.,** Oladipupo, A. A., Ibiam, A. E., Iyanda, A., Adeyeye, A. A. and Leigh, O. O. (2021). Insights from progesterone fertility tests: Vaginal mucus resistivity and cytology techniques for enhanced dog breeding in developing countries. Tropical Veterinarian. Vol. 39 No. 1: 2 - 13.

16. **Agbugba, L. C.,** Woods, L. M., Uguomore F. I., Ige, A. O., Uruakpa, G. O., Sodeinde. I. M., Shittu, A., Oladipupo, A. A., Ajani, S. O., Ajala, O. O., Oyeyemi, M. O. and Leigh, O. O. (2021). The external genital conformation of a 4-month-old German shepherd intersex dog: a case report. Tropical Veterinarian. Vol. 39. No. 3: 41 – 47. (Nigeria)

17. Anifowose, O. R., Dunmade, A. T., Bakre, A. A. and **Agbugba, L. C.** (2022) Effect of Aloe vera gel extract treatment on fertility rates in Harco strain Plymouth rock male cockerel. Veterinary Research Notes. Vol. 2. No. 2: 22 – 26.

18. Oyeyemi M. O., Amoo O. A. and **Agbugba L. C.** (2022). Oestrus Synchronization in West African Dwarf Goat: Effect of Prostaglandin Synchronized Oestrus on In-Vitro Cervical Mucus Sperm Characteristics. Acta Scientific Veterinary Sciences. Vol. 4. No. 8: 4 - 10. (India)

21. **Agbugba L.** and **Lopamudra Das Roy (2023). Current Breast Cancer Statistics and Scenarios in Africa.** https://www.breastcancerhub.org/breast-cancer/about-breast-cancer-africa

22. Asiwe, J. N., Ekene, E. N., **Agbugba, L. C**., Moke, E. G., Akintade, A. V., Ben-Azu, B., Eruotor, H., Daubry, T. M. E., Anachuna, K. K. and Oyovwi, M. O. (2023). Ginkgo biloba supplement abates lead-induced endothelial and testicular dysfunction in Wistar rats via up-regulation of Bcl-2 protein expression, pituitary-testicular hormones and down-regulation of oxido-inflammatory reactions. *Journal of Trace Elements in Medicine and Biology*, *79*, 127216. https://doi.org/10.1016/j.jtemb.2023.127216 (Germany)

23. Ajani, O. S., **Agbugba, L. C.**, Bolaji-Olutunji A. F., Hamzat A. A. and Ajala O. O. (2024). Mammary Gland Lymphoma in a 7-Year Old German Shepherd Bitch. *Animal Research International*. Vol. 21(1): 5225 – 5230 (Nigeria)

24. Ajani, O. S., **Agbugba, L. C.**, Oguntoye, C. O. and Eyarefe, O. D. (2024). Oxytocin misuse: A pitfall in the management of canine dystocia. *Veterinary Record Case Reports*. Vol. 13(1): e1067. doi: https://doi.org/10.1002/vrc2.1067. (England)

25. **Omosekeji, L. C.,** Onoja, M. J., Oguntoye, C. O., Ajala, O. O., Leigh, O. O. and Eyarefe, O. D. (2024). Congenital Preputial Ostium Atresia and Persistent Penile Frenulum in a 3-Month-Old German shepherd Dog. *SVU-International Journal of Veterinary Sciences*. Vol. *8(*1): 1-6. https://doi.org/10.21608/svu.2024.330756.1350 (Egypt)

26. **Omosekeji, L. C.,** Ogunbunmi, T. K., Oviawe, L. O., Ekeolu, O. K., Olurode, S.A., Okunowo, O. O., Onoja, M. J., Oyetayo, N. S., Oguntoye, C. O., Ajala, O. O., Oyeyemi, M. O. and Eyarefe, O. D. (2025). Foetal maceration in a 13-month-old primigravida bitch: A case study. *Animal Research International*. Vol. 22(3): 6722–6729. https://www.ajol.info/index.php/ari/article/view/312950 (Nigeria)

27. Osunkoya, D., **Agbugba, L. C**., Bolaji, O. F., Ajala, O. O. and Oyeyemi, M. O. (2025). Post-parturient uterine prolapse in a Yankassa ewe presented to the Veterinary Teaching Hospital, University of Ibadan, Ibadan. *Tropical Veterinarian*. Vol. 43 (1): 59-64. https://ojshostng.com/index.php/TropicalVet/article/view/4038 (Nigeria)

28. Osunkoya, D., Anifowose, O., **Omosekeji, L**., Akinniyi, O., Onoja, M., Olakojo, T., Banwo, O., Lawal, T. and Ajala, O. (2025). Characterization and antimicrobial resistance of vaginal microbiota in mares from Lagos and Oyo States, Nigeria. *Veterinaria*. Vol.74 (2):179-190. https://doi.org/10.51607/22331360.2025.74.2.179 ()

29. Ola, O. O., Jarikre, T. A., Tijani, M. O., Olaifa, O. S., Adekunle, U. A., Ohore, O. G., Alaka, O. O., **Omosekeji, L. C.,** Onoja, M. J., Bolaji, O. F., Oyeyemi, M. O., Fagbohun, O. A. and Eyarefe, O.D. (2025). Concurrent cutaneous papilloma and vaginal fibroepithelial polyp in an adult female dog. *Ovozoa: Journal of Animal Reproduction*. Vol. 14(3): 171–178.https://doi.org/10.20473/ovz.v14i3.2025.171-178

30. Onoja, M. J., Aderounmu, E. A., **Omosekeji, L. C.,** Oviawe, L. O., and Oyeyemi, M. O. (2026). Acute Acquired Penile Paraphimosis in a Three-Month-Old German Shepherd Puppy. *Sahel Journal of Veterinary Sciences*, *23*(2), 26-29. https://doi.org/10.54058/9cqtra64 (Nigeria)

XI. Training Programmes and Certifications

- Computer-aided drug designing (CADD) by Verdant Legacy Publications: October to December, 2025

- I3 online symposium on Exploring Strategies to Improve Female Fertility organized by International IVF Initiative held on 7 February, 2023 in Atlanta, United States.

- The Association of Commonwealth Universities in collaboration with University of Calabar, 3- day Online Early-Career Researcher Workshop on Grant-Writing Skills held on September 20-22, 2022.

- Professional Continuing Education Courses of the Veterinary Council of Nigeria 20-21 July 2022. Theme: Beyond boundaries: Fishing in the Ocean of Multilateral Organisation.

- I3 online symposium on Mighty Molecules in Reproduction organized by International IVF Initiative held on 5 April, 2022 in Atlanta, United States.

- Breast Cancer Hub online workshop on etiology of cancer and metastasis, prevention, role of lifestyle and inflammation, early detection, genetics, risk factor, palliative cares. Challenges with breast cancer through reality incidents held on 15 March, 2022

- Basics of CRISPR/Cas9 course by The Jackson Laboratory 7 August 2021

- Professional Continuing Education Courses of the Veterinary Council of Nigeria on Optimizing Extant Opportunities in the Current Global Health Crises, 8-29 July, 2021.

- Animal Care and Use Research Ethics Committee {ACUREC} workshop on Achieving Effectiveness, Efficiency, Integrity and Reliability in Animal-Based Research held at Faculty of Veterinary Medicine, University of Ibadan, Nigeria, 28-29 June, 2021.

- Citizenship and Leadership Training by MAN O' WAR of Nigeria: September 2006

- Peer Education Training Course, under the NYSC Reproductive Health and HIV/AIDS Prevention Project: November, 2006

XII. Conferences/Workshops attended

1. The 4th International Online Conference on Animals held on 17-19 March, 2026.
   Papers Read: Omosekeji L. C., Osunkoya D., Fasanya, M. A., Olaifa, O. S., Arowolo, I. A. (2026). Dietary Noodle Waste-Induced Alterations in Ovarian Biometry, Histological Integrity and Oxidative Status in Wistar Rats.
2. First International Conference of the Pan African University (PAU) held on 19-21 November, 2024 in Ibadan, Nigeria.
   Papers Read: Omosekeji L. C., Osunkoya D., Fiewor J. O., Adefila A. A. and Leigh O. O. (2024). Postmortem findings on foetal wastages, ovarian and uterine pathologies in slaughtered cows at the central abattoir in Ibadan.
3. Society of Animal Reproduction and Improvement Maiden Conference Ibadan, 27 March, 2024.
4. 58th Nigerian Veterinary Medical Association Annual Conference on Repositioning the Veterinary Profession for National and Global Impact, Oyo, 24-28 October, 2022.
5. ONE – Health, Environment, Society – Conference 2022 held on 21-24 June 2022 in Brussels and online.
6. Breast Cancer Hub online workshop on etiology of cancer and metastasis, prevention, role of lifestyle and inflammation, early detection, genetics, risk factor, palliative cares. Challenges with breast cancer through reality incidents held on 15 March, 2022

7. A Tailor-made training programme organized by AERES Training Centre International on Innovation and Sustainable Technology Transfer on Pig Artificial Insemination and Capacity Building, Ibadan, Nigeria, 5 – 16 October, 2020.
8. 55th Nigerian Veterinary Medical Association Congress, Sokoto, 22-27 October, 2018.
   Papers Read:
   i. Odekhe, E. C., **Agbugba, L. C.,** Oyewunmi, A. O. and Leigh, O. O. (2018). Aqueous leaf extract of *Adansonia digitata* shortened parturition time in albino rats.
   ii. **Agbugba, L. C.** and Leigh, O. O. (2018). Vaginal- mucus resistivity, temperature and cytology around insemination time in synchronized White Fulani cows.
   iii.