

2024 PROMOTION EXERCISE
CURRICULUM VITAE

- I. Name:** Oluwakayode Michael Coker
Date of Birth: 21 April, 1979
Department: Wildlife and Ecotourism Mgt.
Faculty: Renewable Natural Resources
- II. First Academic Appointment:** Assistant Lecturer (2 April, 2012)
Present post (with date): Senior Lecturer (1 October, 2021)
Date of last Promotion: 1 October, 2021
Date last considered (in cases where promotion was not through): Not Applicable
- III. University Education (with dates):**
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|-------------------------------------|-------------|
| Obafemi Awolowo University, Ile Ife | 1999 - 2005 |
| University of Ibadan, Ibadan | 2007- 2010 |
| University of Ibadan, Ibadan | 2011- 2016 |
- IV. Academic Qualification (with dates and granting bodies):**
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| B.Sc. Zoology, Obafemi Awolowo University, (OAU), Ile- Ife | 2005 |
| M.Sc. Wildlife Management, University of Ibadan, Ibadan | 2010 |
| Ph. D. Wildlife Management, University of Ibadan, Ibadan | 2016 |
- V. Professional Qualifications and Diplomas (with date):**
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| National Diploma (ND) in Science Laboratory Technology | 1998 |
| Certificate in Tropical Ecology and Conservation | 2008 |
| Certificate in Genomic Analyses in Plants, Animals & Microbes | 2014 |
| Certificate in Data Analysis and Research Management | 2014 |
| Certificate in Research and Grant Writing | 2014 |
| Certificate in Field to Database-Biodiversity Informatics & Data Mgt. | 2015 |
| Certificate in Introduction to Bioinformatics (IBT) | 2016 |
| Certificate of Participation in Conservation Genomics Course | 2023 |

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

One Month Short Course Grant by the Tropical Biology Association (TBA), Cambridge and Kenya, Amani Nature Reserve, Tanzania.	2008
Ekiti State Scholarship for MSc. Students of Ekiti State origin.	2009
Fulbright JSD Programme Scholarship, University of Florida, USA	2014/2015

VII. Honours Distinctions and Membership of Learned Societies:

American Society of Mammalogists' Travel Award	2015
International Foundation for Science (IFS) Grant	2021
Helmholtz Information & Data Science Academy (HIDA)- Visiting Researcher Grant	2023
Award of Service by the Nigeria Tropical Biology Association (NTBA)	2023
California Academy of Science Lakeside Fellowship	2024
Member, Nigeria Conservation Foundation (NCF)	
Member, Society for Conservation Biology (SCB)	
Member, Forestry Association of Nigeria (FAN)	
Member, American Society of Mammalogists (ASM)	
Member, Wildlife Society of Nigeria (WISON)	

VIII. Details of Teaching/Work Experience:

i.	i)	Assistant Lecturer, University of Ibadan	2012-2015
	ii)	Lecturer II, University of Ibadan	2015-2018
	iii)	Lecturer I, University of Ibadan	2018-2021
	iv)	Senior Lecturer, University of Ibadan	2021-Date

ii. Courses taught at University level

<u>Courses Code</u>	<u>Title</u>	<u>Unit</u>
Undergraduate courses		
WEM 321	Wildlife Genetics and Animal Breeding	2(S)
WEM 311	Wildlife Ecology and Management	2(J)
WEM 313	Principle of Conservation in Tropical Africa	2(J)

WEM 318	Introduction to Herpetology	2(J)
WEM 411	Biodiversity, Conservation and Management	2(J)
WEM 420	Wildlife Ecological Survey	2(J)
WEM 423	National Park and Game Reserve Management	2(J)
WEM 427	Zoo Management and Museum Techniques	3(J)
WEM 518	Undergraduate Seminar	2(J)
WEM 519	Undergraduate Special Project	4(S)
WEM 523	The Concept of Park and Zoo Management	2(J)

Postgraduate courses

BDM 723	Conservation of Biodiversity in Tropical Region	2(J)
BDM 725	Conservation Genetics	2(J)
WEM 723	Wildlife Biotechnology and Genetics	2(J)
WEM 717	Animal Ethology	2(J)
WEM 712	Zoo and Museum Management	2(J)
WEM 725	Herpetology	2(J)

Note: (J)-Taught jointly
(S)-Taught singly

iii. Project Supervision

	Completed	In Progress
B.Sc.:	18	4
M.Sc.:	12	1
Ph.D	-	2

Administrative Responsibilities:

1)	Assistant Hall Warden, Sultan Bello Hall, University of Ibadan	2022 - To date
2)	University of Ibadan Servicom Guild	2020 - To date
3)	Staff Adviser to the Wildlife and Ecotourism Student Society (WESS)	2017- To date
4)	Departmental Undergraduate/Examination coordinator	2016- To date
5)	Student Course Adviser	2015- To date
6)	Departmental Undergraduate seminar coordinator	2013- 2016
7)	Assistant Departmental Undergraduate coordinator	2012-2016
8)	Assistant Departmental Time table coordinator	2012-2014
9)	Assistant Departmental Undergraduate seminar coordinator	2012-2014

Community Service:

1)	Financial Secretary, University of Ibadan Teachers' Cooperative Investment and Credit Society Limited (UITCICS)	2024 to date
2)	Zonal Coordinator of the Fulbright Alumni Association of Nigeria (FAAN), Southwestern Zone.	2023 to date
3)	Faculty Representative, University of Ibadan Teachers' Cooperative Investment and Credit Society Limited (UITCICS)	2022 to 2023
4)	PRO of the Local Organising Committee (LOC) of the Wildlife Society of Nigeria (WISON) conference, held in University of Ibadan	2019
5)	Vice President (2) of the Fulbright Alumni Association of Nigeria (FAAN), University of Ibadan branch.	2018 to date
6)	Member of the International Relation Committee (IRC) of the American Society of Mammalogist (ASM)	2015 to date
7)	Member/financial secretary of the National Organizing Committee (NOC) of the NTBA conference, held in University of Lagos	2013
8)	Member of the local organizing committee (LOC) of the NTBA Annual seminar, held in University of Ibadan	2012

IX. Research

(a) Completed:

- i) Genetic Variations in Thomas's Rope Squirrel (*Funisciurus anerythrus*) and Gambian Sun Squirrel (*Heliosciurus gambianus*) Ibadan, Nigeria, Using Allozyme Markers
- ii) Internal and external morphometry of Thomas's rope squirrel (*Funisciurus anerythrus*) and Gambian sun squirrel (*Heliosciurus gambianus*) in Ibadan, Nigeria.
- iii) Growth performance, blood profiles and egg production of *Coturnix japonica* (Temminck and Schlegel, 1849) fed diets supplemented with *Tithonia diversifolia* A. Gray leaves
- iv) Assessing awareness on biodiversity conservation among Nigerians: the Aichi Biodiversity Target 1
- v) Knowledge and Perception of the Nigeria Wildlife Conservation Laws Among Hunters in Lagelu and Egbeda Local Government Areas, Ibadan, Oyo State, Nigeria

(b) In progress:

1. Genetic Characterisation of Two Edible Frog Species [Crowned Bullfrog] and African Clawed Frog] in Ibadan, Southwestern Nigeria

Genetic diversity is the basis of evolutionary potential of species to respond to environmental changes. This is an essential pillar in conservation genetics and species adaptability for survival. Genetic characterization of populations allows the evaluation of genetic diversity, which helps populations to survive in our ever-changing ecosystem. Presently, there is dearth of information on genotypic variant in Edible species of frogs (*Hoplobatrachus occipitalis* and *Xenopus muelleri*) in Nigeria. This study therefore investigates genetic variability, genetic distance and genetic differentiation among the two species. This study started in December 2022. Both field and laboratory analysis have been completed; Data analysis is presently on and is expected to finish by November 2024.

2. Genetic structure and geneflow of *Hoplobatrachus occipitalis* and phylogenetic relationships of *Ptychadena* genus across ecological zones in Southwestern Nigeria

In Southwestern Nigeria, information on the dispersal of frogs across ecological boundaries are scarce. Amphibians, being ecological indicator can give insight into the manner in which ecological boundaries influence gene flow and therefore help in the efforts of their conservation. Information on the genetic diversity of the edible frog species (*Hoplobatrachus sp* and *Ptychadena spp*) in Nigeria are also scarce in literature. This study started in October 2003. Some initial DNA data has been generated. The data has been shipped to the Tangled Bank Conservation Laboratory, North Carolina, United States of America (in May 2004) for further ddRAD fragments data generation. I am expected to be at the California Academy of Science in September 2004 for data analysis. The study is expected to finish by February 2005.

(c) Project, Dissertation and Thesis:

- i) **Coker, O. M.** (2005) Preliminary Studies on Chromosomes and Morphometrics of Three Species of Squirrels (Family Sciuridae) in South Western Nigeria. B.Sc. Project, Department of Zoology, Obafemi Awolowo University, Ile Ife. 61 pp
- ii) **Coker, O. M.** (2010) Abundance and Distribution of Roan Antelope (*Hippotragus equinus*) in the Old Oyo National Park, Nigeria. M.Sc. Project, Department of Wildlife and Fisheries Management, University of Ibadan. 63 pp
- iii) **Coker, O. M.** (2016) Molecular Characterisation of Wild and Captive- Reared Cane Rats (*Thryonomys swinderianus* Temminck, 1827) in Southwestern Nigeria, Ph.D. Thesis, Department of Wildlife and Ecotourism Management, University of Ibadan. 190 pp

X. Publications

(a) Books already published:

Nil

(b) Chapters in Books already published:

Nil

(c) Articles that have already appeared in Refereed Conference Proceedings:

- 1) **Coker, O.M.** and Adetoro, A.O. (2013). Abundance and Distribution of Roan Antelope (*Hippotragus equinus*) in the Old Oyo National Park, Nigeria. In Olajuyigbe, S.O., Coker, O.M., Olaleru, F. (Eds.). *Sustaining the remaining tropical biodiversity. Proceedings of the 4th annual conference of Nigeria Tropical Biology Association (NTBA)*, held in University of Lagos, Nigeria on 3rd-4th September, 2013. Pp 83-87. (Nigeria) (Contribution: 70%)
- 2) **Coker, O.M.** (2016). Introduced Species and Their Effects on Biodiversity Conservation in Africa. In: Borokini, I.T. and Babalola, F.D. (Eds) *MDGs to SDGs: Toward Sustainable Biodiversity Conservation in Nigeria. Conference Proceedings of the Joint Biodiversity Conservation Conference of Nigeria Tropical Biology Association (NTBA) and Nigeria Chapter of Society for Conservation Biology (NSCB)* held in University of Ilorin, Nigeria from 20 – 24 June, 2016. Pg 380-386. (Nigeria) (Contribution: 100%)
- 3) **Coker, O.M.** and Akinduro, O. S. (2018). Impacts of Hunting Pressure on Wildlife Conservation in Nigeria. In Akinwole, A. O., Adekunle, V. A. J. and Ogunsanwo, O. Y. (Eds.). *Emerging Issues in Sustainable Forest Management: Experiences and Lessons for Nigeria. Conference Proceedings of the 40th Annual Conference of the Forestry Association of Nigeria*, held in Cooperative Hall, Ministry of Agriculture Complex, Old Abeokuta Road, Agege, Lagos State, Nigeria from 12 – 16 March, 2018. Pg 104-118. (Nigeria) (Contribution: 70%)
- 4) **Coker, O. M.** and Oko, P. A. (2018). Biotechnology: Lifeline for Endangered Biodiversity. In Ogunjimi, A. A., Oyeleke, O. O., Adeyemo, A. I., Ejidike, B. N., Orimaye, J. O., Ojo, V. A., Adetola, B. O. and Arowosafe, F. C. (Eds.) *Achieving Sustainable Development Goals: The Role of Wildlife. Conference Proceedings of the 2nd Annual Conference of the Wildlife Society of Nigeria (WISON)*, held in Federal University of Technology, Akure (FUTA), Ondo State, Nigeria from 16-19 September, 2018. Pg 285-295. (Nigeria) (Contribution: 60%)

- 5) *Omonona, A. O., Oko, P. A., Adetuga, A. T. and **Coker, O.M.** (2018). Biotechnology Tools in Disease Surveillance and Monitoring in Free Ranging Wildlife: A review. In Ogunjimi, A. A., Oyeleke, O. O., Adeyemo, A. I., Ejidike, B. N., Orimaye, J. O., Ojo, V. A., Adetola, B. O. and Arowosafe, F. C. (Eds.) *Achieving Sustainable Development Goals: The Role of Wildlife. Conference Proceedings of the 2nd Annual Conference of the Wildlife Society of Nigeria (WISON)*, held in Federal University of Technology, Akure (FUTA), Ondo State, Nigeria from 16-19 September, 2018. Pg 403-411. (Nigeria) (Contribution: 30%)
- 6) **Coker, O. M.** and Alagi, F. E. (2019). Wildlife Rehabilitation Centres in Nigeria: Prospects And Challenges. In: Adeyanju, A. T., Orimaye, J. O., Coker, O. M., Alarape, A. A., Ayodele, I. A., Omonona, A. O., Ojo, S. O., Ajani, F., Ogunjinmi, A. A (Eds.) *Wildlife Management Contribution to the Diversifying Economy. Conference Proceedings of the 3rd Annual Conference of the Wildlife Society of Nigeria (WISON)*, held in University of Ibadan, Ibadan, Oyo State, Nigeria from 16-19 September, 2019. Pg 138-143. (Nigeria) (Contribution: 60%)
- 7) ***Coker, O. M.**, Ajayi, O. O. and Dada, O. M. (2019). Perception of Nigeria Wildlife Conservation Laws Among Officials of Okomu and Old Oyo National Parks, Nigeria. In: Adeyanju, A. T., Orimaye, J. O., Coker, O. M., Alarape, A. A., Ayodele, I. A., Omonona, A. O., Ojo, S. O., Ajani, F., Ogunjinmi, A. A (Eds.) *Wildlife Management Contribution to the Diversifying Economy. Conference Proceedings of the 3rd Annual Conference of the Wildlife Society of Nigeria (WISON)*, held in University of Ibadan, Ibadan, Oyo State, Nigeria from 16-19 September, 2019. Pg 62-67. (Nigeria) (Contribution: 70%)

(d) Patents and Copyrights:

Nil

(e) Articles that have already appeared in learned journals:

- 8) **Coker, O.M**, Dolotovskaya, S., Buis, J.J. (2015). Wariness, an Adaptive Trait for Survival in Krefft's Puddle Frog (*Phrynobatrachus krefftii*) *Journal of Tropical Forest Resources*.31: 88-95 (Nigeria) (Contribution: 70%)

- 9) **Coker, O. M.**, Omonona, A.O., Fagbohun, A. O., Pylant, C. and Austin, J. (2017). Genetic structure of wild and domesticated grasscutters (*Thryonomys swinderianus*) from Southwestern Nigeria. *African Zoology*, 52(3): 155-162 (South Africa) (Contribution: 50%)
- 10) **Coker, O.M.** (2017). Importance of genetics in conservation of biodiversity. *Nig. J. Wildlife Management* 1(1): 11 – 18 (Nigeria) (Contribution: 100%)
- 11) **Coker, O.M.**, Olukole, S. G. and Udje, O. A. (2018) Internal and external morphometry of the four-toed hedgehog (*Atelerix Albiventris* WAGNER, 1841) in Ibadan, Nigeria. *Animal Research International* 15(2): 3003 – 3012 (Nigeria) (Contribution: 50%)
- 12) Olukole, S. G., **Coker, O. M.**, Oke, B. O. (2020). Immunohistochemical studies of α SMA in the epididymis of African Four-toed Hedgehog (*Atelerix albiventris*). *Folia veterinaria*, 64(1): 11-18. DOI: 10.2478/fv-2020-0002 (Slovakia) (Contribution: 40%)
- 13) **Coker, O.M.** (2019) Genetics of wildlife diseases and its impact on biodiversity conservation. *Genetics and Biodiversity Journal* 3(1): 70-76 (Algeria) (Contribution: 100%)
- 14) **Coker, O.M.**, Jubril, A. J., Isong, O. M. and Omonona, A. O. (2020) Internal and external morphometry of Thomas's rope squirrel (*Funisciurus anerythrus*) and Gambian sun squirrel (*Heliosciurus gambianus*) in Ibadan, Nigeria. *Animal Research International* 17(2): 3747 – 3760 (Nigeria) (Contribution: 50%)
- 15) Olajuyigbe, S. O., Oyedare, O. O., Obebe, O. O. and **Coker, O. M.** (2020). Growth performance, blood profiles and egg production of *Coturnix japonica* (Temminck and Schlegel, 1849) fed diets supplemented with *Tithonia diversifolia* A. Gray leaves. *Animal Research International* 17(2): 3766 – 3780 (Nigeria) (Contribution: 30%)
- 16) Olukole, S. G., **Coker, O. M.** and Oke, B. O. (2020). Immunoreactivities to α -SMA and S-100 Proteins in the Testis of the African Four-toed Hedgehog (*Atelerix albiventris*). *World Vet Journal*, 10(2) 216-222. (Turkey) (Contribution: 40%)
- 17) **Coker, O. M.**, Ajayi, O. O. and Dada, O. M. (2020). Knowledge of Nigeria Wildlife Conservation Laws among Officials of Okomu and Old Oyo National Parks, Nigeria. *Nig. J. Wildlife Management* 4(1): 37 – 43. (Nigeria) (Contribution: 60%)
- 18) *Omonona, A. O., Jubril, A. J., Salami, K. K., **Coker, O. M.**, Olumide, A. O., Omobowale, M. O., Azeez, A., Adetuga, A. T., Ayegboyin, M. and Oyetunde, O. I. (2020). Wildlife Market and Predisposition to Zoonotic Diseases in Ibadan, Southwestern Nigeria. *The Nigerian Journal of Public Health* 5: 53-68(Nigeria)(Contribution: 20%)

- 19) **Coker, O. M.**, Osaiyuwu, O. H. and Isong, O. M. (2021). Genetic Variations in Thomas’s Rope Squirrel (*Funisciurus anerythrus*) and Gambian Sun Squirrel (*Heliosciurus gambianus*) Ibadan, Nigeria, Using Allozyme Markers. *Gen. Biodiv. J*, 5(1):4-11 (Algeria)(Contribution: 60%)
- 20) Akindede, E. O., Ekwemuka, M. C., Apeverga, P., Amusa, T. O., Olajuyigbe, S., **Coker, O. M.**, Olaleru, F., Fasona, M., Usen, E. N., Ringim, A. S., Adedoja, O. A., Nsude, C. C., Ota, A. C., Oluowo, F. E., Onatunji, A. B., Adedapo, A. M., Kolawole-Daniels, A. (2021). Assessing awareness on biodiversity conservation among Nigerians: the Aichi Biodiversity Target 1. *Biodiversity and Conservation* 30:1947-1970 (Netherlands) (Contribution: 20%)
- 21) ***Coker, O. M.**, Osaiyuwu, O. H., Oko, P. A., Awosan, G. P., Fijabi, O. E. (2021). Genetic Variations in Two Edible Frog Species [Crowned Bullfrog (*Hoplobatrachus occipitalis*) and African Clawed Frog (*Xenopus muelleri*)] in Ibadan, Nigeria Using Allozyme Markers. *Animal Science and Biotechnologies* 54 (2): 64-72 (Romania) (Contribution: 50%)
- 22) ***Coker O. M.**, Ajayi O. O. and Adebayo A. P. (2021) Knowledge and Perception of the Nigeria Wildlife Conservation Laws Among Hunters in Lagelu and Egbeda Local Government Areas, Oyo State, Nigeria. *Journal of Research in Forestry, Wildlife & Environment* 13(4): 46-56 (Nigeria) (Contribution: 70%)
- 23) ***Coker O. M.** and Ogundare, A. D. (2022) Morphometrics of Two Edible Frog Species [Crowned Bullfrog (*Hoplobatrachus occipitalis*), and Medine Grassland Frog (*Ptychadena pumilio*)] in Ibadan, Nigeria. *FUW Trends in Science & Technology Journal* 7(2): 1116-1120 (Nigeria) (Contribution: 80%)
- 24) *Oyebanjo, M. O., **Coker, O. M.**, Osaiyuwu, O. H. (2023). Predicting the Body Weight of Indigenous Goat Breeds from Morphological Measurements Using the Classification and Regression Tree (Cart) Data Mining Algorithm. *Biotechnology in Animal Husbandry* 39 (1), 33-49. (Serbia) (Contribution: 40%)
- 25) ***Coker, O. M.**, Osaiyuwu, O. H. and Fatoki, A. O. (2023). Major Histocompatibility Complex (MHC) Diversity and its implications for human and wildlife health and Conservation – A review. *Genet. Biodiv. J*, 7 (2): 1-11. (Algeria) (Contribution: 70%)
- 26) *Osaiyuwu, O. H., Adeyinka, O. A., **Coker, O. M.**, Oyebanjo, M. O, Akinyemi, M. O (2023). Application of Multivariate Statistical Analysis in Characterising the Phenotypic Variability of Locally Adapted Muscovy Ducks (*Cairina moschata*) in Nigeria. *Slovak J. Anim. Sci.*, 56(4) ISSN 1337-9984, E-ISSN 1338-0095 (Slovakia) (Contribution: 30%)

- 27) *Ajayi, O.O., **Coker, O.M.** & Agbon, Z. (2024) Assessing the knowledge, perception, and attitude of wildlife management students toward biodiversity conservation in Nigeria. *Wildlife Letters*, 1(4)1–10. (Australia) (Contribution: 40%)
- 28) *Igbatigbi, L. O., Osaiyuwu, O. H., Fatai, R. B., **Coker, O. M.** and Fijabi, O. E. (2024). Diversity of the Ghrelin Gene in Nigeria’s Fulani and Yoruba Ecotype Chickens. *Journal of Experimental Agriculture International* Vol. 46 (5), Pg 419-427.(India) (Contribution: 25%)
- 29) *Osaiyuwu, O. H., Oyebanjo, M. O., **Coker, O. M.** and Akinyemi, M. O. (2024) Comparison of Mathematical Models Describing The Growth of Tropically Adapted Ross 308 Commercial Broiler Chickens. *Animal Research International* 21(2): 5403 – 5414. (Nigeria) (Contribution: 30%)
- 30) *Oyebola O. O., **Coker, O. M.**, Oche, C., Akanmu, O. A., Oluwatoyin Alamu O., Azuh, V., Idowu, C. F, (2024). Morphologic and Phylogenetic Investigations Revealed Size-divergent Clades in Chelae Morphotypes of Freshwater Prawn *Macrobrachium vollenhovenii* Herklots (Decapoda: Palaemonidae) in a Lake and River System of Southwest Nigeria. *Journal of Basic and Applied Zoology* 85: 1-13 (Egypt) (Contribution: 30%)

(f) Books, Chapters in Books and Articles already accepted for publication:

Nil

(g) Technical Reports and Monographs:

- 31) **Coker, O.M.** and Isong, O. M. (2019) Status report of amphibian conservation in Nigeria. Africa Conservation Telegraph (ACT) 14:1 (USA) (Contribution: 70%)

XI. Major Conferences/Workshops Attended with Papers Read (in the last 5 years)

- 1) 2023- 8th Biodiversity Conservation Conference, jointly organised by the Nigeria Tropical Biology (NTBA) and Nigeria Society for Conservation Biology (NSCB) held at the University of Lagos from 20th – 23rd November, 2023
- 2) 2023- International Congress for Conservation Biology (ICCB), held in Kigali, Rwanda from 23 – 27 July 2023.

Paper read: Genetic diversities and structures of two edible frog species (*Ptychadena sp* and *Xenopus sp*) in Southwestern Nigeria

- 3) 2023- Nigeria Higher Education Foundation (NHEF) Faculty Program held at Landmark Event Centre, Victoria Island, Lagos from 5 to 8 July 2023, Organised by the Nigeria Higher Education Foundation, 347 Fifth Avenue, Suite 1402 New York, NY 10016
- 4) 2023- 18th Annual Conference of Fulbright Alumni Association of Nigeria (FAAN), held at the University of Lagos (UNILAG), Akoka, Lagos State, Nigeria from 26-29 April, 2023.
- 5) 2021- International Congress for Conservation Biology (ICCB), held in *Kigali*, Rwanda from 13 – 17 December 2021.

Paper read: Genetic Diversity of Wild Birds in University of Ibadan Environs, Using COI Gene of Mitochondrial DNA

- 6) 2020- Biodiversity Genomics 2020 Conference, Organized by the Wellcome Sanger Institute, Wellcome Genome Campus, Hinxton, Cambridge, CB10 1SA. UK from 5 – 9 October, 2020

Paper read: Genetic Variations in Thomas’s Rope Squirrel (*Funisciurus anerythrus*) and Gambian Sun Squirrel (*Heliosciurus gambianus*) Ibadan, Nigeria, Using Allozyme Markers

- 7) 2019- 3rd Annual Conference of the Wildlife Society of Nigeria (WISON), held in University of Ibadan, Ibadan, Oyo State, Nigeria from 16-19 September, 2019.

Papers read: a) Perception of Nigeria Wildlife Conservation Laws Among Officials of Okomu and Old Oyo National Parks, Nigeria.

b) Wildlife Rehabilitation Centres in Nigeria: Prospects And Challenges.

- 8) 2019- Certificate of Accomplishment for successful completion of the training course on issues in Agriculture and Development organized by International Food Policy Research Institute (IFPRI), Washington, USA, held in University of Ibadan between 10-11 June, 2019.

XII. Ten Best Publications that Reflect the Totality of my Contributions to Scholarship

- 1) **Coker, O. M.**, Omonona, A.O., Fagbohun, A. O., Pylant, C. and Austin, J. (2017). Genetic structure of wild and domesticated grasscutters (*Thryonomys swinderianus*) from Southwestern Nigeria. *African Zoology*, 52(3): 155-162
- 2) **Coker, O.M.** (2017). Importance of genetics in conservation of biodiversity. *Nig. J. Wildlife Management* 1(1): 11 – 18
- 3) **Coker, O.M.** (2019) Genetics of wildlife diseases and its impact on biodiversity conservation. *Genetics and Biodiversity Journal* 3(1): 70-76
- 4) **Coker, O.M.**, Jubril, A. J., Isong, O. M. and Omonona, A. O. (2020) Internal and external morphometry of Thomas's rope squirrel (*Funisciurus anerythrus*) and Gambian sun squirrel (*Heliosciurus gambianus*) in Ibadan, Nigeria. *Animal Research International* 17(2): 3747 – 3760
- 5) **Coker, O. M.**, Osaiyuwu, O. H. and Isong, O. M. (2021). Genetic Variations in Thomas's Rope Squirrel (*Funisciurus anerythrus*) and Gambian Sun Squirrel (*Heliosciurus gambianus*) Ibadan, Nigeria, Using Allozyme Markers. *Gen. Biodiv. J*, 5(1):4-11
- 6) **Coker, O. M.**, Osaiyuwu, O. H., Oko, P. A., Awosan, G. P., Fijabi, O. E. (2021). Genetic Variations in Two Edible Frog Species [Crowned Bullfrog (*Hoplobatrachus occipitalis*) and African Clawed Frog (*Xenopus muelleri*)] in Ibadan, Nigeria Using Allozyme Markers. *Animal Science and Biotechnologies* 54 (2): 64-72
- 7) **Coker O. M.** and Ogundare, A. D. (2022) Morphometrics of Two Edible Frog Species [Crowned Bullfrog (*Hoplobatrachus occipitalis*), and Medine Grassland Frog (*Ptychadena pumilio*)] in Ibadan, Nigeria. *FUW Trends in Science & Technology Journal* 7(2): 1116-1120
- 8) **Coker, O. M.**, Osaiyuwu, O. H. and Fatoki, A. O. (2023). Major Histocompatibility Complex (MHC) Diversity and its implications for human and wildlife health and Conservation – A review. *Genet. Biodiv. J*, 7 (2): 1-11.
- 9) Igbatigbi, L. O., Osaiyuwu, O. H., Fatai, R. B., **Coker, O. M.** and Fijabi, O. E. (2024). Diversity of the Ghrelin Gene in Nigeria's Fulani and Yoruba Ecotype Chickens. Vol. 46 (5), Pg 419-427.
- 10) Oyebola: O. O., **Coker, O. M.**, Oche, C., Akanmu, O. A., Oluwatoyin Alamu: O., Azuh, V., Idowu, C. F, (2024). Morphologic and Phylogenetic Investigations Revealed Size-divergent Clades in Chelae Morphotypes of Freshwater Prawn *Macrobrachium vollenhovenii* Herklots (Decapoda:

Palaemonidae) in a Lake and River System of Southwest Nigeria. *Journal of Basic and Applied Zoology* 85: 1-13



Dr. Oluwakayode Michael Coker

Date