

Curriculum Vitae

UNIVERSITY OF NIGERIA, NSUKKA

FACULTY OF BIOLOGICAL SCIENCES

Personal Information



NAME: Dr. Ejere Vincent Chikwendu

DATE OF BIRTH: 26th October, 1961

PLACE OF BIRTH: Aba, ABIA STATE

SEX: Male

MARITAL STATUS: Married

NATIONALITY: Nigerian

LOCAL GOVT. AREA: Ezinihitte Mbaise

STATE OF ORIGIN: Imo State

HOME ADDRESS: 20 Umunkanka Street, Univ. of Nigeria, Nsukka,
Enugu State, Nigeria

POSTAL ADDRESS: Dept. of Zoology & Environmental Biology, Faculty of
Biological Sciences, University of Nigeria, Nsukka.

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INSTITUTIONS ATTENDED (With dates of graduation)

- | | |
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| (i) St. Patrick's Secondary School, Owerri. | 1980 |
| (ii) University of Ife, Ile-Ife, Nigeria | 1985 |
| (iii) Obafemi Awolowo University, Ile-Ife, Nigeria | 1990 |
| (iv) Obafemi Awolowo University, Ile-Ife, Nigeria | 1998 |

ACADEMIC AND PROFESSIONAL QUALIFICATIONS (With dates & Titles of theses):

- (a) West African School Certificate (WAEC) – 1980 (First Division)
- (b) Bachelor of Science (B.Sc) Zoology -- 1985 (2nd Hon.)

“Chromosome studies on the Dipteran – Megaselia scalaris.”

(c) Master of Science (M. Sc) Genetics, Zoology – 1990

“Studies on Karyotypes of species of Mabuya and Mochlus on the Obafemi Awolowo University, Ile-Ife Campus.”

(d) Doctor of Philosophy (PhD) Genetics, Zoology – 1998

“Testicular Cytology and Sexual cycle of Two Saurian species Agama agama agama (L) and Hemidactylus brookii angulatus (Hallowell, 1852)

Brief biography

Dr. Ejere, V. C. is a senior Lecturer in the Department of Zoology & Environmental Biology. His research interests include aspects of invertebrate and vertebrate cytotaxonomy, Reproductive and Biochemical physiology of animal species in the tropics. He teaches and supervises undergraduate and postgraduate students in such areas as General Genetics, Human genetics, Animal physiology, Animal Histology and Embryology. He has successfully supervised to completion 10 M.Sc students in Animal Physiology and currently supervising 4 PhD and 5 M.Sc students. He has worked severally on the Cytogenetics and reproductive physiology of lizard species in Nigeria. Currently, is working on the effects of plant extracts on the cell physiology of laboratory animals as well as the eco-physiology of snail species within Nsukka ecotypes. Nevertheless, Dr. Ejere has collaborated and published in such areas as Ecology, Entomology and Parasitology. He has published his research findings in both local and international journals and has been awarded two research grants from the University of Nigeria’s Senate Research Grants Committee.

Areas of Interest/Summary of Expertise

Main research interests include the elucidation of the cytotaxonomy of invertebrate and vertebrate species within Nigeria. Current research interest however is to unravel the effects of extracts of indigenous food and medicinal plants on various aspects of cell physiology of laboratory animals. Similarly, he is interested on the eco-physiology of the abundant Snail species within Nsukka ecotypes. Dr. Ejere is equally very versatile in research techniques of DNA extraction.

Courses taught/coordinated:

- Genetics for Medical Students
- General Genetics
- Cytogenetics
- Basic Physiology
- Physiology Practical
- Animal Histology
- Ethology
- Animal Physiology
- Developmental Biology/Embryology

MEMBERSHIP OF ACADEMIC / PROFESSIONAL SOCIETIES

- (i) Nigerian Field Society (NFS)
- (ii) Genetics Society of Nigeria (GSN)
- (iii) Pan African Ornithological Congress (PAOC)
- (iv) African Bird Club (ABC)
- (v) Nigerian Conservation Foundation (NCF)
- (vi) Zoological Society of Nigeria (ZSN)

ACADEMIC BIODATA (including Appointments and or Positions held)

- **Member, Departmental DTLC [Direct Teaching & Laboratory Costs] Committee , 2004 – Date.**
- **Faculty Representative, University of Nigeria, Senate , 2004 – 2006.**
- **Member, Technical Committee of the UNESCO – Hewlett Packard Project on: Strengthening Local Biotechnology Capacity In Tissue Culture through ICT-Based Research and Training Collaboration with Nigerian Scientists in the Diaspora. A University of Nigeria, Nsukka Award winning Proposal, 2007 – to date.**
- **Member, University of Nigeria Grants writing Committee, 2007 – to date.**
- **Member, Committee on Nigeria Universities Research and Development Fair (NURESDEF) U. N. N. Nsukka Campus**
- **Coordinator, Natural Science Unit, School of General Studies, UNN, 2011 – 2014.**
- **Associate Dean, Faculty of Biological Sciences, UNN, 2016 – Date.**

SERVICE TO EXTERNAL BODIES

- (i) **President, Student Christian Movement of Nigeria (SCM), Enugu Sector, 2007 – 2011.**
- (ii) **Temporary advisor, African Programme for Onchocerciasis Control (APOC) with Headquarters in Ouagadougou, Burkina Faso – WHO AFRICAN REGION, for the following:**
 - a. Evaluation of the sustainability of the Community Directed Treatment with Ivermectin (CDTI) project in Ekiti state, Nigeria (**September 1 – 14, 2003**).
 - b. Evaluation of the sustainability of the Community Directed Treatment with Ivermectin (CDTI) project in Zamfara state, Nigeria (**Nov. 25 – Dec. 07, 2004**).

(iii) **Part – time lecturer**, Department of Biological Sciences, Kogi State University, Anyigba, Nigeria, **2002 – 2006.**

(iv) **Sabbatical Leave**, Department of Biological sciences, Bowen University, Iwo, Osun State, **Oct. 2nd 2007 – 30th Sept. 2008.**

(v) **Sabbatical Leave**, Department of Biological sciences, Kogi State University, Anyigba, Nigeria, **Oct. 2nd 2014 – 30th Sept. 2015.**

ATTENDANCE TO CONFERENCES/WORKSHOPS:

- **9TH Pan-African Ornithological Congress in Accra, Ghana (1st – 8th December, 1996)**
- **10TH Pan-African Ornithological Congress in Kampala, Uganda (4th – 8th September, 2000)**
- **Zoological Society of Nigeria: International Conference in honour of Professor FMA. Nkoli; University of Ibadan, Nigeria (14th – 17th January, 2002)**
- **2010 Summer Training Course on Plant Biotechnology, NACGRAB, Moor Plantation, Ibadan, Nigeria (18 – 24 July, 2010).**
- **37TH Annual Conference of Genetics Society of Nigeria, Federal University, Lafia (21st – 24th October, 2013)**
- **11TH Annual Conference & General meeting of Zoological Society of Nigeria; University of Nigeria, Nsukka (9th – 11th November, 2016)**

PRESENT EMPLOYMENT, STATUS AND EMPLOYER:

Lecturing, Senior Lecturer (UASS 05 Step 13), Department of Zoology & Environmental Biology, University of Nigeria, Nsukka, Nigeria.

BOOK CHAPTERS

1. **Ejere, V. C; Abu, N. E and Dibua, M. U (2008).** Basic Practical Genetics for Pre-Medical Students. **Publisher: Faculty Publications and Colloquium Committee, Pages. 1 – 25.**
2. **Agwu, E. J. And Ejere, V. C. (2013).** Climate change: Causes and Effects. In: *Introduction to Natural Science I.* Revised Edition. Ejere, V. C., Agwu, E. J. And Ezema, F. I. (Eds.). **Professor's Press, Nigeria, Pages. 250 – 278.**

JOURNAL ARTICLES WITH DETAILS OF TITLES & DATES:

3. **Adegoke, J. A. and Ejere, V. C. 1991.** Description of the chromosomes of three lizard species belonging to the genus, *Mabuya* (Scincidae, Reptilia). *Caryologia* **44: 333 – 342.**
[Thomson Reuters Impact Factor: 0.632]

4. **Ejere, V. C.** and Adegoke, J. A. **2001.** Karyological study of the Banded Gecko, *Hemidactylus fasciatus fasciatus* Gray (*Gekkonidae*, Reptilia). *Cytologia* **66**: 133 – 137.
[Thomson Reuters Impact Factor: 0.306]
5. **Ejere, V. C.** and Adegoke, J. A. **2002.** Aspects of the reproductive ecology of tropical lizards. Seasonal behavior of meiotic chromosomes in *Agama agama agama* L (*Agamidae*, Reptilia). *The Zoologist* Vol. **1(1)** : 86 – 94.
6. **Ejere, V. C.** and Onyia, U. J. **2003.** Sanctuary for wintering birds: A study on the ecology of the yellow-billed Egret, *Egretta intermedia* at Nsukka, Southeast, Nigeria. *The Zoologist* Vol. **2 (1)**: 22 – 28.
7. **Ejere, V. C.** and Adegoke, J. A. **2003.** Aspects of the reproductive ecology of tropical lizards. Seasonal behavior of meiotic chromosomes in *Hemidactylus brookii angulatus* Hallowell (*Gekkonidae*, Reptilia). *The Zoologist* Vol. **2(1)**: 78 – 84.
8. **Ejere, V. C.** and Adegoke, J. A. **2005.** Seasonal Testicular Histology and Reproductive Cycle of the Rainbow Lizard, *Agama agama agama*, L (*Agamidae*, Reptilia) in Ile – Ife, Southwestern Nigeria. *Animal Research International* Vol.2 (3): 393 – 398.
9. **Ejere, V. C.** and Okpara, H. T. **2010.** Aspects of the Ecology of Spittlebugs (Homoptera: Cercopidae) in Nsukka, South East Nigeria. *Animal Research International* Vol.7 (3):1242 – 1252.
10. Unakalamba, B. C., Ozougwu, J. C. and **Ejere, V. C.** **2013.** Studies of the biochemical Effects of *Picralima nitida* seed Saponin extracts on Rats. *International Journal of Biology & Biological Sciences*, 2(2): 28 – 32.
11. Dibua, U. M; **Ejere, V. C**; Lijoka, I; and Oti, O. A. **2013.** Intestinal Parasitic infestations among people living with HIV/AIDS in Nsukka, Southeast Nigeria. *International Journal of Current Microbiology and Applied Sciences*, 2(12): 539 – 550.
12. **Ejere, V. C.** and Okanya, C. L. **2013.** Organ Transplantation and its physiological implications – A review. *Animal Research International*, 10(3): 1752 – 1778.
13. Emmanuel I Nnamonu, **Vincent C Ejere**, Anthony O Ejim, Paul C Echi, Jude V Egbuji, Tochukwu R Eze, Joseph E Eyo. **2013.** Effects of *Hibiscus Sabdariffa* Calyces Aqueous Extract on Serum Cholesterol, Body Weight and Liver Biomarkers of *Rattus Novergicus*. *International Journal of Indigenous Medicinal Plants*, 46 (4): 1405 – 1411.
14. Njoku Ivoke; Priscilla C. Ogbonna; Felicia N. Ekeh; Ngozi E. Ezenwaji; Chinedu I. Atama; **Vincent C. Ejere**; Uwakwe S. Onoja and Joseph E. Eyo. **2013.** Effects of grape fruit (*Citrus paradise* Macf) (*Rutaceae*) peel oil against developmental stages of *Aedes aegypti* (Diptera: *Culicidae*). *Southeast Asian Journal of Tropical Medicine and Public Health*. Vol. **44 (6)**: 970 – 978. [SJIR 0.42]
15. **Ejere, Vincent Chikwendu**, Nnamonu, Emmanuel Ikechukwu, Chukwuka, Christian Onyeka, Ugwu, Godwin Chigozie, Ejim, Anthony O. and Asogwa, Chinweike Norman. **2013.** Effects of aqueous extract of *Hibiscus sabdariffa* calyces on haematological characteristics of *Rattus novergicus*. *Animal Research International*, 10(3): 1809 – 1816.

16. Echi, P. C., Suresh, K. U., George S., Ratheesh, R. V., Vinitha, M. R., **Ejere, V. C.**, Iyaji, F. O. and Nnamonu, E. I. **2013**. Contribution towards the development of a DNA barcode reference library for West African mammals. *African Journal of Biotechnology* **12(48): 6704 – 6708**. [SCImago **0.26**, SNIP **0.90**]
17. Christian O. Chukwuka, **Vincent C. Ejere**, Chinweike N. Asogwa, Emmanuel I. Nnamonu, Ogochukwu C. Okeke, Elijah I. Odii, Godwin C. Ugwu, Loretta C. Okanya and Chidinma A. Levi. **2014**. Eco-physiological adaptation of the land snail *Achatina achatina* (Gastropoda: Pulmonata) bin tropical agro-system. *The Journal of Basic & Applied Zoology* **67: 48 – 57**.
18. **Vincent Chikwendu Ejere**, Oscar Ifeanyi Aguzie, Njoku Ivoke, Felicia Nkechi Ekeh, Ngozi Evelyn Ezenwaji, Uwakwe Simon Onoja and Joseph Effiong Eyo. **2014**. Parasitofauna of Five Freshwater Fishes in a Nigerian Freshwater Ecosystem. *Croatian Journal of Fisheries* **72: 17 – 24**. [SCImago SJR **0.208**]
19. Chidinma Adanna Levi, **Vincent C. Ejere**, Chinweike Norman Asogwa, Pamela Iweh, Kate Uchechi Nwatu and Uzochi E. Levi. **2014**. Apoptosis: Its Physiological Implication and Therapeutic Possibilities. *IOSR Journal of Pharmacy and Biological Sciences (IOSR – JPBS)* **9 (1): 34 – 41**.
20. Odo G.E., Avoaja D.A., Dibua U.E.M., **Ejere V.C.**, Agwu E.J., Ngwu G., Agaoru C.G., Nnamonu E.I. and Haruna A.S. **2014**. Spatial and Temporal Distribution of Invertebrates in Anambra River Basin, Nigeria. *International Journal of Zoology Research* **4(1): 069 – 081**.
21. **Vincent C. Ejere**, Adetoun O. Adeniji, Chidinma A. Levi, Christian O. Chukwuka and Chinweike N. Asogwa. **2014**. Evaluation of poultry feather meal as a dietary protein source for *clarias gariepinus* and *Heterobranchus bidorsalis* hybrid. *International Journal of Science and Technology*, **3 (4): 203 – 208**.
22. Ugwu Godwin Chigozie, **Ejere Vincent Chikwendu**, Okanya Chinagorom Laureta, Egbuji Jude Victor I. and Chukwuka Christian Onyeka. **2014**. Phytochemical Compositions and organ weight effects of *Mucuna sloanei* (Fabaceae) in albino rats (*Rattus norvegicus*). *Innovare Journal of Science*, **2 (2): 1 – 4**.
23. Christopher Didigwu Nwani, Charles Tobeckukwu Ifo, **Vincent Chikwendu Ejere**, Samuel Onedikachi Okoye, Christopher C Onyeke, Stella Uzoamaka Ogbonna, Ani Chijioke and Stanley Ndubuisi Oluah **2014**. Comparative evaluation of the acute toxicity and behavioural changes in *Clarias gariepinus* following exposure to Dichlorvos and Primextra pesticides. *Zoology and Ecology* **24 (4): 361 – 368**.
24. Echi, P. C, Iyaji, F. O, **Ejere, V. C** and Abuh, S. J. **2014**. Dynamics of synchronized Clinostomatids infections in Cichlids. *Environment Conservation Journal* **15 (1 & 2): 49 – 54**.
25. Onoja, U. S., Iroegbu, J. C., Akubor, P. I., Njoku Ivoke, Ekeh, F. N., **Ejere, V. C.**, Eyo, J. E., Attama, C. I. and Onyishi, G. C. **2014**. Evaluation of the drying rate constant, drying efficiency, nutrients and sensory qualities of dried vegetables using solar dryer and open-air sun drying methods. *Scientific Research and Essays* **9(21): 924 – 931**.
[SNIP: **0.74**; SCImago: **0.17**]

26. Onoja, U. S., Akubor, P. I., Njoku Ivoke, Atama, C. I., Onyishi, G. C., Ekeh, F. N., Eyo, J. E., and **Ejere, V. C.** 2014. Nutritional composition, functional properties and sensory evaluation of breads based on blends of “orarudi” (*Vigna* sp) and wheat flour. *Scientific Research and Essays* 9(24):1119 – 1026. [SNIP: 0.74; SCImago: 0.17]
27. Christopher Didigwu Nwani, Henry Ifeanyichukwu Ekwueme, **Vincent Chikwendu Ejere**, Christopher Chikaodili Onyeke, Christian Onyeka Chukwuka, Onas Somdare Peace and Alfreda Ogochukwu Nwadinigwe. 2015. Physiological effects of Paraquat in juvenile African catfish, *Clarias gariepinus* (Burchell 1822). *Journal of Coastal Medicine* 3(1): 35 – 43.
28. **Vincent C. Ejere**, Chinedu E. Chukwukezie, Emmanuel I. Nnamonu, Christian O. Chukwuka, Paul C. Echi, Godwin C. Ugwu, Elijah C. Odii, Anthony O. Ejim. 2015. Effect of *Vernonia amygdalina* Ethanolic Root Extract on the Hepato- and Nephro-protective properties of Albino Rats (*Rattus norvegicus*). *Advances in Life Science and Technology* 30 : 34 - 40.
29. **Ejere, Vincent C.**, Ugwu, Godwin C., Chukwuka Christian O. and Nnamonu, Emmanuel I. 2015. Effects of aqueous extracts of *Mucuna sloanei* (Fabaceae) seed on haematological parameters of albino rats (*Rattus norvegicus*). *African Journal of Biotechnology* 14 (25): 2088 – 2094. [SCImago: 0. 26, SNIP: 0.90]
30. Christopher Didigwu Nwani, Charles Tobeckukwu Ifo, Helen Ogochukwu Nwamba, **Vincent Chikwendu Ejere**, Grace Chinenye Onyishi, Stanley Ndubuisi Oluah, Ogbonnaya Egbe Ikwaugwu and Gregory Ejike Odo. 2015. Oxidative stress and biochemical responses in the tissues of African catfish, *Clarias gariepinus* juvenile following exposure to primextra herbicide. *Drug and Chemical Toxicology*. 38(3): 278 – 285. [Thomson Reuters Impact Factor 2014 = 1.293]
31. Echi, P. C, Suresh, K. U, Geogee, S, Ratheesh, R. V, Ezeonu, I. M, **Ejere, V. C**, Eyo, J. E and Nwani, C. D. 2015. Molecular resolution of some West African Birds using DNA Barcoding. *Environment Conservation Journal*. 16(1&2): 87 – 92.
32. Echi, P. C, Suresh, K. U, Sanil, G, Iyaji, F. O, Nwani, C. D and **Ejere, V. C.** 2015. Mitochondrial DNA resolution of two new sequences *Polyacanthorhynchus echiyensis* n. sp. and *Polyacanthorhynchus nigerianus* n. sp. (Polyacanthocephala: Achantocephala) in a parentenic host from a tropical River. *Environment Conservation Journal*. 16(1&2): 13 – 17.
33. Onoja Uwakwe Simon, Nweze, Innocent Emeka, Agbo Matthias Onyebuchi, Nnamani Petra Obioma, Eke Felicia Nkechi, Ivoke Njoku, Eyo Joseph Ekpenyong, Attama Chinedu Ifeanyi and **Ejere Vincent Chikwendu**. 2015. Evaluation of bacteriological quality and essential elements in commercially bottled/packaged water produced and marketed in Southeastern Nigeria. *African Journal of Microbiology Research*, 9 (28): 1728 – 1737. [SNIP: 0.91; SJR: 0.22]
34. C. S. Ezechukwu, **V. C. Ejere**, E. C. Mbegbu, G. C. Ugwu and E. I. Nnamonu 2016. Effects of Methanolic fruit extract of *Solanum macrocarpum* on biochemical profile of albino rats. *Comparative Clinical Pathology*, 26: 67 – 73. [Thomson Reuters Impact Factor 0.37]
35. Chidinma A. Okolo, **Vincent C. Ejere**, Christian O. Chukwuka, Ihechiluru I. Ezeigbo, Daniel D. Nwibo and Augustine N. Okorie 2016. Hexane Extract of *Dacryodes edulis* Fruits possesses Anti-diabetic and Hypolipidaemic potentials in Alloxan Diabetes of Rats. *African Journal of Traditional and Alternative Medicine*, 13 (4): 132 – 144.

[Thomson Reuters Impact Factor 0.707]

36. Christopher Didigwu Nwani, Peace Onas Somdare, Juliana Adimonye Ukonze, **Vincent Chikwendu Ejere**, Alfreda O. Nwadinigwe, Jacinta Chinedu Nwani, Gregory Ejike Odo and Ogechi Nnabuchi Ugbor. **2016**. Subchronic Exposure to Fenthion Induces Hematological Changes in Liver Tissue of African Catfish *Clarias gariepinus*. *Journal of Aquatic Animal Health* 28:229–234. **[Thomson Reuters Impact Factor 0.859]**
37. GE Odo, JE Agwu, N Ivoke, **VC Ejere**, AtamaC.I, CO Ezea, Aguoru GC and Anya BC. **2017**. Effect of Short Term Exposure to Cyperdicot on Behavioural and Haematological Responses in African Catfish, *Clarias gariepinus*. *Turkish Journal of Fisheries and Aquatic Sciences* 17: 61-70. **[Thomson Reuters Impact Factor 0.566]**

TECHNICAL REPORTS

38. Akogun, O. B; Apake, E; **Ejere, V. C**; Ogungbemi, K; Tong, M. **(2003)**. Evaluation of the Sustainability of the Ekiti State CDTI Project Report. **APOC – WHO. Pages 1 – 48.**
38. Obadiah, M; Tushune, K; Emukah, E; Befidi-Mengue, R; **Ejere, V. C**; Ogoshi, C **(2004)**. Zamfara State CDTI Project, Nigeria: Fifth year Sustainability Evaluation Report. **APOC – WHO. Pages 1 – 103.**

EXTRA – CURRICULAR ACTIVITIES:

Singspiration, Reading, Bird watching and Football

NAMES AND ADDRESSES OF REFEREES:

PROF. J. E. EYO

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University of Nigeria, Nsukka,
Enugu State.
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PROF. C. D. NWANI

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University of Nigeria, Nsukka,
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DR N. IVOKE

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