

CURRICULUM VITAE

A. GENERAL INFORMATION

1. Name: Cinderella Ebele CHUKWUEMEKA
2. Date and Place of Birth: 30 September, 1983; Lagos State
3. Gender: Female
4. Nationality: Nigerian
5. State of Origin: Anambra State
6. Local Government Area: Anambra East
7. Marital Status: Married
8. Names and Ages of Children:
 1. Chiyelugo Zadok Anuforo (13years)
 2. Amarachukwu Jasmine Anuforo (11years)
 3. Chiamanda Bethany Anuforo (10years)
9. Name and Relationship of Next-of-Kin: Chiyelugo Zadok Anuforo /Son/07031601020
10. Permanent Address: No 9 Remi martins Street GRA Okefia Osogbo, Osun State.
11. E-mail Address: Cinderella.chukwuemeka@uniosun.edu.ng
12. Registration with Research Gate: Yes
13. If Yes, Provide the Link: <https://www.researchgate.net/profile/Cinderella-Chukwuemeka>
14. If No, Why: Not Applicable
15. Registration with Google Scholar: Yes
16. If Yes, Provide the Link: https://scholar.google.com/citations?view_op=new_profile&hl=en&authuser=1
17. If No, Why: Not Applicable
18. Cell Phone Number: +2347031601020
19. College/ Faculty/Unit: Health Sciences/Basic Medical Science
20. Department: Medical Laboratory Science
21. Position on First Appointment with the University: Lecturer II
22. Present Position and Salary (Grade level and step): Lecturer II /CONUASS 03Step 04

23. Date of Present Position (Promotion/Regrading): JULY 4, 2022
24. Is Your Appointment Confirmed: NO
25. If No, Why Not: Awaiting PhD
26. Date of Confirmation of Appointment Not Applicable

B. EDUCATIONAL BACKGROUND

1. Educational Institutions Attended With Dates:
 - i. University of Benin, Benin City, Edo State: 2020
 - ii. School Of Medical Laboratory Science. LUTH 2010
 - iii. School Of Medical Laboratory Science. LUTH 2007
 - iv. University of Nigeria, Nsukka, Enugu State 2005
 - v. Community Secondary school, Ibagwa-Ani Nsukka Enugu. 2001
 - vi. Ekulu Primary School, Enugu State. 1995
2. Academic and Professional Qualifications with Dates/Issuing Authority and Class of Degree/Grade
 - i. Ph. D Medical Laboratory Science (Histopathology&Cytopathology) In view
 - ii. M. Sc Medical Laboratory Science (Histopathology&Cytopathology) 2020
 - iii. Fellows of Medical Laboratory Science (Haematology &BGS) 2010
 - iv. Associate of Medical Laboratory Science (Haematology &BGS) 2007
3. Other Relevant Qualifications:
 - i. Medical laboratory inspectors training by medical laboratory council of Nigeria 2017
 - ii. Data analysis using SPSS by Data Lead African 2020
 - iii. Leadership and management in health by university of Washington 2020
 - iv. global health E-learning 2022
 - v. Fundamentals of Global Health Research 2022
 - Standards in the conduct of MLSCN examinations 2022
4. Honors, Awards, and Distinctions NA
5. Research Fellowships with Dates
 - i. TETFUND Grant for Academic Staff Training and Development (four million five hundred thousand Naira for Ph.D.) 2023

C. WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM

1. Golden Cross Infirmary Hospital, 22 Road Festac Town Lagos 2010- 2014
Medical Laboratory Scientist 1

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| 2. The Specialist Laboratory Ojuelegba Lagos State Senior
Medical laboratory scientist I | 2011- 2013 |
| 3. AMC Hospital, Amuwo Odofin
Chief Medical Laboratory Scientist | 2007- 2010 |

D. WORK EXPERIENCE IN OTHER UNIVERSITIES

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| i. Lecturer II Elizade University | 2022 |
| ii. Senior Medical Laboratory Scientist: OOU | 2018 – 2022 |
| iii. Medical laboratory scientist: | 2014 – 2018 |

E. WORK EXPERIENCE IN OSUN STATE UNIVERSITY

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| i. Lecturer II | 2022- DATE |
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F. CO-CURRICULAR PROFESSIONAL EXPERIENCE

N/A

G. MEMBERSHIP OF PROFESSIONAL BODIES

- i. Association of Medical Laboratory Scientist of Nigeria (AMLSN)
- ii. Institute Of Policy Management Development (IPMD)
- iii. Society of Cellular Pathology Scientist of Nigeria (SCPSN)
- iv. Association Of Female Medical Laboratory Scientist Of Nigeria
- v. European Association for Cancer Research

H. SERVICES

i. University

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|--|-------------|
| 1. Assistant Examination Officer, Department of Medical Laboratory Science, UNIOSUN, Oshogbo. | 2025 –Date |
| 2. Staff Advisor, Nigerian Association of Medical Laboratory Science Students, Department of Medical Laboratory Science, UNIOSUN, Oshogbo. | 2023 –Date |
| 3. Examination Officer, Department of Medical Laboratory Science, UNIOSUN, Oshogbo. | 2024 – 2025 |
| 4. Board Member, Faculty of Basic Medical Sciences, Osun State University, Osogbo | 2022 – Date |

ii. **Community**

1. Volunteer as phlebotomist in Lagos University Teaching Hospital blood donor drive 2008 – 2010

iii. **National**

1. Volunteer as lost and found agent at Abuja COJA 2003
2. Enumerator National Census 2006

iv. **International**

- i. NIL

I. COURSES TAUGHT DURING THE CURRENT ACADEMIC SESSION

1. MLS 201 Introduction To Medical Laboratory Science
2. MLS 202 Introduction To Medical Laboratory Science
3. MLS 301 Introduction To Medical Laboratory Science
4. MLS 308 Basic Immunology
5. MLS 311 Professional Ethics In Medical Laboratory Science
6. MLS 312 Laboratory Management And Organization
7. MLS 411 Introduction To Medical Cytology
8. MLS 408 Histopathology I
9. PTH 501 Histopathology II
10. PTH 502 Cytogenetics
11. PTH 503 Histopathology III
12. PTH 504 General Lab Tech In Histopathology
13. PTH 505 Exfoliative Cytology II
14. PTH 514 Embalming And Museum Techniques

J. GRADUATE STUDIES SUPERVISION (if any): Indicate:

NIL

K. PUBLICATIONS

- i. Books (authored/co-authored)
- ii. Books (Edited/co-edited)
- iii. Monographs
- iv. Chapters in books

Articles in learned journals

1. Babatunde, D. J., Blessing, K. O., Peter, D. A., Opeyemi, A. S., **Chukwuemeka, C. E.**, & Obembe, O. O. (2025). *Testicular histological changes and Ki-67 expression in lead (II) oxide toxicity among neonatal Wistar rats and modulatory role of retinol*. *Archives of Razi Institute*, 80(2), 461–471.
<https://doi.org/10.32592/ARI.2025.80.2.461>
Publisher: Archives of Razi Institute,
Country: Iran.
Type: International.
2. Dare JB, Babawale OD, Alabi P, Adegoke AA, Obembe OO, **Chukwuemeka, C. E.**, Fatoki, JO. (2024). Cadmium implication in massive hepatocellular necrosis and hepatic amyloidosis and the protective role of ivermectin and *Allium cepa* in adult Wistar rats (*Rattus Novergicus*). *European Journal of Anatomy*. 28 (5): 591-600
<https://doi.org/10.52083/ZZNX4761>
Country: Spain
Publisher: Spanish Society of Anatomy.
Type of Publication: International.
3. Atere, D. A., Yekeen, K. A., Oluwatuyi, P. O., & **Chukwuemeka, C. E.** (2024, April). *Antioxidant status and acute phase reactants in pregnant women infected with Plasmodium falciparum*. **Rwanda Medical Journal**, 81(1), 15–22.
<https://dx.doi.org/10.4314/rmj.v81i1.2>
Publisher: Rwanda Biomedical Centre (RBC),
Country: Rwanda.
Type: International.
<https://doi.org/10.52083/ZZNX4761>
Publisher: European Journal of Anatomy, Spain
4. Fagbohun, A. B., Abdul, S. O., James-Edwards, I. S., Fred-Jaiyesimi, A. A., Adeleye, O. A., Ndimele, B. E., & **Chukwuemeka, C. E.**, (2023). Study on the hypoglycemic, hypolipidemic and histological effects of ethylacetate extract of *Combretum platypterum* leaves in alloxan-induced diabetic rats. *West African Journal of Pharmacy*, 34(2):

Country: Nigeria.

Publisher: West African Postgraduate College of Pharmacists (WAPCP),

Type of Publication: Local

5. Oluwafemi, E. K., Adebisin, A., & **Chukwuemeka, C. E.** (2023).

Effect of glyphosate-based herbicide on gametes fertilization and four developmental stages in *Clarias gariepinus*.

Heliyon, 9(4), e15048

<https://doi.org/10.1016/j.heliyon.2023.e15048>

Country:USA

Publisher: Elsevier.

Type of Publication: International

6. Atere, A. D., **Chukwuemeka, C. E.**, Popoola, O. A., & Olawoye, T. D. (2023).

Serum iron level and methemoglobin concentration among women with gestational diabetes.

Biomedical and Biotechnology Research Journal, 6, 550–555.

https://doi.org/10.4103/BBRJ_293_293

Publisher: Society of Biomedical and Biotechnology Scientists (SMBS),

Country: Iran.

Type: International.

7. Atere, A. D., **Chukwuemeka, C. E.**, Oluwatuyi, K. O., & Olupeka, B. T. (2023).

Acute phase serum amyloid A protein and its association with dyslipidemia in type 2 diabetics.

Biomedical and Biotechnology Research Journal. 7(2):195-200

https://doi.org/10.4103/bbrj.bbrj_27_23

Publisher: Wolters Kluwer – Medknow.

Country: India

Publication Type: International.

v.	Review articles; Nil	
vi.	Refereed Conference Proceedings	Nil
vii.	Un-refereed Conference Proceedings	Nil
viii.	Book reviews	Nil
ix.	Technical report	Nil
x.	Patents and inventions	Nil
xi.	Online journals article	Nil

L. CURRENT RESEARCH ACTIVITIES

i.	Funded Research	Nil
ii.	Non-funded/self-sponsored Research:	

M. CONFERENCES ATTENDED

- i. 46th Annual Scientific Conference and International Symposium Held at Welcome Centre and Hotel Limited Ikeja Lagos.
- ii. 1st MLSCN accredited CPD Workshop for LSBTC Facility Renewal and Med.Lab.Scientists' Update held in Neuro-Psychiatric Hospital, Yaba Lagos 2020
- iii. 1st Quarter Ordinary General/Scientific Meeting Held At The School Of Nursing Sacred Heart Hospital Lantoro Abeokuta Ogun State In February 2018 2018
- iv. African Women Summit For Peace And Development Held At Sheraton Abuja In April 2018 2018
- v. International Workshop With The Theme Optimizing Capacity Utilization In African Tertiary Institutions In The 21st Century Held At Knutsford University College, Accra- Ghana On 12-16 May, 2019 2019

N. EXTRA-CURRICULAR ACTIVITIES – Traveling and gardening

O. ANY OTHER RELEVANT INFORMATION: Nil

P. SUMMARY OF CONTRIBUTION TO KNOWLEDGE:

My research contributions have significantly advanced scientific understanding in the fields of **reproductive toxicology, metabolic disorders, infectious diseases, environmental toxicology, and experimental histopathology**, particularly through the use of laboratory animal models and biochemical biomarkers to elucidate mechanisms of tissue injury and therapeutic modulation.

Notably, findings published in *Archives of Razi Institute* demonstrated that neonatal exposure to lead (II) oxide induces profound testicular cytoarchitectural alterations with altered cellular proliferative activity, as evidenced by Ki-67 expression. This study further established the modulatory role of retinol in attenuating heavy-metal-induced reproductive toxicity, thereby contributing to current knowledge on micronutrient-mediated mitigation of developmental toxicants.

In another study published in the *European Journal of Anatomy*, experimental evidence revealed that cadmium exposure results in severe hepatocellular necrosis and hepatic amyloidosis. Importantly, the study provided novel insights into the hepatoprotective effects of ivermectin and *Allium cepa*, highlighting their therapeutic potential against heavy-metal-induced liver pathology.

Furthermore, clinical investigations reported in the *Rwanda Medical Journal* expanded knowledge on the biochemical alterations associated with *Plasmodium falciparum* infection during pregnancy by demonstrating significant changes in antioxidant status and acute-phase

reactants, thereby offering potential biomarkers for monitoring disease progression and maternal-fetal risk.

Research outputs in *Heliyon* provided experimental data on the deleterious effects of glyphosate-based herbicides on fertilization and early developmental stages in *Clarias gariepinus*, contributing to environmental risk assessment and ecotoxicological surveillance of widely used agrochemicals.

Additionally, studies published in the *Biomedical and Biotechnology Research Journal* elucidated the relationships between serum iron metabolism, methemoglobin levels, and inflammatory biomarkers such as serum amyloid A in metabolic conditions including gestational and type 2 diabetes mellitus. These findings offer valuable insights into the role of acute-phase proteins in cardiometabolic risk stratification.

Collectively, these research efforts contribute to the development of preventive and therapeutic strategies against environmental toxins, infectious diseases, and metabolic dysfunctions through histological, biochemical, and molecular approaches, thereby enriching current scientific knowledge in experimental pathology and translational biomedical sciences.

Chukwuemeka. CE

07/02/2026

Name

Signature

Date