

AWUNOR Onyeka

(+44) 776 582 0205

ooa36@cam.ac.uk | onyeka.awunor@gmail.com
<https://www.linkedin.com/in/onyeka-awunor-999a32181/>

EDUCATION

PhD, Pharmacology, University of Cambridge, Cambridgeshire, England

2022 - 2026

- **Research Group:** van Veen Group
- **Project Title:** *Mechanisms of Inhibition of ABC Multidrug Transporters*
My research is aimed at characterising and inhibiting the antibacterial resistance mechanisms of bacterial membrane transporters – in particular, ATP-binding cassette (ABC) transporters like MsbA in pathogenic gram-negative bacteria.
- **Relevant Skills:**
 - Planning and execution of experiments involving cell biology, molecular biology and biochemistry.
 - IT and bioinformatic skills involving the use of specialized software for molecular cloning and other data analyses.
 - Critical thinking and effective communication skills involving data analysis, interpretation and presentation for proposals, poster presentations and conferences.
- **Scholarship awarded for PhD Studies:** David James-Wolfson College-School of Biological Sciences Doctoral Training Program PhD studentship
- **Voluntary roles**
 - *Mentor* - Cambridge University African Students' Mentorship Programme (CAMP) and The Pre-Application Mentorship Project – Cambridge.
 - *Junior Treasurer* – African Society of Cambridge University and Wolfson College May Ball Committee.
 - *Student Representative* – Equality, Diversity and Inclusion Committee, Department of Pharmacology, University of Cambridge.

MSc, Pharmacology, University of Oxford, Oxfordshire, England

2021 - 2022

- **Final grade:** Distinction
- **Lecture Modules:** Cell Signalling, Cardiovascular Pharmacology, Neuropharmacology (neurodegeneration & psychopharmacology) and Drug Discovery.
- **Research Group:** Milosevic Lab, Wellcome Centre for Human Genetics, Nuffield Department of Medicine, University of Oxford
- **Project Title:** *Links between Rabconnectin-3 α and Cell Proliferation, Glucose Metabolism and Mitochondria*

BSc, Industrial Chemistry, Bingham University, Nasarawa, Nigeria

2015 - 2018

- **Final grade:** First Class Honors; CGPA: 4.93/5.00
- **Project Titles**
 - Evaluation of Crude Yam Starch from White Yam (*Dioscorea rotundata* *poir.*) as a Pharmaceutical Excipient in Tableting of Paracetamol
 - The theoretical study of the efficiency of Benzo-phenoxazinone derivatives in aqueous medium to serve as effective organic corrosion inhibitors of mild steel
- **Awards:** Best Graduating Student (Department, Faculty and Overall) - Set of 2018

- **Voluntary roles:** Vice president and financial secretary – Students’ Chemical Society of Nigeria, Bingham Chapter

Cambridge A-levels, D-Ivy Sixth Form College, Lagos, Nigeria **2013 - 2014**
Chemistry - A* ; Physics: - A ; Mathematics: – B

WORK HISTORY

- **ALACRITA CONSULTING LTD** **2025 – 2025**
Role: *Life Science Consultant intern*
- **UNIHIVE EDUCATION LTD** **2024 – till date**
Role: *Academic supervisor (Biochemistry and medicine pathway)*
- **IMMERSE EDUCATION** **2023 – 2023**
Role: *Chemistry summer school tutor*
- **DEPARTMENT OF PHARMACOLOGY, UNIVERSITY OF CAMBRIDGE, ENGLAND** **2022 – till date**
Role: *Practical session demonstrator for undergraduates*
- **PIEUR WELLNESS, WASHINGTON DC, USA.** **2021 – 2021**
Role: *Administrative officer*
 - Training and certification - HIPAA Awareness for Mental Health
- **CORONA SECONDARY SCHOOL, AGBARA, OGUN STATE, NIGERIA.** **2019 – 2021**
Roles: *Assistant Laboratory Coordinator (Science Department)*
 - Corps Member - National Youth Service Corps (NYSC Nigeria)
- **ZIVA HALL EDUCATIONAL CENTRE, KUBWA, ABUJA, NIGERIA.** **2019 – 2019**
Role: *Graduate Teaching Assistant (Chemistry and Basic Science)*
- **NIGERIAN BOTTLING COMPANY, IDU, ABUJA, NIGERIA.** **2017 – 2017**
Role: *Quality Assurance Intern*

PUBLICATIONS

Evaluation of Crude Yam Starch from White Yam (*Dioscorea rotundata* poir.) as a Pharmaceutical Excipient in Tableting of Paracetamol. **DOI:** 10.22587/ajbas.2019.13.6.4

Theoretical Study of the Efficiency of Benzo-Phenoxazinone Derivatives in Aqueous Medium to Serve as Effective Organic Corrosion Inhibitors of Mild Steel. **DOI:** 10.51584/IJRIAS.2024.907038

PROFESSIONAL MEMBERSHIP

Member, Biochemical Society **Feb 2023 – till date**
 Member, British Pharmacological Society **Feb 2021 – till date**

LANGUAGES: English (fluent), Igbo (basic)

HOBBIES AND INTERESTS: Poetry, board games and swimming.