

# Ruth Asikiya Afunwa

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Date of Birth: 23<sup>rd</sup> March, 1979  
State of Origin: Delta  
Marital status: Married  
Nationality: Nigerian  
Religion: Christianity  
Sex: Female  
Contact Address: P. O. Box 3452, Okpara Avenue, Enugu.  
Home Address: #29 Aloagu Street, Community Estate, Trans Ekulu, Enugu state

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## PERSONALITY AND QUALITIES

Compassionate, creative and effective teacher; dedicated to service with an incisiveness of mind of extraordinary quality. A confident and determined scientist with the grit for excellence despite the odds.

### AREA OF EXPERTISE

- ✚ Education/ Teaching
  - ✚ Science research and collaborations
  - ✚ Research communication and consultation
  - ✚ Academic advising and mentoring
  - ✚ Student outreach programs/ facilitation
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## PROFESSIONAL EXPERIENCE

### LECTURING

Renaissance University Ugbawka, Enugu State	September 2010- April 2016
Gregory University Uturu, Abia State	April 2016 – October 2017
Godfrey Okoye University, Enugu state	November 2017- till date

**Most current position:** Senior Lecturer

### Responsibilities:

- Teaching of Microbiology and other related courses to students at undergraduate and post graduate levels
- Research collaborations with lecturers from within and other institutions
- Supervision of students project work/ seminar write ups and academic advising

### RESEARCH

Studies and research publications in Antimicrobial Resistance and Evaluation and other areas of Microbiology at both undergraduate and post graduate levels

### THESIS TOPICS

- Antimicrobial, Molecular and Pathogenicity studies on Extended Spectrum Beta Lactamase (ESBL) producing bacteria isolates from an abattoir in Awka town, Anambra state, Nigeria **(Ph. D)**

- Prevalence and antimicrobial studies of community and clinical isolates of ESBL producing *Enterobacteriaceae* and *Pseudomonas aeruginosa* in Enugu, Nigeria (M. Sc)
- Mating and related studies on yeast isolated from oranges (B. Sc)

## RESEARCH COLLABORATIONS

Prof. Joseph W. Matofari, Ph.D

Department of Dairy and Food Science and Technology

Egerton University, Kenya

Email: [jmatofari@egerton.ac.ke](mailto:jmatofari@egerton.ac.ke), [jmatofari@gmail.com](mailto:jmatofari@gmail.com)

## ADMINISTRATION

Ag. Head of Department, Department of Microbiology, Renaissance University, Ugbawaka, Enugu (January, 2014-2015)

Director Academic Planning, Renaissance University, Ugbawaka, Enugu (2016)

## OTHERS

### CHILD MISSIONARY

**National Youth Service Corps:** Children Evangelism Ministry (CEM), Kogi state (NYSC) Children outreach and Education (2002-2003)

### REAL ESTATE

**Diya Fatimilehin and Company:** Estate surveyors and managers, Lagos state Management trainee (2003-2005)

### SALES AND MARKETING

**Teem Waters:** Sales and Marketing Officer (2005-2006)

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## EDUCATION AND TRAINING

NnamdiAzikiwe University, Agulu campus	2010- 2015	<b>Ph. D</b> (Pharmaceutical Microbiology)
University of Nigeria, Nsukka	2007- 2009	<b>M. Sc.</b> (Pharmaceutical Microbiology)
University of Port Harcourt	1997- 2001	<b>B. Sc</b> (Microbiology)
National Youth Service Corps, Kogi state	2002-2003	
Basic course in children missions and Education	2002	
AuthorAID Research Communication	2017	<b>Merit badge</b>

## MEMBERSHIPS/AWARDS

- Organization for Women in Science for the Developing World (OWSD),  
Membership No- 5747
- Microbiology Society UK, Membership No: C018806

## Awards

- Best lecturer, Department of Microbiology, 2011/2012



Authoraid Research Communication; Merit Badge

- Fellow, Institute of Policy Management Development

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## REFEREES:

### **Prof. Charles O. Esimone**

Department of Pharmaceutical Microbiology and Biotechnology  
NnamdiAzikiwe University, Awka  
P M B 5021.Awka  
+2348062835781.

### **Prof. Adebayo Lamikanra**

Department of Pharmaceutics  
ObafemiAwolowo University, Ile- Ife  
Osun state  
+2348037000773

### **Prof. Emmanuel N. Adinna**

Department of Geography and Environmental management  
Godfrey Okoye University,  
Thinker's corner,  
Enugu state  
+2348033332689

## LIST OF PUBLICATIONS

1. **Afunwa, R A.**, Iroha, R.I., Ugwu, M., Afunwa, E.C., Unachuchwu, M.N and Esimone C.O. (2018). Ameliorative effect of imipenem on pulmonary damage caused by Extended Spectrum Beta Lactamase (ESBL) producing bacteria isolates from non- human source. *Afri. Journ.mcb. res* 12(15): 354-361
2. **Afunwa, R. A.**, Nwokediuko, I. and Okolie, C. E. (2017). Asymptomatic Urinary Tract Infection (Bacteriuria) in Pregnant Women attending antenatal clinics in a community hospital. *Int'l Journal of Medical Sciences and Technology*; 7(5): 28-34
3. **Afunwa, R. A.**, Gugu, T. H., Eze, P.M.and Esimone C.O. (2016). *In vitro* biofilm formation of selected Extended Spectrum Beta Lactamase (ESBL) producing bacteria isolates from non-human source. *Int'l Journ of Innovative and Applied Research*; 4(10):10-13
4. **Afunwa, R. A.**, Odimegwu, D. C., Iroha, R. I. and Esimone, C. O. (2014). Antibiotic Combinatorial Approach Utilized against Extended Spectrum Beta-Lactamase (ESBL) Bacteria Isolates from Enugu, South Eastern Nigeria. *Journal of Health Sciences*; 4(1):19-25.
5. Ikegbunam M., N., Anagu, L.,O., Nwakile C., D., **Afunwa R. A** and Esimone, C., O. (2014). Antimicrobial Activity of Selected Medicinal Plants of South-Eastern Nigeria on *Pseudomonas* species Expressing Extended Spectrum Beta Lactamase (ESBL). *European Journal of Medicinal Plants*; 4(11): 1367-1377, 2014
6. Ononiwu, R.C., **Afunwa, R.A.**, Afunwa, E.C. and Okoli, C. E. (2013) Isolation and characterization of microorganisms from retail fresh meat (beef) sold in Agbani local market. *World Journal of Biotechnology*; 14(1): 2025-2032.
7. **Afunwa, R.A** and Adinna, E. N. (2013) The role of microbes in food production and preservation in the tropics. *Proceeding of the 2<sup>nd</sup> biennial Int'l Conference on Biotechnology and national development*; Godfrey Okoye University; 139-156.
8. Onuorah, S. C., **Afunwa, R.A.**, Aneke, M. O. and Onuorah, J.E. (2012). An Assessment of the bacteriological quality of some swimming pools in Awka, Nigeria. *Journal of applied sciences*; 15(2): 10452-10460.
9. Onuorah, S. C., Okorie, R. C., **Afunwa, R.A.**, Okoli, R. O. and Onuorah, J.E. (2012) microbial quality of some yoghurt brands in Awka, Nigeria. *Journal of Sciences, Engineering and Technology*; 19(2): 10870-10878
10. **Afunwa, R.A.**, Afunwa, E.C., Okoli, C. E. and Nnodim, N.N. (2012). Mating and related studies on yeast isolated from oranges. *Journal of Sciences, Engineering and Technology*; 19(3): 11093-11098.

11. **Afunwa, R.A**, Odimegwu, D.C, Iroha, R.I. and Esimone, C.O. (2011). Antimicrobial Resistance Status and Prevalence Rates of Extended Spectrum Beta- Lactamase Producers Isolated from a mixed Population. *Bosnian Journal of Basic Medical Science*;11(2):91-96.
12. **Afunwa, R.A and** Adinna, E. N. (2011). Upgrading the traditional health care system and the millennium development goals in Nigeria to the age of technology. *Proceeding of the Int'l Conference on Biotechnology*; Godfrey Okoye University; 205-210.
13. **Afunwa, R.A**, Ikegbunam, N. M, Iroha, R.I. and Esimone, C.O. (2011). Evaluation of combined activity of gentamicin and some Selected beta lactam antibiotics against Extended Spectrum Beta Lactamase (ESBL) - Producing Organisms. *Nigerian Journal of Pharmaceutical Research*; 9(2): 86-94.