

UDODINMA JUDE OKEKE

STUDIES APPLIED FOR: AGR/15 - PhD in Food Science and Technology.

WORK EXPERIENCE:

- Dates: 1st August, 2017 to Date.
Position: Senior Scientist Food Research and Development
Employer: Safety Quality Foods Research and Consultancy Services Ltd Plot 11-13 Market Road by High Court Road Zuba, FCT, Abuja, 90001, Nigeria.
- Main Responsibilities: Routine analysis of samples; Formulation and design of scientific experiments and research projects; Field/lab Data collections and analyses; Preparing research proposals and funding/grants applications; Experimenting with novel/classical instruments for data collection and analysis; Field investigation research and project development; Cleaning, Sanitation and Hygiene desk officer; operating and managing scientific and technological innovations; Training subordinates on scientific, hygiene, workplace and occupation safety and hazards; Monitoring and evaluation of research and development projects; writing of scientific reports and interpretation of reports; Supervising subordinates.
- Business sector: Food and Beverage Research and Consultancy.
Dates: 27th February to 6th July, 2017
Position: Graduate Research Intern
Employer: Flavour Creations Australia PTY Ltd, Tennyson 26-32 Murdoch Circuit, Acacia Ridge 4110 Queensland Australia. www.flavourcreations.com.au.
- Main Responsibilities: Routine analysis and characterisation of food contact materials, biofilm identification and removal from food contact surfaces, food labelling policy reviews
- Business sector: Manufacture of Food and Beverages for special health needs.
Dates: 7th January 2010 to 6th June 2015
Position: Senior Scientific Officer
Employer: Pesticides laboratory 33-38 Mando Road by Livestock House Kaduna, Kaduna State, Nigeria.
- Main Responsibilities: Spectrophotometric and Chromatographic purification and characterisation of field and storage pesticides.
Business sector: Chemical Management of field and storage pests of Agri-Food Products.
Dates: 10th January 2006- 6th January 2010
Position: Scientific Officer Quality Assurance
Employer: National Strategic Food Reserve Agency, Federal Ministry of Agriculture and Rural Development, NAIC House Abuja 90001, Nigeria.
- Main Responsibilities: Management of HACCP, Analysis of chemical and biological contaminants, Environmental Management, Laboratory Management and Standard Operational Procedures (SOP)
- Business sector: Management of National Strategic Food Reserve Stock.
Dates: 10th September 2004- 4th January 2006
Position: Education Officer II
Employer: Girls Science Secondary School Soba Kaduna State Nigeria.
- Main Responsibilities: Preparation of lesson plans, teaching and assessing students performance and mentoring students
- Business sector: Secondary Education.
Dates: 8th September 2003- 7th August 2003
Position: NYSC (Teaching Assistant)
Employer: G.S.S. Geshere- Nation Youths Service Corps Scheme, Kaduna State Nigeria.
- Main Responsibilities: Preparation of lesson plans, teaching and assessing students performance and mentoring students
- Business sector: Secondary Education.

EDUCATION AND TRAINING

- Dates: 9th June 2015- 21st July 2017.
Qualification: MSc Food Science and Technology
Institution: University of Queensland, Brisbane, 4072 Queensland Australia. www.uq.edu.au.
- Principal subjects: Advanced Food Policy, Safety and Quality Mgt; Advanced Food Material Science and Engineering; Advanced Functional Foods; Advanced Food Microbiology; Advanced Food Chemistry; Advanced Food Product Development; Graduate Research Thesis.
- CGPA: 5.67/7.00
AQF: 9
Dates: 7th September 2008 - 31st August 2010.
Qualification: Postgraduate Diploma Education
Institution: University of Maiduguri Borno State, Nigeria. www.unimed.edu.ng.
- Principal subjects: Educational Philosophy, Educational Psychology, Teaching Methodology, Education Research and Statistics, Education Technology
- CGPA: 4.44/5.00
NQF: 8
Dates: 4th March 1998- 5th August 2003.
Qualification: BSc Hons Food Science and Technology
Institution: Michael Okpara University of Agriculture Umudike, PMB 7267 Umuahia 44000 Nigeria www.mouau.edu.ng.
- Principal Subjects: Food Analysis and Quality Control, Food Engineering, Food Chemistry, Food Microbiology, Food Product Development, Sensory Evaluation and analysis, Statistics, Food Product and Process Design
- CGPA: 3.69/5.00
NQF: 8
Date: 1st February- 30th April, 2012
Skills: Advanced Material Characterisation, Good Laboratory Management.
Institution: SHRIRAM Institute for Industrial Research (SRI) No 19 University Road, 110007 New Delhi India. www.shriraminstitute.org
- Date: 7th -30th July, 2008
Skills: Safe Handling of Irradiated products, use of radiation processing facilities, marketing of irradiation services
Institution: International Atomic Energy Agency African Regional Office Cairo Egypt. www.iaea.org.
Date: 5th March- 29th June, 2007.

Skills: Integrated Pest Management, Chemical Residue Testing, Toxicological Material Handling.
 Institution: MASHAV International School of Agricultural Sciences, Hebrew University Jerusalem, Israel.
www.mfa.gov.il/mfa/mashav.

PERSONAL SKILLS

Mother Tongue: Ibo
 Other languages: English (International English Language Testing System) IELTS (CEFR, B2)

COMMUNICATION SKILLS

- Inter/Multicultural communication skills gained through postgraduate studies at the University of Queensland.

ORGANISATIONAL / MANAGERIAL SKILLS

- Leadership: I have been a great leader from high school through bachelors and Masters degrees, and currently leading 8 personnel in the R& D Department.
- A certified manager of quality/organisational excellence of the American Society for Quality.
- Problem solving skills developed while on internship with Flavour Creations
- Critical Thinking gained through Master studies at the University of Queensland
- Analytical Judgement gained through over ten years of laboratory analyst.

DIGITAL SKILLS

Information Processing (blogging)	Microsoft Office Suit	Statistical Analysis tools (Minitab, PCA)	Others (python with data science)
Proficient User	Proficient User	Proficient User	Proficient user

PUBLICATIONS

- **Okeke, U.J.**, (2019) Effects of hydrocolloids types and quantity on the functional properties of gluten-free cassava-soybean composite flour bread. *Proceedings of the 5th Regional Food Summit (REFOST)* of the Nigerian Institute of Food Science and Technology (NIFST), FCT Chapter P.19.
- **Okeke, U.J.** and Fitzgerald, M.A., (2017) Measuring different fractions of starch from rice grains to determine roles of hot water soluble and hot water insoluble amylose on rice cooking and eating qualities. *Proceedings of the 41st conference and annual general meeting of the Nigerian Institute of Food Science and Technology (NISFT)*, pp 63-64.
- **Okeke, U.J.** (2010) Evaluation of the chemical composition and antimicrobial properties of *Bulchholzia coriacea* (wonderful cola). *Proceedings of the 1st WAAFOST congress*, 12-13.
- **Okeke U.J.** (2016) Measuring different fractions of starch from rice grains to determine roles of soluble and insoluble amylose on rice quality. An MSC Thesis submitted to the University of Queensland in Fulfilment of the requirement for the award of Master of Food Science and Technology
- **Okeke U.J.** (2014) Opinions of FCT residence on the achievement of education for all in Nigeria. A PGD thesis submitted to the University of Abuja in fulfilment of the requirement for the award of postgraduate diploma in gender studies.
- **Okeke U.J.** (2009) Perception of the free lunch policy on the universal basic education program in Abuja Municipal Area Council (AMAC). A PGD thesis submitted to the University of Maiduguri in fulfilment of the awards of postgraduate diploma in education.
- **Okeke, U.J.** and Abolarin, E.E (2009) Public rating of the home-grown school feeding policy of the universal basic education program. *African Journal of Allied Education* 3(1), 115-126.
- **Okeke U.J.** (2002) Evaluation of the chemical composition and antimicrobial properties of *Bulchholzia coriacea* (wonderful cola). A BSC thesis submitted to the Michael Okpara University of Agriculture Umudike in fulfilment of the requirement of the award of Bachelor of Food Science and Technology.

Honours and Awards Received

- Australia Awards Africa- Australia Government Scholarship 2015- 2017.
- The University of Queensland and Ag Institute Australia DR Wilf W. Bryan memorial prize 2016-Finalist
- The University of Queensland Student Services- Student leader UQ Peer Writing Mentor 2016
- The Right Honourable, the Lord Mayor of Brisbane- certificate of friendship 2015
- The President's NYSC Honours Awards- Outstanding Youth of the year 2003
- Michael Okpara University of Agriculture Umudike- outstanding accomplishment awards 2002
- Michael Okpara University of Agriculture Umudike- Meritorious service awards 2001
- Nigeria Association of Food Science Students- Outstanding Service awards 2002
- Michael Okpara University of Agriculture Umudike-Selfless service awards 2000
- Michael Okpara University of Agriculture Umuike- Outstanding performer awards 1999

PROFESSIONAL ASSOCIATION

- Nigerian Institute of Food Science and Technology (NIFST) Nigeria, Professional member, 2007 - Date

PROFESSIONAL CERTIFICATION

- American Society for Quality's Certified Manager of Quality/ Organisational Excellence (ASQ CMQ/OE).

VOLUNTEER WORKS

- FAO Food Loss and Waste Mitigation Champion 2020-Date
- The university of Queensland Student Services Learning Hub, Student Leadership Programme 2016- 2017
- Bicycle Queensland and Queensland diabetes Association 2015- 2017
- Suncorp great Brisbane bike ride and Queensland Heart Foundation October 2015
- African Union Youths Volunteer Corps December 2010- June 2012
- National Youths Service Corps Nigeria September 2003- August 2004
- Michael Okpara University of Agriculture Students Affairs Department October 1999-Dec.2002.