

Bakare, Oluwatobi Ibukun

+2348060406545 | [Email](#) | [Website](#) | [LinkedIn](#)

EDUCATION

- MTech** **Ladoke Akintola University of Technology Ogbomoso Oyo State, Nigeria** **2020 -Present**
MTech. Food processing
Thesis Title: Influence of Addition of Tigernut Flour (*Cyperus Esculentus*) on the Quality attributes of Maize Flour *Meal* (Tuwo)
- BTech** **Kwara State University Malete Kwara State, Nigeria** **2014-2019**
B.Tech. (Hons) Food science and Technology (Second Class Upper Honors: **3.15/4.0**)
Thesis Title: Development and characterization of African Locust Bean Pulp with instant Kunun zaki
Advisor: Dr Kazeem Olatoye

RESEARCH EXPERIENCE

- Research Assistant, Department of Food science and technology** **2018-2019**
Kwara state University, Kwara state, Nigeria
PI: Dr Raji Akeem
Research title: Value Addition and Influence Of Succilynation Levels on the Quality of Wild Yam (*Discorea villosa*) Starch
- ☐ Computed data from the questionnaires using Statistical Package for Social Sciences
 - ☐ Cleared data from SPSS
 - ☐ Analyzed and interpreted data using SPSS
 - ☐ Reviewed relevant journals for research purposes and produced manuscripts.
- Research Assistant, Department of Food science and technology** **2018-2019**
Kwara state University, Kwara state, Nigeria
PI: Dr Kazeem Olatoye
- ☐ Conducted experiments to investigate the properties of various food products, including measuring and weighing out ingredients, cooking and processing food samples, and packaging them for storage or analysis.
 - ☐ Recorded detailed data from experiments and maintained accurate records of experimental procedures and results using laboratory notebooks and electronic databases.
 - ☐ Assisted in the analysis of experimental data using statistical software, interpreting results to draw meaningful conclusions and recommendations.
 - ☐ Conducted literature reviews to identify existing research on the topic being studied, using online databases and academic journals to summarize key findings and evaluate their relevance to the research project.
 - ☐ Assisted in writing reports summarizing the results of experiments and analyses, ensuring that the research findings were presented in an organized and easy-to-understand format.
 - ☐ Communicated regularly with other members of the research team to discuss experimental procedures, analyze results, and plan future experiments, demonstrating strong collaboration and interpersonal skills.

Msc Research Food Nutrition Thesis

- Ladoke Akintola University of Technology, Oyo, Nigeria
Advisor: Dr Adejuiyitan 2021-2022
- ☐ Conducted comprehensive literature reviews to gather relevant scientific research and establish a strong foundation for the study.
 - ☐ Developed a robust and effective methodology that aligns with the research objectives and ensures the collection of accurate and reliable data.
 - ☐ Designed and implemented research instruments, such as surveys sensory analysis, to gather data from participants in a structured and organized manner.
 - ☐ Actively recruited participants for the study, ensuring appropriate representation and diversity to enhance the validity and generalizability of the findings.
 - ☐ Collected and meticulously inputted data into the Statistical Package for the Social Sciences (SPSS) software, ensuring accuracy and completeness for subsequent analysis

PUBLICATIONS AND CONFERENCE PRESENTATIONS

Olatoye, K.K., Irondi, E.A., Awoyale, W. and **Adeyemo O.I** (2023). Nutrient composition, antioxidant properties, and sensory characteristics of instant Kunu from pearl millet supplemented with African locust bean pulp. J. Ethn. Food 10, 21. <https://doi.org/10.1186/s42779-023-00188-1>

Miteu, Goshen; Ojeokun, Olayemi; Addeh, Irenosen; Ayomide, Afolabi; Olayinka, Temidayo; Sunday, James; **Adeyemo, Oluwatobi**; Benneth, Elohozino (In view). Scaling up sustainable agriculture and food security with nanoscience and technology" MODA-Jun-2023-0031.

Goshen David Miteu, Afolabi Ayomide Emmanuel; Irenosen Addeh; Olayemi Ojeokun; Temidayo Olayinka; James Sunday Godwin; **Oluwatobi Ibukun Adeyemo**; Elohozino Oghale Bennet (2023). Nanoscience And Technology as a Pivot For Sustainable Agriculture And Its One Health Approach Awareness" <https://www.sciencedirect.com/science/article/pii/S2949704323000148> doi.org/10.1016/j.soh.2023.100020

Conference presentations

K.O Olatoye, **O.I. Adeyemo**. Quality assessment of an Instant Kunun with Ackee Fruit Powder. Regional conference Journal of food science and technology (ReFrost). ISSN 0974-3154, Volume 12, Number 60 (2022), pp. 1677-1686.

Oluwatobi, I.A (2022). The roles of Risk analysis in the food industry. Presented at the department of food science and technology, Kwara state university, Malete, Kwara state university.

Koledoye Olatoye, Adetunji Ismael, Lawal, **Ibukun Oluwatobi, Adeyemo** and Blessing Adepeju Adebayo (2022) "In-vitro Protein Digestibility and Sensory characteristics of Cookies Produced from Wheat and Nixtamalized Buckwheat Flour Blend. 46th NIFST Conference-Abuja 2022. (ABJ22-080)

TEACHING EXPERIENCE

Class Teacher/Home Mistress

2019 –2020

Junior secondary school Gurin Adamawa state, Nigeria

- ☐ Helped more than 100 students get better in basic mathematics across J.S.S 1 to J.S.S 3
- ☐ Prepared 80 students for Junior School Certificate Examination (JSCE)
- ☐ Developed and implemented comprehensive lesson plans, catering to diverse learning styles and individual student needs.
- ☐ Provided effective classroom management, maintaining a positive and inclusive learning environment conducive to student engagement and academic growth.
- ☐ Facilitated student learning through interactive teaching methods, encouraging active participation and fostering critical thinking skills.
- ☐ Assessed and evaluated student performance, utilizing various assessment tools to monitor progress and provide timely feedback for improvement.

Ladoke Akintola University of Technology, Oyo, Nigeria

Graduate Teaching Assistant, Department of Food science

2021-2022

- ☐ Coached and mentored prospective undergraduates, recording over 90 % average success yearly.
- ☐ Prepared academic materials and organized tutorials for colleagues and other students at lower levels
- ☐ Demonstrated strong attention to detail and fairness by marking and grading the scripts of 400 students.
- ☐ Utilized Microsoft Excel, a powerful analytical tool, to compile and analyze student results, providing comprehensive and data-driven feedback.
- ☐ Applied organizational and analytical skills to ensure accurate and efficient handling of student assessments.

Kwara state university Kwara, Nigeria

Graduate Teaching Assistant, Department of Food science

2022-Present

- ☐ Assisted in course development: Collaborated with faculty members to develop course materials, including syllabi, lecture notes, assignments, and laboratory experiments, ensuring alignment with the course objectives and

academic standards.

- ❑ Conducted instructional sessions: Delivered lectures, facilitated discussions, and led laboratory sessions to enhance student understanding of key concepts and practical applications in food science.
- ❑ Provided individualized support: Offered guidance and mentorship to students, addressing their questions, clarifying doubts, and providing additional explanations to promote their learning and academic success.
- ❑ Graded assignments and exams: Evaluated student work, including assignments, quizzes, exams, and laboratory reports, ensuring fair and timely assessment of their performance and providing constructive feedback for improvement.
- ❑ Led group discussions and workshops: Organized and facilitated group discussions, study sessions, and workshops to encourage student engagement, foster critical thinking, and promote collaborative learning within the food science community.

INDUSTRIAL EXPERIENCE

Dala Food Nigeria Limited

2018

Quality control personnel

- ❑ Conducted regular inspections of raw materials and finished products to ensure they meet quality standards.
- ❑ Implemented quality control procedures to monitor and maintain the consistency of product standards.
- ❑ Collaborated with other departments to identify and resolve quality issues in a timely manner.
- ❑ Analyzed production data and provided recommendations to management on ways to improve the quality of products and processes.
- ❑ Conducted periodic audits to evaluate compliance with quality control procedures and regulations.
- ❑ Maintained accurate records of all quality control activities, including test results and corrective actions taken.
- ❑ Worked closely with suppliers to ensure the timely delivery of high-quality raw materials.
- ❑ Responded promptly to customer complaints and took appropriate action to resolve issues and prevent future occurrences.
- ❑ Stayed current with industry best practices and updated quality control procedures accordingly.

VOLUNTEERING & LEADERSHIP EXPERIENCE

National Youth service corps (NYSC)

Fufore local government Adamawa state

2019

- ❑ Equipped more than 120 girls with hand skills such as baking, soap production and knitting

Manager/Customer Service Relation

2021 – 2022

Fumadex Computer Institutions

- ❑ Designed basic office tools (MS Word, Excel, PowerPoint) curriculum and trained more than 30 students
- ❑ Recruited and managed more than 8 staff within the space of 2 years of management
- ❑ Initiated and managed the project of replacing all ageing equipment such as laptops, printer and photocopy machines for efficient business operations
- ❑ Increased Customer base by 40% and total revenue by 15%
- ❑ Reformed business operations with an excellent record keeping system for informed business decisions and growth

PROFESSIONAL MEMBERSHIP /CERTIFICATIONS

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|---|------|
| ❑ Graduate Member of Nigeria Institute of Food Science (NIFST) | 2020 |
| ❑ Certificate in Human resources and advanced human resource management | 2020 |
| ❑ Certificate in Quality Management | 2020 |
| ❑ Certificate in Health Safety and Environment Level (1,2, and 3) | 2020 |
| ❑ Certificate in Diabetes Awareness and management | 2022 |

SKILLS AND COMPETENCES

- ❑ **Computational skills & Statistical Skills:** Statistical Package for Social Sciences (SPSS), Microsoft Office package, Endnote and Design Experts
- ❑ **Research and Publication:** Excellent Scientific Research ability with knowledge of APA and MPA reference styles, Excellent written and verbal communication skills, Excellent abilities with MS and Google Docs

- **Other Skills** Data interpretation, Excellent, communication skills and Attention to details

REFERENCES

1. Dr Adewumi Oyeyinka

Dietetics and Human Nutrition, University of KwaZulu-Natal, South Africa
wumishaks@yahoo.ca | +27616696631

2. Dr Olaoye Kazeem

Kwara State University
luckykaykay@yahoo.com
|+2348034266852

3. Asst. Professor Ajala Stephen

Ladoke Akintola university of Technology
ogbomososo oyo
asajala@lautech.edu.ng |