

Olusola Olagunju-Yusuf

RESEARCH OFFICER

Federal Institute of Industrial Research Lagos, Nigeria

☎ +234 813 866 1682 | ✉ sho1aolagunju09@gmail.com | 🏠 olusolaolagunju.github.io | 📷 olusolaolagunju | 🌐 olusola-olagunju

EDUCATION

Federal University of Agriculture

Abeokuta, Nigeria

MSC. FOOD PROCESSING AND STORAGE TECHNOLOGY

2015-2018

- WES CGPA Conversion: 3.72/4.0 (top 2%)

Ladoke Akintola University of Technology

Ogbomoso, Nigeria

BSC. FOOD SCIENCE

2007-2012

- WES CGPA Conversion: 3.27/4.0 (top 5%)

GRE

VERBAL: 166 (97%), QUANTITATIVE: 168 (91%), WRITING: 4.0 (54%)

2021

IELT

LISTENING: 8.5, READING: 6.5, SPEAKING: 7.0, WRITING: 6.5, OVERALL BAND SCORE: 7.0, CEFR LEVEL: C1

2020

Work experience

Federal Industrial Institute of Research

Oshodi, Nigeria

RESEARCH OFFICER

June 2017-Present

- Designed and analyzed surveys and questionnaires to answer pertinent questions before product development
- Principal investigator: Developed and processed a complementary food from blends of cereal (sorghum) and an under-utilized legume (Bambara) for under-weight children using low-moisture extrusion cooking
- Co-investigator: Developed and processed a high-fiber biscuits from coconut fiber for the management of obesity
- Co-investigator: Developed and processed protein isolates from legumes (Pigeon pea, Soybean, and Bambara) using a plant coagulant (calotropis procera)
- Co-investigator: Developed and optimized processing conditions of low-fat fish sausage using high-moisture extrusion cooking
- Co-investigator: Developed and processed a isotonic sports drink from watermelon
- Contributed to research strategy, define and deliver market-driven research.

Lagos Food Bank

Lagos, Nigeria

VOLUNTEER STAFF

July 2022-Present

- Co-led EDUFOOD program at twenty schools in underserved communities in Lagos. EDUFOOD program, an education enhancement intervention for food insecure students
- Participated in Temporary Assistance Food Program outreach to eight low-income communities in Lagos. A program that seeks to alleviate food insecurity among pregnant and lactating women, patients with chronic diseases, geriatrics, and the destitute

Federal University of Agriculture

Abeokuta, Nigeria

GRADUATE TEACHING ASSISTANT

2016-2017

- Taught 200l students Introduction to Food Science and Engineering
- Participated in undergraduate assessment by invigilating exams and paper grading
- Supported and led undergraduate seminars and workshops
- Delivered specific administrative roles for the department

Publications

Peer Reviewed article and Conference Proceedings

- O. F.Olagunju-Yusuf, O. B. Oluwole, O. O. Oladunmoye, T. Arowosola, O. D. Adeyilola, U. Agbugba, C. Ezeukwu, N. L. Asiemba (2020). Pasting characteristics of complimentary food produced from Bambara and Sorghum blends. 44th Nigerian Institute of Food Science and Technology Conference Proceedings
- O.F Olagunju-Yusuf, A.A. Adebowale, O.P Sobukola, O.L Sanni (2019). The Optimization of production of Instant pounded yam flour using cultivars of White Yam (*Dioscorea rotundata*). Asian Food Science Journal. 13(4):1-9
- O.B Oluwole, F. Raji and O.F Olagunju (2019). Sustainable Prevention and Management of Excessive Weight in Overweight and Obese Population. Acta Scientific Nutritional Health 3(6):1-6

Book Chapter

- O. B. Oluwole and O. F. Olagunju-Yusuf (2022). Food and nutrition insecurity in Africa, its primary drivers, and sustainable strategies to improve the current status. Food Security and Safety Volume 2. DOI : 10.1007/978-3-031-09614-3. Springer
- T.A Arowosola, M.O Omolola and O.F Olagunju-Yusuf (2022). The Role of Food in the health management of Geriatrics. . Food Security and Safety Volume 2. Springer
- E.A. Domfeh, O.B. Oluwole, O.F Olagunju, M.O Ajakaye (2017). The Nigerian Woman's guide to feeding babies and toddlers. Nigerian Food edition

Certificate

Google Data Analytics Professional

GOOGLE

2022

Design and Interpretation of Clinical Trials

JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH

2021

The CODATA Research Data Summer School

THE ABDUS SALAM INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS

2021

Transferable skills

Technical and Soft Skills

- Research designs and methodologies (Design Expert Software)
- Statistical analysis (R, SPSS, SQL, EXCEL)
- Independent research and team work
- Article writing and publication
- Storytelling and visualization
- Public speaking