



**UNIVERSITY OF
LAGOS**



RESEARCH REPORT 2019 - 2021

UNIVERSITY OF LAGOS
RESEARCH REPORT
2019 – 2020



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Research & Innovation Office
University of Lagos
Akoka-Yaba, Lagos
Nigeria

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CONTENTS

SECTION ONE - BACKGROUND TO THE 2019 – 2021 REPORT

SECTION TWO - ACTIVITIES OF THE RESEARCH & INNOVATION OFFICE

SECTION THREE - AWARDED GRANTS (2019 – 2021)

SECTION FOUR - RESEARCH INSTITUTES AND CENTRES (2019 – 2021)

SECTION FIVE - FACULTY RESEARCH PUBLICATIONS IN PEER REVIEWED JOURNALS

Faculty of Arts

Faculty of Basic Medical Sciences

Faculty of Clinical Sciences

Faculty of Dental Sciences

Faculty of Education

Faculty of Engineering

Faculty of Environmental Sciences

Faculty of Law

Faculty of Management Sciences

Faculty of Pharmacy

Faculty of Science

Faculty of Social Sciences

Distance Learning Institute (DLI)

Library

Table of Contents

SECTION ONE.....	15
BACKGROUND TO 2019 – 2021 REPORT	15
ACTIVITIES AND OPERATIONS OF THE RESEARCH & INNOVATION OFFICE	16
1.0 About the Research & Innovation Office.....	16
1.1 Development of Governance Policy Documents for Research and Innovation Activities	16
1.2 Publication of University of Lagos Research Report	Error! Bookmark not defined.
1.3 University of Lagos Research-A-Thon.....	17
1.4 GRANTS IN 2019 - 2021	Error! Bookmark not defined.
1.5 TETFUND NATIONAL RESEARCH FUND 2019 - 2021.....	Error! Bookmark not defined.
SECTION TWO	Error! Bookmark not defined.
RESEARCH & DEVELOPMENT FUNDING	Error! Bookmark not defined.
TETFUND NATIONAL RESEARCH FUND	Error! Bookmark not defined.
NATIONAL & INTERNATIONAL GRANT AWARDEES	Error! Bookmark not defined.
OTHER GRANTS IN 2019	Error! Bookmark not defined.
2020 RESEARCH GRANTS	Error! Bookmark not defined.
ACTIVITIES & REPORTS OF RESEARCH CENTRES	Error! Bookmark not defined.
1. AFRICAN CENTER OF EXCELLENCE FOR DRUG RESEARCH,	Error! Bookmark not defined.
HERBAL MEDICINE DEVELOPMENT AND REGULATORY SCIENCE (ACEDHARS)	Error! Bookmark not defined.
2. RESEARCH ACTIVITIES OF THE ARUA CENTRE OF EXCELLENCE FOR UNEMPLOYMENT AND SKILLS DEVELOPMENT (ARUA, CoE-USD) FOR THE YEARS 2019-2020.....	Error! Bookmark not defined.
3. A REPORT OF THE ACTIVITIES OF CENTRE FOR BIODIVERSITY CONSERVATION & ECOSYSTEM MANAGEMENT (CEBCEM): 2017 - 2020	Error! Bookmark not defined.
CENTRE FOR DIGITAL HUMANITIES.....	Error! Bookmark not defined.
4. CENTRE FOR ECONOMIC POLICY ANALYSIS AND RESEARCH (CEPAR).....	Error! Bookmark not defined.
J. P. Clark Building, Institute of African and Diaspora Studies. University of Lagos Akoka, Lagos, Nigeria.....	Error! Bookmark not defined.
iads@unilag.edu.ng ofalaiye@unilag.edu.ng.....	Error! Bookmark not defined.
+234 9053818848 +234 8092839923.....	Error! Bookmark not defined.
SECTION THREE.....	43
FACULTY RESEARCH PUBLICATIONS IN PEER REVIEWED JOURNALS	76
2019 - 2021	76
FACULTY OF ARTS	79
PUBLICATION TRENDS IN THE FACULTY OF ARTS (2019-2021)	80
Faculty of Arts	81
2019 Publications	81
2020 Publications	81
FACULTY OF BASIC MEDICAL SCIENCES	83
Faculty of Basic Medical Sciences.....	85
2019 Publications	85
2020 Publications	89
FACULTY OF ENGINEERING	94
Faculty of Engineering	96
Faculty of Environmental Sciences	109

2019 Publications	109
2020 Publications	109
FACULTY OF EDUCATION	112
2019 Publications	112
2020 Publications	113
FACULTY OF SOCIAL SCIENCES	117
2019 Publications	117
2020 Publications	119
FACULTY OF PHARMACY	125
2019 Publications	126
2020 Publications	128
FACULTY OF CLINICAL SCIENCES	134
2019 Publications	134
2020 Publications	138
FACULTY OF DENTAL SCIENCES	147
2019 Publications	147
2020 Publications	148
DISTANCE LEARNING INSTITUTE (DLI)	152
2019 Publications	153
2020 Publications	154
FACULTY OF LAW	158
2019 Publications	158
2020 Publications	158
FACULTY OF MANAGEMENT SCIENCES	161
2019 Publications	161
2020 Publications	162
FACULTY OF SCIENCE	166
2019 Publications	166
2020 Publications	172
LIBRARY	181
2020 Publications	181
RESEARCH AND INNOVATION OFFICE	Error! Bookmark not defined.
2019 Publications	Error! Bookmark not defined.
2020 Publications	Error! Bookmark not defined.

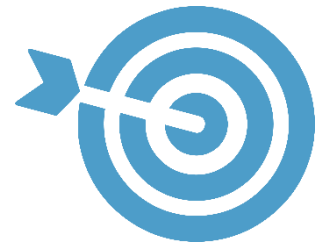
OUR VISION

To be a Top-Class Institution for the Pursuit of Excellence in Knowledge, Character and Service to Humanity.



OUR MISSION

To provide a conducive environment for teaching, learning, research and development where staff and students will interact and compete effectively with their counterparts globally.



MESSAGE FROM THE VICE CHANCELLOR

UNILAG is located in Lagos - Nigeria's commercial hub and one of the fastest growing cities in the world. As one of the leading universities in Nigeria, research scholarship, development and innovations are very important to us. We are always conscious of the need and driven to fast-track national and economic impact of research outputs. We also strive to imbibe in our students, good character and foster a culture of leadership that will bring about genuine national progress. Indeed, our university is a partner in progress, not only to the Nigerian "project", but the advancement of knowledge in the world.

On assumption of office as the 12th Vice Chancellor of this university, I was conscious of the need to align my personal vision with that of the vision of the University, which include contributing towards national/economic development, poverty alleviation and job creation, food security, increase life expectancy and safety, through research and development. As a result, our university has always encouraged interdisciplinary research collaborations among faculties. Our university also strives to vigorously promote and facilitate research across disciplines and faculties among academic institutions and organizations within and outside Nigeria. The overarching aim of this, of course, is to deepen, if not expand, research and development by utilizing knowledge-based economic paradigms.

Our pursuit of research and development, which has always transcended the confines of our university, has led to the formation of active research groups/ clusters. These research groups are convinced that UNILAG as an Ivory Tower must ensure a synergy among researchers, the industrial sector, and policy makers so as to speed up national development. I am proud to note that as part of our vision to promote collaborative research between our university and the

industrial sector of the Nigerian economy, UNILAG has now been recognized internationally. There are several Centres of Excellence that serve as platforms for research; capacity building and programme implementation. These Centres are willing to collaborate with relevant partners to deepen their research works. The World Bank African Centre of Excellence for Drug Research, Herbal Medicine Development and Regulatory Science and TETFund Centre of Excellence for Biodiversity and Ecosystem Management.

Let me use this opportunity to assure you that UNILAG is determined to play an active role in activities that relate to the Fourth Industrial Revolution. This has always been at the core of UNILAG's national and international partnership engagements. UNILAG now plays an active role in strategic partnerships and networks in attaining research and development agenda locally and internationally. In so doing, we are steadily making UNILAG a research-intensive university for national and international research. I should also add here that our investments in research and increased funding portfolios and networks have strengthened our research management and administration. We have sped up project delivery without compromising quality and impact. Our desire to create new knowledge or draw from the global pull is borne out of determination, with emphasis on the need to conduct ethical research, pursue transparency and acceptable financial management practices.

It gladdens my heart to know that partners continue to indicate interest in our capacity to do more. In all we do in UNILAG to advance research in a world that has become highly competitive, I gladly invite everyone with the flair for research and innovation to come on board for inclusive research efforts to advance the cause of humanity.

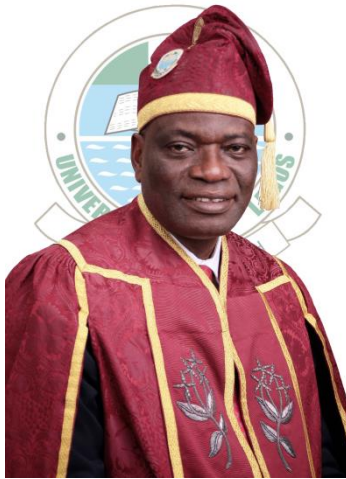
PRINCIPAL OFFICERS OF THE UNIVERSITY



Professor Ayodele Atsenuwa
Deputy Vice-Chancellor
Development Services



Professor Oluwole B. Familoni
Deputy Vice-Chancellor
Academics & Research



Professor Oluwatoyin T. Ogundipe
VICE-CHANCELLOR



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Prof. (Mrs.) Yetunde A. Zaid
University Librarian

UNIVERSITY MANAGEMENT TEAM

1. Professor Oluwatoyin T. Ogundipe - Vice-Chancellor
2. Professor Oluwole B. Familoni - Deputy Vice-Chancellor (Academics & Research)
3. Professor Ayodele V. Atsenuwa - Deputy Vice-Chancellor (Management Services)
4. Professor Lucian O. Chukwu - Deputy Vice-Chancellor (Development Services)
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7. Prof. Yetunde Zaid - University Librarian
8. Professor David A. Oke - Provost, College of Medicine
9. Professor Grace Otinwa - Director, Quality Assurance & Servicom
10. Engr. Akinwande - Ag. Director, Works & Physical Planning

Professor Oluwatoyin T. Ogundipe, *FAS* VICE-CHANCELLOR

Oluwatoyin Temitayo Ogundipe is a Professor of Botany in the Department of Botany, Faculty of Science, University of Lagos. He holds a Ph.D. Botany (Ife) and MBA (Unilag). Professor Ogundipe has attended training at the University of Johannesburg, South Africa; University of Reading, U.K.; University of Cambridge, U.K.; University of Johannesburg, S.A.; Harvard University, U.S.A.; and Kunming Institute of Botany, China. His area of research includes, but not limited to Molecular Plant Taxonomy/Biosystematics, Forensic Botany, Cytogenetics, Ethnobotany, Paleobotany and Ecological conservation. He has over ninety (90) publications in accredited academic journals and has co-authored eight (8) books. His research output so far has been chiefly in the areas of Molecular Plant Systematics, updating the taxonomy of some plant genera and using the anatomical features in the identification of sterile and fragmentary plant specimens. His publications show that he has been engaged in the recording of the general anatomy of plant species and assembling anatomical features, which may be used along with other features for enhancing taxonomic knowledge of the plant and establishing an identification system for some of these plant species. He has also been involved in exploration and testing of herbal drugs for their medicinal and antimicrobial properties. Also, some of his publications have shown the use of pollen and spores as sources of honeybees, in control of allergies and in determination of climate change and changes in land cover over the years.

Furthermore, he has been able to show the genetic diversity and relationships between different plant taxa, as well as assess phylogenetic relationship among plant populations using molecular techniques. He is currently involved in the Molecular Study of Arid Plants, Orchids in Nigeria, Acha plants studies etc. His Publications have been very relevant in botanical research with 370 citations from 2009 till date. He is a two-time recipient of the Faculty of Science researcher award and many other local and international awards. He has effectively supervised 18 Ph.D. and 45 M. Sc students.

As a result of his passion for his profession, Professor Ogundipe successfully transformed three empty rooms into fully equipped laboratories. He has attracted research grant from different agencies worth over N187m, \$3m and £28,000. Two of his research works in collaboration with other scholars are currently undergoing the process of patenting.

Professor Ogundipe understands the need for multi-disciplinary collaboration, thus, he has been working with other scholars from different discipline within the University and other institutions locally and internationally. He is a Fellow of the Nigeria Academy of Science; Fellow, Royal Society of Biology, London;



Leadership for Environment & Development Fellow; Fellow, Linnaean Society of London; Fellow, Institute of Security; Fellow Institute of Corporate & Business Affairs Management, Nigeria; and National President, Botanical Society of Nigeria.

He was one-time Head, Department of Botany where he introduced sweeping reforms at the Department. As Sub-Dean, Faculty of Science he began the computerization of students' results and also attracted collaboration from multinational corporations. He later became the Dean, School of Postgraduate Studies where he attracted a lot of town-gown relationships and led the computerization of the entire process in the School. He was also the Director Academic Planning Unit and in 2016 was appointed the Deputy Vice-Chancellor (Academics & Research). Professor Ogundipe is currently the Vice-Chancellor of the University. Since taking over on November 12, 2017, there has been a renaissance in demand driven research in the University and town-gown relationship is being renewed.

Professor Ogundipe has contributed to the society in many ways. He is currently the Chairman, Lagos State Science, Research and Innovation Council (LASRIC); he was a member of the Technical Committee on Collation, Compilation and Documentation of Research Work and Findings on Traditional Medicine Practice, Products, Medicinal Plants and Remedies in Nigeria. He was member, Ministry of The Environment, Lagos State Government, Tree Planting Committee and Natural Medicine Development Agency. Professor Ogundipe was also a Council Member International Plant Morphologist and Coordinator, NetTel@Africa (NetTel) Academic Programme.

Professor Oluwole B. Familoni, *FICCON, FCSN, MIPAN, FRSC, C. Chem, FAS*

DEPUTY VICE-CHANCELLOR (ACADEMIC AND RESEARCH)

Professor Familoni, a Professor of Chemistry, obtained his B.Sc. Special Honours in Chemistry in the Second-Class Upper Division; M.Phil. in Chemistry and Ph.D. in Organic Chemistry at the University of Lagos in 1990. He was appointed Lecturer II, rose through the rank and became a full Professor in 2004. A distinguished academic and researcher, he is a member of distinguished professional bodies, including, Membership of the Institute of Public Analyst of Nigeria; Chartered Chemist and a Fellow of the Royal Society of Chemistry, London; Fellow of the Chemical Society of Nigeria; Fellow of the Institute of Chartered Chemists of Nigeria; and Fellow of the Nigerian Academy of Science (FAS) where he currently functions as the academic Secretary. His area of specialization - Synthesis of Heterocyclic Compounds with physiological activities and natural product chemistry where he has published extensively. His interest is mainly sulphur containing heterocycles, including [1,2-a]quinoxalinone, thiazolo(4,3-b) quinoxalinone, Isothiazoles, substituted Benzothiazines, Pyridobenzothiadiazines, deoxyjacareubin, Xanthonones, Dibenzo[b,f] oxapinone etc. Recently he has employed the C-H activation in ring closure. In natural products chemistry, he has been active in the isolation of active ingredients and physiological active compounds. The plants he had worked on include: *Buchholzia coriacea*, *Ficus vallis-chouldae* Delile-holl (*Moraceae*), *Datarium microcarpum* Gill-perr. (*Caesapinaceae*), *Lecaniodiscus cupanodes*, *Hymenocardia acadia* Tul. (*Hymenocardiaceae*), *Abrus precatorius*, *Cissus populnea*, *Flabellaria paniculata* Cav., *Morinda lucida*, *Parkia biglobosa* (Jacq) Benth, and *Sesamum radiatum*; among others. He has used these products to explore



remedy to the following: antioxidant and antibacterial activities, herbal medication for male infertility, anti-inflammatory and antinociceptive, gastric ulcer problems to mention but a few. Professor Familoni has managed several research grants including those from the Royal Society of Chemistry for capacity development for equipment technicians using spectrophotometry equipment such as HPLC and GCMS. This funding opportunity has contributed significantly to in-country development of capacity to repair and maintain this sensitive and expensive equipment.

An alumnus of this prestigious University, Prof. Familoni has mentored students at the undergraduate and postgraduate levels with excellence.

ABOUT UNIVERSITY OF LAGOS

Founded in 1962, the University of Lagos, Nigeria (UNILAG) has, for over 5 decades, provided qualitative and research-oriented education to Nigerians and all those who have entered its domain in search of knowledge. The University has three campuses in the nation's commercial capital Lagos, which are; the main campus in Akoka, the School of Radiography in Yaba, and its College of Medicine in Idi-Araba. Its main campus is largely surrounded by the scenic view of the Lagos lagoon on 802 acres of land. The University



offers over 80 undergraduate and 122 postgraduate programmes (PGD, Masters and Ph.D.) spread across twelve faculties and five institutes, namely: Arts, Basic Medical Sciences, Clinical Sciences, Dental Sciences, Education, Engineering, Environmental Sciences, Law, Management Sciences, Pharmacy, Science, and Social Sciences, Distance Learning Institute (DLI), Confucius Institute, Institute of Maritime Studies, Institute of Continuing Education and Institute of African & Diaspora Studies (IADS). Many of the academic programmes have been broken into focused areas of specialisation for the award of degrees and skills acquisition.

UNILAG is keen on providing an enabling environment for learning (education), research, innovation and collaboration with the industry and relevant stakeholders for utilization and diffusion of translational knowledge. Research in UNILAG is conducted at the basic and translational levels where impact to society, country and the global landscape are prioritized. Our graduates are part of a global network of leaders, creators, artists, innovators and academics that continue to leave their positive imprints in sustainable human endeavours.

There are nineteen (19) research centres and research groups that form the unique entities for research and development. These include: Centre for Business Law & Policy (CBLP), Centre for African Regional Integration & Borderland Studies; TETFund Centre of Excellence for Biodiversity Conservation and Ecosystem Management (TCEBCEM); Centre for Environmental Human Resource Development (CENHURD); Centre for Housing & Sustainable Development (CHSD); Centre for Entrepreneurship & Skills Development; Centre for Autism & Neuro Developmental Disorders (CANDO); Centre for Human & Zoonotic Virology (CHAZVY); TETFund Centre of Excellence for Urology & Kidney Research & Training (TCEUKRT); Centre for Genomics of Non-Communicable Diseases & Personalised

Health Care (CGNPH); Centre for Infection Control and Patient Safety (CICAPS); Centre for Multi-modal Transport Studies (CMTS) and Centre for Economic Policy Analysis & Research (CEPAR). In recognition of the capacity, strength, and impact of our research entities, continental and global bodies have designated some Centres as Centres of Excellence. The African Universities Research Alliance (ARUA) that was established by sixteen top ranking universities in Africa recognized the Centre for Housing Studies as the ARUA Centre of Excellence for the Centre Sustainable Cities as well as the ARUA Centre of Excellence for Entrepreneurship and Youth Employment. UNILAG



Is one of the founding ARUA Universities. Similarly, UNILAG is also host to two World Bank funded Centres of Excellence: Centre of Excellence for Cinematography and African Center of Excellence for Drug Research, Herbal Medicine Developmental Regulatory Science (ACEDHARS) as a Centre of Excellence. This Centre has also been designed by the World Health Organisation (WHO) as the Malaria Rapid Diagnosis (RDT) Lot Verification facility to ensure the quality of malaria RDTs in Nigeria.

In pursuit of UNILAG's goal of impacting humanity and meeting the country's research, development and innovation needs across sectors, the Research and Innovation Office was established and this now serves as the platform for a well-coordinated intra and multidisciplinary projects and programmes that contributes to the country's economy and the promotion of prosperity. This office continues to expand the frontiers of research among faculty members, students and sponsors in several funded projects such as: The National Institute of Health, Google, European Government of Nigeria, Capacity Building Initiative of The Royal Society – DFID project, Volkswagen Foundation etc. Currently, UNILAG is also making great impact in the following research and development area: Future Electric Power Systems; Renewable Energy; Translational Science in Health; Nanotechnology; Genomics of Non-Communicable Diseases; Coastal Resilience; Neurodegenerative Disorders and Stroke, Cyber security, Information Assurance, Forensic Diagnostics & Telecommunications; Multimodal Transportation & Management, Green Technologies; Child and Adolescent Growth; Peace Building; HIV/AIDS, Artificial Intelligence; Innovative pedagogy; Atmospheric monitoring system; Environmental & Social Safeguards; Procurement Studies among others. These researches are calibrated in positioning UNILAG as an active player in the fourth industrial revolution.

BACKGROUND TO 2019 – 2021 ANNUAL REPORT

About the Research & Innovation Office

The Office of Research & Innovation (R&I) under the Office of the Deputy Vice-Chancellor (Academics & Research) was established in 2013 to leapfrog university research and has been expanding in capacity and staff strength. This Office was set up in recognition of the importance of research and innovation. The Office was established to promote multidisciplinary research, manage funded research using unique and innovative approaches in line with international best practices and accelerate the alignment of education, research, innovation and linkages with the industry

MESSAGE FROM THE DIRECTOR

Greetings from the Research & Innovation Office. Together we have accomplished so much, and I am happy to announce that it has been a successful journey for us in terms of attracting research grants and building research networks. The University of Lagos (UNILAG) had a successful bid for World Bank Centre of Excellence for Drug Research, Herbal Medicine Development and Regulatory Science. UNILAG also won two separate UKRI grants for capacity building activities at the ARUA Centre for Urbanisation and Habitable Cities, and the ARUA Centre for Unemployment and Skills Development in Africa. We also recorded a remarkably excellent performance in the high number of concept notes sent to TETFUND for funding. It is on record that three thousand (3000) concept notes were submitted to TETFund in 2019 and Four Hundred and Five (405) concept notes were shortlisted to advance to the next stage- this is an unprecedented result. Forty-One (41) full proposals were submitted successfully and fourteen (14) of them were awarded National Research Fund (NRF) grants. In 2020, COVID-19 disrupted research activities, however, a total of one hundred and sixty-five (165) concept notes (hard copies) were submitted and some of the faculty members submitted through the online portal. Fifty (50) concept notes were approved for the next stage. The University was informed that sixteen (16) of the full proposals were given National Research Fund (NRF) grants in 2020. During this period, many advances and changes took place in the University, and the Research Office was not left out. With the appointment of new Directors into various Units and Offices, I resumed as Director of Research & Innovation Office in August, 2019. We are working and have identified ways and strategies for enabling the research office to serve the University community better, considering the evolving and nascent nature of research administration in our academic clime. There are nineteen (19) research centres, three (3) research institutes and more than fifty (50) research groups/clusters. We hosted more than ten trainings/workshops. The Office has also been successfully separated into Research Management Office and Innovation & Technology Transfer Office. In May 2021, the University approved the Research Administrator Cadre for those who had earlier been trained in research administration. Five members of staff

into a seamless and dynamic ecosystem in delivering her mandate. Composed mostly by academics, at this time, the model, which is unique to the University of Lagos, is designed to advance the research processes through peer-to-peer engagements. Our Mission and Vision statements drive our activities so as to attain our strategic outputs. Essentially, we galvanize faculty members and research students to develop their ideas into research queries and profound research thinking for application and problem solving.



attended the WARIMA conference held November 25 – 29, 2021 were four of them presented highly acclaimed papers. I am very excited about the progress that 2020 brought with your continued research endeavours, and our unrelenting support; especially in pre- and post-award administration. We shall continue to provide opportunities for deeper engagement with industries, international research institutions, and build capacity of our early career researchers. In the coming year, we intend to work more with our Faculty Adjuncts to bring you funding opportunities and activate them. We shall also facilitate and support research activities at the Research Centers. Our website is currently undergoing major changes, as we intend to make it more interesting, resourceful, and informative. We are happy to bring you a good mix of requests for grant applications for 2019- 2021. Please read through and contact us as soon as convenient. As always, we, at R&I, are happy to support your application process. We are available as promised at our Office Mon-Fri.

SECTION ONE BACKGROUND TO 2019 – 2021 REPORT

BACKGROUND TO 2019 – 2021 REPORT

ACTIVITIES AND OPERATIONS OF THE RESEARCH & INNOVATION OFFICE

The R&I Office intensified efforts to reach out to industry partners for research collaboration as well as to negotiate and facilitate rapid uptake of research output that had relevance for industrial uses. In addition, the Office explored opportunities to work with industry towards technology solutions (understanding industry challenges and proffering

solutions through quality research) as well as ensuring quality assurance and standards. Some of the Industries R&I Office interfaced with included AXA Masard, Manufacturers Association of Nigeria, FoodConvey Business Limited and Federal Institute of Industrial Research, Oshodi (FIIRO).

2.0 About the Research and Innovation Office

The Research Office provides support for proposal development including packaging of proposals, draft development, constituting multi-disciplinary groups to respond to calls, providing support with budgeting and/or budget justification, and providing support with setting up online profile for electronic support of the online submission process. Since the development of the governance in 2016, structures which enabled

proper coordination of proposal lifecycle, from searching and identifying a fundable project to obtaining institutional authorization and supporting documents to apply for it were developed. The Office has provided support for the submission of over 700 research proposals for individual faculty members and groups in the period under review.

2.1 Capacity Building and Training

The Research & Innovation Office has always hosted different boot camps, seminars, workshops and trainings to help deepen grantsmanship culture research activities in the University. The Office has held the following capacity building programmes in the University:

1. Research Administration Training	April 26 – 29, 2021	Unilag Consult Limited
2. Research Grant Writing & Innovation Boot Camp	June 15 – 16, 2021	Senate Chambers
3. TETFund Monitoring Team Visit	July 7, 2021	Research & Innovation Office
4. Grant Writing & Innovation Workshop (Series II)	September 2, 9, 28 & 29, 2021	Tayo Aderinokun Hall
5. Lagos State Research & Innovation Council Visit	October 21, 2021	Senate Chambers

2.1.1 Implementation of Research Management Office and Innovation & Technology Management Office

The Research & Innovation Office submitted a proposal for the delineation of the Research and Innovation Office with a view to reinforce research activities and enrich the innovation landscape in Nigeria. The University Governing Council at its meeting held on May 28, 2021 approved the establishment of the Research Management Office and Innovation & Technology Management Office. With the

separation of the offices, research activities would be the central focus of the former while innovative solutions and inventions would be vigorously pursued by the latter. In the same vein, the University Governing Council approved the Research Administrators cadre in the University to bring in administrative officers to manage, administer, follow up and strengthen research activities, processes, management,

documentation and reporting. The Office has successfully trained fifteen administrative officers based on the number of applicants and nominees who indicated interest to the advertisement placed on all relevant platforms of the University of Lagos. It should be noted that fifteen (15) members of staff of the University were trained on research administration.

2.1.2 Development of More Relevant Policy Documents

The R & I Office worked (and is currently working) on the development of more policy documents to ensure efficient research governance and meet funders requirements for due-diligence. These documents include:

1. Human participant protection in research
2. Animal ethics policy
3. Responsible conduct of research
4. Conflict of interest guidance.
5. Health, security, safety and environment manual

6. Bio-, chemical-, nuclear and safety manual
7. Research grant management operational manual for research grant administration and management
8. Guidelines for research groups/clusters, Centres and Institutes.
9. Postdoctoral mentorship plan
10. Guidelines for hiring and remuneration of research/project assistants
11. Guidelines for data management, protection and storage
12. Guidelines for cataloguing, maintenance, disposal and trade-off of research equipment
13. Guidelines for awards to researchers and research groups, centres and institutes.
14. Guidelines for collaborating with the industry on research and development
15. Guidelines for the reward scheme for exceptional scholars.

2.2. University of Lagos Research-A-Thon

The Office organized this event (Wednesday 10th July 2019 at Jelili Omotola Multi-purpose Hall B) to stimulate consciousness about research and development among academic members of staff as well as provide a platform for networking with industry for R&D purposes. Business cases for faculty research in

the academia were also shared by some invited guests from the industry. Other objectives of the Research-A-Thon included the unveiling of the UKRI-GCRF ARUA Research Excellence, UKRI-GCRF Research Clusters, TETFUND and other opportunities to access research funding.

2.3 Summary of Two TETFund Sponsored Research Projects in the University

Overviews of two defining projects sponsored by Tertiary Education Trust Fund (TETFund) and executed by the Acha and LUCCE Project Groups of the University of Lagos are presented herein.

2.3.1 The Acha Project titled “Marker assisted selection for drought tolerance”:

A case for the underutilized “grain of life” food crop Fonio: *Digitaria exilis* (Kippist) and *Digitaria iburua* (Stapf) in Nigeria was executed by the team of Dr. Adebayo Liasu Ogunkanmi (Associate Professor/Principal Researcher), Prof. Oluwatoyin Temitayo Ogundipe, Prof. Muellner-Riehl Alexandra, Prof. Dangana Suleiman Abdul, Dr. Temitope Olabisi Onuminya and Dr. Chibuzor Andrew Iloh.

Cereal crop output and productivity growth rates have been particularly low in sub-Saharan Africa over the last three decades. Despite the great potential of Nigeria in cereal production, the frequent occurrence of drought occasioned by erratic rainfall distribution and cessation of rain during the growing season is the greatest hindrance to increased production. This is more serious in the northern part of the country where most of the cereals are produced. Fonio (Acha; orphan or neglected and underutilized crops) is one of the oldest African cereal crops and has been categorized among the lost crops of Africa. Fonio is of two species, *Digitaria exilis* and *Digitaria iburua*, and are known to be one of the most nutritious of all grains. Fonio is extremely tolerant of high rainfall at matured stage, but not on the whole of excessive dryness which is one of the limiting factors to improved production. Production constraints vary greatly across growing areas. The vulnerability of Fonio to drought has facilitated the necessity to identify drought-resistant varieties with better yield and develop efficient tools that are required to boost the current crop improvement programs. The Acha Project was therefore conducted to develop improved varieties of Fonio that can withstand drought and identify loci responsible for drought resistance. Methodological outlay

involved collection, identification, screening, breeding and aggregation of some datasets to generate integrated results for the choice of drought resistant parents, molecular markers and associated drought traits in Fonio. Collection of Fonio germplasm was done across the three Northern regions of Nigeria (Niger, Kaduna, Plateau, Bauchi and Nasarawa States) to produce a compendium, along with interaction with Fonio farmers to have a clear understanding on other challenges encountered over the years. Identified drought-tolerant cultivars were subjected to physiological and biochemical screening methods to ascertain the contributory effects of different physiological indices, as well as the roles played by different biochemical markers used in drought study. Seventy-five Fonio germplasm (39 *Digitaria exilis* and 36 *Digitaria iburua*) were collected from the five States visited showing diversity in the study location. Plateau State recorded the highest collection of samples (33), followed by Bauchi State (18). It was revealed that the low pricing of Fonio is one of the major reasons for decline in cultivation interest and the younger generation loose interest because of identification problems from other Poaceae family; hence unintentional weeding. After 40 days of drought stress and re-introduction of water, only 6 genotypes (P19, P21, P22, P23, P25 and P29) were able to recover from wilting. All the 6 genotypes exhibited loss of lower leaves, had continual growth with green leaves and developed new leaves throughout the stress period. The drought resistant cultivars have longer primary and lateral root lengths that are significantly different from other susceptible cultivars. On the whole, the study discovered three parent lines (P25, P22 and P23) in Fonio which could be recommended to breeders and farmers. This study has been able to establish strong association between root length and drought tolerance in Fonio cultivars. This Acha Project represents the first work on Fonio molecular breeding that produced SSR-based QTL linkage map that would provide a means to breeders for crop improvement in Fonio breeding program and the first in Nigeria to establish Fonio germplasm conservation in 4 different repositories in Nigeria.

2.3.2 The “Landuse change and carbon emissions in SW Nigeria Project (LUCCE)”

The research project was implemented by the team of Dr. Mayowa Fasona (Principal Researcher), Prof. Alabi Soneye, Prof. Oluwatoyin Ogundipe, Prof. Ademola Omojola and Dr. Peter Adeonipekun.

Carbon in the form of CO₂ gas released into the atmosphere has effect on climate change and biosequestration of carbon in tackling climate change involves reducing emissions from ecosystems. Deforestation and forest and woodland degradation has significant impact on biosequestration. Land based mitigation, including reducing deforestation, promoting afforestation, and protecting forested and woodland areas present viable mechanism for offsetting the carbon deficit with potentials for substantial international climate investment. Accurate quantification of carbon emission and the associated benefit potentials require good knowledge of drivers of land-use and land-cover change (LULC) changes and how they play out across space. In Nigeria, there is poor documentation of the status and changes in LULC, and natural resources managers lack basic spatial inventory data on the trend and magnitude of LULC changes. These, together with the challenge of inventory and measurement of LULC in terms of the whole stand carbon impede

Nigeria's ability to actively participate in global land-management tied financing mechanisms. SW Nigeria is one of the most biodiverse regions of Nigeria consisting of both the forest and savanna landscapes. About 15-16% of the total land area is covered by forest reserves and protected areas. However, land-use change is rapid, and deforestation is high. Decline in forest has significant impact for the volume of plant biomass and carbon sequestration capacity. The LUCCE Project was conducted to investigate the drivers of land changes and the relationship between LULC change and carbon emission to provide needed data and recommend strategies for reducing land-use and land-use change-driven carbon emissions. Execution framework involved physical and social field data collection, processing and analysis, resulting in outputs including synthesis of drivers of deforestation, and LUCC, above ground biomass and carbon stock estimation. Also, spatial data collation, processing and analysis, with outputs including static land-use and cover (LUC), trends in LUCC, future LUCC and modelled baseline biomass and LUCC-driven carbon emissions. In respect of research outcomes/contributions to knowledge and national development, the LUCCE Project established current and comprehensive baseline data on trends and pattern of land-use and land-cover change and deforestation in SW Nigeria; generated the total area under reservation/protection in each of the 6 States and established that reserved area has not significantly increased since independence; established that population increase and poverty are the most significant underlying drivers of deforestation and land-use change, while lumbering and polewood extraction, fuelwood and charcoal production, crop cultivation, urban growth, animal grazing and transportation are the most important proximate drivers; projected a future increase in the coverage of urban area, plantation, grassland, and bare surface, and significant decline in area covered by forest, woodland and agricultural lands; deepened understanding of the vegetation of SW Nigeria by documenting the dominant forest and savanna wood species, with their mean density, basal area/dominance, and species diversity and importance; established that the total savanna woodland biomass was higher than that for lowland forest, and clusters of high biomass value forests and woodlands were discovered, with aboveground tree contributing the highest biomass in both cases; affirmed that C stock estimate of the aboveground pool was higher than the below ground pool for both forest and savanna woodland, and total C stock in the forest was higher than that for savanna woodland etc.

NATIONAL & INTERNATIONAL GRANTS IN 2019

S/N	Name of Principal Investigator	Department	Title	Grant Awarded	Awarding Body
FACULTY OF ARTS					
1.	Prof. Tunde OPE-DAVIES	English/Arts	Technology, Politics and Society: A Big Data Approach to the Study of New Media Usage in Nigerian Democracy.	N 20,091,561.00	TETFUND (NRF)
FACULTY OF BASIC MEDICAL SCIENCES					
1.	Prof. Niyi OSUNTOKI	Biochemistry	Scaling up a Neonatal Intervention Bundle in Malawi, Kenya, Tanzania and Nigeria	\$380,258.21	William Rice University/ NEST360
1.	Prof. Olubunmi MAGBAGBEOLA	Biochemistry	Genetic Variants and Epigenetics Fingerprinting of Prostate Cancer in Nigerians for Detection of New Diagnostic Markers and Precision Drug Target	N 45,000,000.00	TETFUND (NRF)
2.	Dr. H.S.A. OLASORE	Biochemistry	Dopamine D2 Receptor Gene Polymorphisms and Hyperprolactinemia- Implications for Endocrine and Metabolic Disorders among Schizophrenics taking Typical and Atypical Antipsychotics	N2,994,663.75	CRC
3.	Dr. Solomon Chiekezi NWANERI	Biomedical Engineering	Design and Construction of Smart infant apnoea monitor	N1, 472,800.00 and \$2,820.00	Building Research and Innovation in Nigeria's Science (BRAINS)
4.	Prof. Ogunsola, F.T	Medical, Microbiology & Parasitology	Basic and Intermediate IPC Training Programme	\$34,982	TEPHENE T
5.	Prof. Ogunsola, F.T	Medical, Microbiology & Parasitology	Northwestern/Nigeria Research Training Program in HIV and Malignancies (NN-HAM).	\$250,152.00 45,000.00?	NIH /Northwestern University
6.	Prof. Oluyemi AKINLOYE	Medical Lab. Science	Exploring Genomic Signature of Prostate Carcinoma from Circulating Tumour Cells.	N 37,500,000.00	TETFUND (NRF)

7.	Dr. Rita Oladele	Medical Microbiology & Parasitological	Ascertaining the burden of histoplasmosis in nigeria	\$75,349.08	GILEAD Scientist
8.	Dr. Ahmed Oloyo	Physiology	Oxygen Sensing Mechanism(S) in Fetal Programming of Salt-Sensitive Hypertension	\$586,846 / \$488,108	NIH/Fogarty International Center.
9.	Dr. Ahmed Kolade OLOYO	Physiology	Predictability of Salt-Sensitive Hypertension in the Young-Adult Normotensive Nigerian Population - Role of Blood Pressure Variability (BPV) and Inflammation.	N 37.313,210.00	TETFUND (NRF)
10	Prof. Oluyemi Akinloye	Medical Laboratory Science	Planning for Bioinformatics and Molecular Biology Hands-on Training and Capacity Development for Research in Genomics of Non-Communicable Diseases in Nigeria (Dry-Lab and Wet-Lab Summer School)	\$49,680	NIH/Fogarty International Center
11	Dr. Abidemi J. Akindele	Pharmacology, Therapeutics & Toxicology	Generating policy briefs on NASAC (Network of African Science Academies) report on "Opportunities and Challenges for Research on Food and Nutrition Security and Agriculture in Africa" and IAP (InterAcademy Partnership) report on "Opportunities for Future Research and Innovation on Food and Nutrition Security and Agriculture".	USD 8,200	Inter Academy Partnership (IAP)
12	Prof. E.O. Agbaje	Pharm. Ther & Toxicology Pharmaceutical Chemistry	Evaluation of Neuroprotective Action of Nymphaea Lotus Linn (Nymphaeaceae) Extract in Kaininic Acid –Induced Temporal Epilepsy	N2,994,663.75	CRC
FACULTY OF CLINICAL SCIENCES					
1.	Dr. Adedoyin Ogunyemi	Community Health & Primary Care	Ideas phase 2: measurement for better maternal & newborn health	\$104,884.60	London School Of Hygiene and

					Tropical Medicine
2.	Prof N.U Okubadejo	Medicine	Parkinson's Disease in Africa: Developing a Clinically Characterised DNA Resource for Genome-Wide Association (GWAS) and other Collaborative Genetic Studies."	\$120,000	University College, London
3.	Prof. Mbakwem, Amara	Medicine	Building Primary Care Physician's Capacity in the Management of Heart Failure in Nigeria: A pilot Multi prompt program	\$59,886.62	Pfizer Grant
4.	Prof. Njideka U. OKUBADEJO	Medicine	Nationwide Study of Environmental Risk Factors and Candidate Gene-Environment Interactions in Neurodegenerative Disorders in Nigeria.	N 38,885,048.00	TETFUND (NRF)
5.	Prof. Bosede Bukola AFOLABI	Obstetrics & Gynaecology	Low Dose Aspirin for Preventing Intrauterine Growth Restriction and Preeclampsia in Sick Cell Pregnancy (PIP-SICKLE): A Randomised Controlled Trial.	N 38,500,000.00	TETFUND (NRF)
6.	Prof Bosede B Afolabi	Obstetrics & Gynaecology	Preparedness and response to COVID-19: a global survey of maternal care providers – In-depth case study of large referral maternity wards in four countries in sub-Saharan Africa.	€6,600	The Institute of Tropical Medicine, Belgium.
7.	Prof. Veronica C. Ezeaka	Paediatrics	Newborn Essential Solutions and Technologies (Nest 360) Programme Nigeria	\$110,210.68	William Rice University/ NEST360
8.	Dr. B. Ezenwa	Paediatrics	The Role of Erythropoitin and Magnesium Sulfate in Hypoxi Ischhaemic Encephathy: Hope for the Perinatally Asphyxiated the Resource Constrained Settings?	N2,561,107.50	CRC
9.	Dr. Ashiyat Kehinde Akodu	Physiotherapy	A Smart Phone Application For Preventing Musculoskeletal Conditions Among	N 3,158,000.00	Fogarty International centre (FIC)/ NIH / BRAINS

			Undergraduates With Smart Phone Addiction.		1D43TW0 10134-01
10	Dr. Adesoji Ademuyiwa	Surgery	NIHR global health research unit on global surgery	£104,442.48	University of Birmingham
11	Dr. Adesoji Ademuyiwa	Surgery	Pragmatic, multicentre randomised controlled trial testing measures to reduce surgical site infection in low and middle income countries" - 16/136/79; National Institute of Health Research Grant. (College of Medicine University of Lagos has a sub-grant of £100,000 per year x2 years as the HUB Centre for Nigeria).	£7,000,000	NIHR Grant
12	Dr. Kehinde Okunade	Surgery Obstetrics & Gynaecology	Extending reach of Digital Technologies to Advance Palliative Cancer care delivery in Low and Middle Income Setting	\$37,159.00	University Of Leeds
FACULTY OF DENTAL SCIENCES					
1.	Dr. O.O Oregunuga	Paediatric Dentistry	Oral Health Status and its Relationship with Oral Health Quality Life, Academic Ability and Body Mass Index among Children in Lagos State.	N2,590,385.00	CRC
2.	Dr. B.O Akinboboye	Restorative Dentistry	Is Denture Plague a risk for respiratory pneumonia in older people?	₦2,949,650.00	CRC
FACULTY OF EDUCATION					
1.	Prof. Duro A. AJEYALEMI	Science & Tech./ Education	Evaluation of the Joint Universities Preliminary Examinations Board (JUPEB) Programme and its Impacts on University Education in Nigeria.	₦34,497,370.00	TETFUND (NRF)
FACULTY OF ENGINEERING					
1.	Dr. James Akanmu	Civil & Environmental Engineering	Centre for Sustainable Procurement, Environmental and Social Standards Enhancement (SPESSE)	USD \$11,000,000.00	World Bank
2.	Dr. Abiodun Gbenga-Ilori	Electrical and Electronic Engineering	Development of a smart repeater cell for rural	₦14,465,300.00	Nigerian Communications

			broadband penetration in Nigeria.		Commission
3.	Prof. David E. Esezobor	Metallurgical & Material Engineering	Harnessing Nigerian Titanium dioxide Ores for Industrial Applications	₦6,500,000.00	Federal Ministry of Mines & Solid Minerals
FACULTY OF ENVIRONMENTAL SCIENCES					
1.	Prof. Taibat Lawanson	Urban and Regional Planning	Strategy Development for the Lagos Resilience Strategy.	₦24,961,920.00	Rockefeller Philanthropy Advisors
2.	Dr. Basirat Oyalowo	Urban and Regional Planning	Strengthening Neighbourhood Level Research Capacities for Sustainable Communities in fast growing Nigerian Cities.	£22,030.00	GCRF/ UKRI SHLC-The Centre for Sustainable Healthy and Learning Cities and Neighbourhoods.
3.	Iniobong John	Quantity Surveying	Informal economy and sustainable competitiveness of artisans in the construction industry in Nigeria	₦2,130,000.00	Kaiser Foundation for Social Development
FACULTY OF PHARMACY					
1.	Prof Kemi Odukoya	Pharmacognosy	Africa Centre of Excellence for Drug Research, Herbal Medicine Development and Regulatory Science.	USD \$6,000,000.00	World Bank.
2.	Dr. Abdulwasiiu A. Busari;	Pharmacology	Open label, randomized controlled trial of the safety and efficacy of hydroxychloroquine, chloroquine phosphate and lopinavir-ritonavir for the treatment of persons infected with 2019 Coronavirus Disease in Nigeria;	₦10,000,000.	National Institute of Medical Research Grant
3.	Dr. Chinwe S. ALARIBE	Pharmacy	Modulatory Potentials of some Lead Agents from Natural Products on Hedgehog Signalling Activation in Chronic Myeloid Leukaemia (CML).	₦14,000,000.00	TETFUND (NRF)

FACULTY OF SCIENCE					
1.	Dr. Adekanmbi Helen	Botany	Palynological Investigation of Criminal Cases in Lagos State and Surrounding Communities	N1,999,000	TETFUND (IBR)
2.	Dr. Temitope Olabisi ONUMINYA	Botany	DNA Banking and Barcoding of Endangered Tree Species in Nigeria.	N 27,008,875.00	TETFUND (NRF)
3.	Prof. Olumide Adenuga	Chemistry	Societal value of quality low-cost urban air monitoring in low resource environments (SQUARE)	£6,000.	GCRF/ University of Manchester
4.	Dr. Felicia Ndidi Ejiah	Chemistry	Synthesis, Characterization, Anti-proliferative, Biochemical and Mechanistic Studies of Some Metal Complexes	\$29,125.00	Institute of International Education IIE (Fulbright Scholarship)
5.	Prof. Matthew Olusoji ILORI	Microbiology	Prospecting for Phosphate Solubilizing, Nitrogen Fixing and Toxicant Sequestering Bacteria as Bio-Fertilizer for Enhancing Soil Fertility and Crop Production.	N 36,219,224.00	TETFUND (NRF)
6.	Dr. S.A Adebuseye	Microbiology	Metagenomics and Aerobic Metabolism of Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans (PCDD/Fs) in Contaminated Soils.	N2,809,788.00	CRC
7.	Dr. Olanike Maria Buraimoh	Microbiology	Sustainable Microbial Production of Biochemicals from Plant Biomass Wastes by Tropical Estuarine Bacterial Species	Over 8000 Euros	TWAS-DFG
8.	Prof. Elijah O. OYEYEMI	Physics/Sciences	Space Weather Study over Nigeria, Its Impacts on Communication and Navigation	N 15,035,000.00	TETFUND (NRF)
9.	Dr. A. M. Odukoya	Geosciences	Prevalence of Goitre and possible cause(s) in some parts of Coastal Areas in Lagos, Southwest Nigeria.	N 2,992,307.50	CRC

10	Dr. Temitope O. Shogbamu	Zoology	Capacity Building and Establishment of a Community of Practice for Researchers and Policymakers on Evidenced Use in Environmental Policymaking	\$20,000.00	African Institute for Development Policy (AFIDEP)
FACULTY OF SOCIAL SCIENCES					
1.	Prof. Risikat O. S. Dauda	Economics	"Inflations Expectations Survey"	₦2,000,000.00	Financial Derivatives Company Limited
2.	Dr. Oludiran AKINLEYE	Economics/ Social Sciences	Learning from Regional History- A case study of Nigeria's Economic Development.	₦18,323,307.00	TETFUND (NRF)
3.	Dr. Ernest S. ODIOR -	Economics/Social Sciences	Distributional Effects of Capital Flight on Macroeconomic Performance and Poverty in Nigeria (2016-2030): Policy Analysis in SSGE.	₦8,000,000.00	TETFUND (NRF)
4.	Dr. M.O.N Kunnuji	Sociology	Social and Psychological Costs of Intimate Partner Violence among Men and Women in Marital Unions in Lagos State	N2,707,201.00	CRC
5.	Dr. John Lekan OYEFARA	Sociology/Social Sciences	Irregular Migration and the New Global Slave-Market: An Interventional Study of Nigeria's Challenges of Combating Human-Trafficking and Re-Integrating Irregular Returnees/Deportees	₦48,873,000.00	TETFUND (NRF)
RESEARCH CENTRE & INSTITUTES					
1.	Prof. Timothy Olugbenga Nubi	Centre for Housing Studies	ARUA Centre of Excellence for Urbanization and Habitable Cities.	£609,772.62	UK Research & Innovation- Global Challenge Research Fund (GRCF)
2.	Professor 'Tunde Ope-Davies	Centre For Digital Humanities	Construction of Corpus of Nigeria New Media Discourse in English (CONNMDE) - Project equipment grants funded by Alexander von	€ 19, 920, 00	Humboldt Foundation

			Humboldt Foundation, Germany		
3.	Dr. Sunday Adebisi	Entrepreneurship Skills Development Centre	ARUA Centre of Excellence for Unemployment and Skills Development	£600,000.00	UK Research & Innovation- Global Challenge Research Fund (GRCF)
4.	Dr. Eesuola Olukayode Segun	Institute of African & Diaspora Studies	Ifa and Popular Culture Brandings in Benin Republic and Nigeria: An Interventionist Exercise towards Exploring Africa Indigenous Knowledge for African Governance.	N2,962,904.49	CRC

NATIONAL & INTERNATIONAL GRANTS IN 2020

S/N	NAME OF PRINCIPAL INVESTIGATOR	DEPT/CENTRE	PROJECT TITLE	GRANT AWARDED	AWARDING BODY
FACULTY OF ARTS					
1.	Prof. Orimoogunje, Oladele Caleb	Linguistics, African and Asian Studies/Arts	A Collection and Analysis of Fifty Indigenous Healthcare Delivery Verses from Minor Odu in Ifa Corpus	24,000,000.00	TETFUND (NRF)
2.	Dr. Oni, Peter Isaiah	Philosophy/Arts	Beyond the Art: Understanding interethnic relations and national integration through scarification and body marks	14,500,000.00	TETFUND (NRF)
3.	Prof. Akinyeye, Abayomi Olajompo	History and Strategic Studies/Arts	Popular and External Supports for Insurgency and Counter Insurgency in Post-Cold War Sahel Region of Africa	12,750,000.00	TETFUND (NRF)
4.	Prof. Oladiipo Ajiboye	Linguistics, African and Asian Studies	Indigenous Advertising Processes in various Yoruba Speech Communities	\$250 + 2,204,020 Naira	CRC
FACULTY OF BASIC MEDICAL SCIENCES					
1.	Prof. Folasade Ogunsola	Medical Microbiology & Parasitology	Improving Antimicrobial Resistance (AMR) Prevention and Control in West Africa	\$100,000	TEPHINET
2.	Dr. Salu, Olumuyiwa Babalola	Medical Microbiology & Parasitology/ basic medical Sciences	Exploration of MarineBacterial Community Genomics in Nigerian Coastal Waters for Prospective Novel Drugs and Biopharmaceutics	39,442,001:00	TETFUND (NRF)
3.	Dr. Abidemi J. Akindele	Pharmacology, Therapeutics & Toxicology	Evaluation of anxiolytic and antidepressant activities of selected Nigerian medicinal plants on the central nervous system in rodents using a bioactivity guided fractionation approach.	₦2,949,650.00	CRC
4.	Dr. F.O. Awobajo	Physiology	An Assessment of Level of Microbial, Xenobiotic and Heavy Metals Pollution in the Surface and Ground Waters Across the Three Senatorial Districts in Lagos State and in Specific Industrial Areas	2,500,000:00	LASRIC
5.	Prof. Iranloye, Bolanle	Physiology/ Basic Medical Sciences	Genomic Profiling of Polycystic Ovary Syndrome (PCOS) in Nigeria Patients for Improved Prognosis, Precision and Personalised Management	40,800,000.00	TETFUND (NRF)
6.	Dr. Anigbogu, Chikodi Nnanyelu	Physiology/Basic medical Sciences Prevention	Covid-19: Cardiovascular, Respiratory, Metabolic Functions and Stress in Subjects using Various Face Masks in Corona Virus and Covid-19	14,559,998.00	TETFUND (NRF)
FACULTY OF CLINICAL SCIENCES					
1.	P.I: Prof. Bosede Afolabi Co-Investigator: Dr. Mobolanle.R. Balogun	Clinical Sciences	Intravenous versus oral iron for iron deficiency anemia in pregnant Nigerian women (IVON)	\$2,518,475	Bill and Melinda Gates

2.	Dr. Alero Ann Roberts	Community Health & Primary Care	Household Food Security and The Effect on The Nutritional Status of Children Under-Five in Three Selected Communities In Lagos State	NGN752,290.35	TETFUND (IBR)
3.	Dr. Mobolanle.R. Balogun	Community Health and Primary Care	Developing a newborn infection prevention and control (NB-IPC) curriculum for community health officers (CHOS) in training in Nigeria: A pilot of video teaching in a selected school in the southwest zone with scaling potential"; Consortium of Universities for Global Health Dr. Thomas Hall Global Health Education Grant	\$5000.	
4.	Dr. Olusola Olowoselu	Haematology & Blood Transfusion	Sickle Cell Transplant Evaluation of Long-term and late effect Registry (STELLAR)	Not determined	Children's Healthcare of Atlanta, Inc
5.	Dr. Ogbenna	Haematology & Blood Transfusion	Palliative Care Training	\$6,000	Northwestern University
6.	Prof. Chinyere Ezeaka	Paediatrics	Develop and Implement NEST Clinical and Technical Programs	\$308,176	William Marsh University &McArthur Foundation
7.	Prof. Ekanem Ekure	Paediatrics	Transfer of Human Material for Non-Profit Research Purpose	\$22,217.40	Dept of Health and Human Services - NIH
8.	Prof. Adesoji Oludotun ADEMUYIWA	Surgery	Cluster randomised trial of sterile glove and clean instrument change at the time of wound closure to reduce surgical site infection (SSI)	101,656 GBP	National Institute of Health Research, United Kingdom
FACULTY OF DENTAL SCIENCES					
1.	Dr. Isiekwe	Dental Health	Junior Faculty Training in Bioinformatics	\$4,000	Northwestern University
2.	Dr. Abdul-Warith Akinshipo	Oral & Maxillofacial Surgery	Junior Faculty Training in Bioinformatics	\$3,750.00	Northwestern University
FACULTY OF ENGINEERING					
1.	Dr. J. O. Akanmu	Civil & Env. Engineering	ARUA Excellent Grant Project	£127,292	Rhodes University
2.	Dr. J. O. Akanmu	Civil & Env. Engineering	ARUA capability grant ES/TO03731/1		Rhodes University
3.	Dr. Ogedengbe, Emmanuel Olakunle Busayo	Mechanical Engineering/ Engineering	Hybrid Conversion of Renewable Energy Potentials into Energy Carriers with Sustainable Local Content Development for Efficient Charging of Electric Vehicles	37,000,000.00	TETFUND (NRF)
4.	Dr. Ochulor, Ezenwanyi Fidelia	Metallurgical and Materials Engineering/Engineering	Development of Mannequins for Practice and Skills Acquisition in Capacity Building in Clinical Ultrasonography.	25,000,000.00	TETFUND (NRF)
FACULTY OF ENVIRONMENTAL SCIENCES					
1.	Prof. Adenuga Olumide A.	Building	Societal Value of Quality Low-Cost Urban Air Monitoring in Low Resources Environment (Square)	£2,658.55	School of Mechanical Aerospace and Civil Engineering
2.	Dr Agunbiade, Muiyiwa Elijah	Urban & Regional Planning/Environ	Using Hierarchical Spatial Reasoning and GIS to Build	21,456,763.00	TETFUND (NRF)

		mental Sciences Port-Harcourt	Integrated Address Systems: Lagos, Kano and		
FACULTY OF LAW					
1.	Prof. Ayodele Atsenuwa	Faculty of Law	Privacy and Data Protection Compliance Project in Nigeria	\$69,950	Facebook
FACULTY OF PHARMACY					
1.	Dr. Sunday Adeleke Adesegun	Pharmacognosy	Investigating the Phytochemical Potential of Medicinal Plants of South Western Nigeria	£1200.00	The Royal Society
FACULTY OF SCIENCE					
1.	Dr. Aderolu, Zaid Ademola	Marine Sciences/Science	Climate Change, Illegal fishing, and Nigeria's depleting fish stock: Exploring Community Policy Intervention	32,000,000:00	TETFUND (NRF)
2.	Prof. Matthew Ilori	Microbiology	Transformation of an Environmental Menace to wealth: Profiling of Water Hyacinth (<i>Eichhornia crassipes</i> [Mart.] Solms) Biotypes in Lagos State.	3,000,000:00	LASRIC
3.	Prof. Adedotun Adekunle	Botany	Postharvest Application of Chitosan Nanocapsules/Particles Incorporated with Psidium Guajava Oil on the Pathogenesis-Related Genes, Physico-Chemical, Microbial, Sensory and Control of Anthracnose Fruit Rot of Capsicum Frutescens	2,500,000:00	LASRIC
4.	Dr. Adebayo Liasu Ogunkanmi	Cell Biology & Genetics	Towards Self Sufficiency in Beans Production in Lagos State by 2020: Development of Striga Resistant Cowpea (<i>Vigna</i> <i>Unguiculata</i> L. Walp)	2,500,000:00	LASRIC
5.	Dr. Khalid O. Adekoya	Cell Biology & Genetics	Immuno-Informatics Design of an Epitope Peptide Based Vaccine against SARS-CoV-2 Spike Glycoprotein	3,500,000:00	LASRIC
6.	Dr. Khalid Adekoya	Cell Biology and Genetics	Multiplex PCR Potential of 21 Short Tandem Repeats Loci in Five (5) Nigerian Ethnic Groups. CRC NO.2016/10.	₦3 million + \$250	CRC (2016)
7.	Dr. Minari, Bamidele Joseph	Cell Biology and Genetics/Science	Candidate Blockers Identification for RNA- Dependent RNA Polymerase as Potential Drugs for Covid-19	27,725,500.00	TETFUND (NRF)
8.	Dr Temilola Oluseyi	Chemistry	Environmental Finger printing via Digital Technology-a new paradigm in hazard forecasting and early warning systems for health risks in Africa (EDGE-I)	£126,722	GCRF, DIDA/UKRI

9.	Dr Temilola Oluseyi	Chemistry	GCRF_NF98_ Building an Early Warning System for Community-wide infectious disease spread: SARS-CoV-2 tracking in Africa via Environment Fingerprinting	£441,015	GCRF, DIDA/UKRI
10.	Prof. Kehinde Olayinka	Chemistry	Production of Fortified Municipal Solid Waste Derived Compost (MSW-C) for Amending Soil to Improve Nutrient Release and Plant Growth	4,000,000:00	LASRIC
11.	Prof. W.O. Okiei	Chemistry	Development of Hydrogen Peroxide Biosensors for Detecting Post -Harvest Deterioration and Preparation of Chitosan-Derived Materials for Cassava Shelf-Life Elongation	3,000,000:00	LASRIC
12.	Dr. Aderonke Oyeyiola	Chemistry	Determination of Cyclic Volatile Methylsiloxanes (cVMS) in Water, Sediment and Biota: An assessment of Human and Environmental exposure	₦ 1,847,137.00	TETFUND (IBR)
13.	Prof. Ayejuyo, Olusegun Opeyemi	Chemistry/Science	Valorization of post-consumer solid textile wastes and agricultural residues: from environmental chaos to fine chemicals of industrial value	35,000,000.00	TETFUND (NRF)
14.	Dr. Shogbamu O. Temitope	Zoology	Capacity Building and Establishment of a Community Proactive for Researchers and Policymakers on Evidence use in Environmental Policy Making in Nigeria	\$20,000.00	EUEPIN
FACULTY OF SOCIAL SCIENCES					
1.	Dr. Oke, David Mautin	Economics/Social Sciences	Medical Brain Drain as a Globalization Risk and Its Effects on Efficiency of Federal Medical Centres in Nigeria under the Economic Development and Globalisation	12,495,000.00	TETFUND (NRF)
2.	Dr. P. Elias	Geography	LIRA 2030 Africa Collaborative Research Grant 2020: Achieving Sustainable Development through methodological Framework for Urban data Governance in Africa	£13,000	ISC & Network of African Science Academy (NASAC)
3.	Dr. P. Elias	Geography	Integrated deprived area mapping System (IDEAMAPS) network	£1,450	ESRC, UKRI Digital Innovation for Development in Africa (DIDA)

4.	Dr. P. Elias	Geography	Giving voices to slums: Creating Digital Urban Platform for Community Self-Reporting of Vulnerability and Responses to COVID-19 in Lagos	\$146,000	Naatiinal Research Foundation(NR F) South Africa
5.	Prof. Akinboye, Solomon Abayomi	Political Science/Social Science	Voter Apathy in Nigeria as political protest: A study of the 2019 General Elections	26,265,225.00	TETFUND (NRF)
6.	Prof Fatai A. Badru	Social Work	Identity and Language Use in Selected Exogamous Marriages in Lagos, Nigeria	N1, 359, 240	TETFUND (IBR)
RESEARCH CENTRES & INSTITUTES					
1.	Dr Abimbola Sowemimo	ACEDHARS	Bio prospecting for Anti-COVID-19 Remedies from Indigenous Medicinal Plants	3,000,000:00	LASRIC
2.	Dr. Basirat Oyalowo	CHSD	Strengthening Neighbourhood Level Research Capacities for Sustainable Communities in fast growing Nigerian Cities	£22,030	SHLC- The Centre for Sustainable Healthy and Learning Cities and Neighbourhood
3.	Dr. Taibat Lawanson	CHSD	Strategy Development for the Lagos Resilience Strategy	\$52,743.66	Rockerfeller Philanthropy Advisors
4.	Dr. Taibat Lawanson	CHSD	Informal Appropriation of Public Space and Urban Infrastructure for Leisure Physical Activities in Lagos and Yaounde(Alpha)	£299,731.95 £70000 (£74,946	University of Cambridge & Yaounde
5.	Dr. Taibat Lawanson	CHSD	A study of COVID-19 Adaptation Strategies for Residents of Multi-tenanted Housing in Lagos, Nigeria	£ 143,821	Arts & Humanities Research Council GCRF Urgency Grants
6.	Dr. Taibat Lawanson	CHSD	SENTIMENT & OPINION ANALYSIS OF PUBLIC SPACE PHYSICAL ACTIVITY IN LAGOS DURING LOCKDOWN: A data-driven approach to developing context-aware public health messaging to reduce disease vulnerability and improve COVID-19 control	£19,500 (£15,400.00 as forwarded)	Cambridge-Africa ALBORADA Research Fund COVID-19 Emergency Awards
7.	Dr. Taibat Lawanson	CHSD	CAPACITY BUILDING WORKSHOP SERIES: Critical Thinking and Writing for Urban Studies Researchers in Nigeria	£19,990 (£15,530)	British Academy
8.	Dr. Taibat Lawanson	CHSD	Pneumacity: Frictional infrastructure, road ecologies and valorization of end-of-life tyres (ELTS) towards more sustainable urban economies in West African mega-cities	£199,800 (£12,000.00)	British Academy
9.	Dr. Taibat Lawanson	CHSD	The educational opportunity for building a resilient future	£19,000.00 Take to 2019	Royal Academy of Engineering Frontiers of development Seed Funding programme

9.	Prof. Timothy Olugbenga Nubi	CHSD	AHRC GCRF Urgency Grants – Covid-19 Adaptation Strategies for Resident of Multi-Tenanted Housing in Lagos, Nigeria	£143,819.69	Art & Humanities Research Council-GCPR Urgency Grant
10.	Dr. Taibat Lawanson	IADS	LAGOS: OWNERSHIP AND IDENTITIES (Intellectual Debates and Exhibition).	£16,000	Workshop Grant of the German Research Foundation/Africa Multiple Cluster of Excellence at the University of Bayreuth
11.	Dr. Luqman Yusuff	IADS	Engaging Social Media in Remodeling Character Through Arts and Culture.	27,428,500.00	TETFUND (NRF)
12.	Dr. Kayode Eesuola	IADS	Ifa and Popular Culture Brandings in Benin Republic and Nigeria: An Interventionist Exercise towards Exploring African Indigenous Knowledge for African Governance.	3,000,000 Naira	CRC
13.	Dr. Yusuf, Tajudeen Olalekan	Institute of Nigeria-China Dev. Studies	Institutional Quality, SMES productivity, GVCS participation and export intensity in Nigeria	29,042,707.00	TETFUND (NRF)
14.	Dr. Emmanuel O.B. Ogedengbe (Ag. Director, NCEEC)	NCEEC	Design of Alternative Sources of Power and Energy Management System Development for Efficient Charging and Adaptation of Electric Vehicles (EVs) Technology at the University of Lagos	4,000,000:00	LASRIC
15.	Dr. Fasona Michelle	TCEBCEM	Conservation Assessment of Threatened Arboreal Mammals in Omo Forest Reserve, Southwest, Nigeria	£5000.00	The Rufford Foundation
16.	Prof. Bola Oboh	TCEBCEM	Marker Assisted Selection for High- Yielding Trait in Coconut Plant (<i>Cocos nucifera</i>) and Commercialization of its Products in Lagos State	2,500,000:00	LASRIC
17.	Dr. Aderonke Lawal-Are	TCEBCEM	Improving Urban Food Security Through Cultivable Prawn Farming	4,000,000:00	LASRIC
18.	Dr. Kehinde Kemabonta	TCEBCEM	Saving the Creatures that Feed the World: Bringing Back Butterflies for Enhanced Food Security	2,000,000:00	LASRIC
19.	Dr. Akeem Babalola Kadiri	TCEBCEM	Botanical Exploration of some Tropical Plants with Potential for Immune Boosting and Treatment of Covid-19 and Upper Respiratory	2,500,000:00	LASRIC

NATIONAL & INTERNATIONAL GRANTS IN 2021

S/NO.	Name	Department/Faculty	Research Project Title	Amount	Funder	Partnering Team
FACULTY OF ARTS						
1.	Prof. Abayomi Olajompo Akinyeye	History and Strategic Studies/Arts	Popular and External Supports for Insurgency and Counter Insurgency in Post-Cold War Sahel Region of Africa	₦12,750,000.00	TETFUND (NRF)	
2.	Prof. Oladele Caleb Orimoogunje	Linguistics, African and Asian Studies/Arts	A Collection and Analysis of Fifty Indigenous Healthcare Delivery Verses from Minor Odu in Ifa Corpus	₦24,000,000.00	TETFUND (NRF)	
3.	Dr. Peter Isaiah Oni	Philosophy	Beyond the Art: Understanding interethnic relations and national integration through scarification and body marks	₦14,500,000.00	TETFUND (NRF)	
FACULTY OF BASIC MEDICAL SCIENCES						
1.	Dr. Olalekan Adesola	Medical Laboratory Science	Career Development skill in whole-genome sequencing to unravel antibiotic resistance determinants associated with therapeutic failure against staphylococcal infections in Nigeria	£3,798.00	Africa Research Excellence Fund (AREF)	
2.	Prof. Folasade Ogunsola	Medical Microbiology & Parasitology	Infection Control Africa Network (ICAN) West Africa Regional Hub Operations and Training	\$169,214.00	TEPHINET	
3.	Dr. Rita Oladele	Medical Microbiology & Parasitology	Designing antibiotics guidelines for the critically ill in Nigeria	₦6,150,000.00	Pfizer	
4.	Dr. Rita Oladele	Medical Microbiology & Parasitology	Using telemedicine to bridge the gap in the diagnosis and management of invasive fungal infections in Nigeria.	₦14,500,00.00	Pfizer	
1.	Dr. Rita Oladele	Medical Microbiology & Parasitology	Fungal diseases surveillance and capacity building of clinicians and laboratory personnel in Nigeria (NIFUSCAB)	5 YEAR Training Grant YR 1: \$145,000	CDC	
5.	Dr. Olumuyiwa Babalola Salu	Medical Microbiology & Parasitology	Exploration of Marine Bacterial Community Genomics in Nigerian Coastal Waters for Prospective Novel Drugs and Biopharmaceuticals	₦39,442,001:00	TETFUND (NRF)	
6.	Prof. Bolanle Iranloye	Physiology	Genomic Profiling of Polycystic Ovary Syndrome (PCOS) in Nigeria Patients for Improved Prognosis, Precision and Personalized Management	₦40,800,000.00	TETFUND (NRF)	
7.	Dr. Chikodi Nnanyelu Anigbogu	Physiology	Covid-19: Cardiovascular, Respiratory, Metabolic Functions and Stress In Subjects using Various Face Masks in Corona Virus and Covid-19	₦14,559,998.00	TETFUND (NRF)	
8.	Prof. Oluyemi Akinloye	Medical Laboratory Science	Cloud-Based Integrative Genomic Analysis For Predicting Covid 19 Serenity And Prognosis Using Machine Learning	₦3,500,000.00	LASRIC	
FACULTY OF CLINICAL SCIENCES						
3.	Dr. Oluwakemi Odukoya	Community Health	Whole Genome Sequencing for Orofacial clefts, Incidental Findings and role of community gatekeepers.	\$63,364.00	NIH FOGARTY	

4.	Dr. Mobolanle Balogun	Community Health & Primary Care	Developing a Newborn Infection Prevention and Control (NB-IPC) Curriculum for Community Health Officers (CHOS) in Training in Nigeria	\$5,000.00	Consortium of Universities for Global Health	
5.	Prof. Njideka Okubadejo	Medicine	The Parkinson's Progression Markers Initiative (PPMI)	Yet to be determined	The Michael J. Fox Foundation for Parkinson's Research	
6.	Dr. Babasola Okusanya	Obstetrics & Gynaecology	Understanding facilitators and barriers to compliance with non-Pharmaceutical COVID-19 preventive measures in Nigeria.	€33,830.26	DATA 4COVID/NCDC Africa Challenge Research	
7.	Prof. Christy Okoromah	Paediatrics	Measuring and Monitoring Social Contact and Transmission Risk in Nigeria (The Nigeria Social Contact Study)	£30,772.50	University of Oxford	
8.	Dr. Beatrice Ezenwa	Paediatrics	Did COVID-19 Lockdown Measures Adversely Impact the Health of Vulnerable Newborns in Nigeria	€4,000.00	Royal Society of Tropical Medicine & Hygiene	
9.	Dr Beatrice Ezenwa	Paediatrics	The Role of Erythropoietin and Magnesium Sulphate in Hypoxic Ischaemic Encephalopathy: Hope for The Perinatally Asphyxiated?	N2,561,107.50	CRC	Prof Ezeaka Chinyere, Dr Fajolu Iretiola
FACULTY OF EDUCATION						
1.	Prof. Grace Olapeju Otinwa	HKHE	Physical Activity Pattern, Dietary Intake and Fitness Status of Children Living in Rural and Urban Setting in Nigeria: Nigeria-LINX Project	£10,000.00	Global Challenge Research Fund Grant	Mcperson Ogunsemere, Mercy A. Onwuama, ChineduAzubuik e, Gbenga Ajibola et al Partnering Institution: Swansea University, United Kingdom
2.	Prof. Grace Olapeju Otinwa	HKHE	National Study of 24-Hour Movement Behaviours in the Early Years: The Sunrise Project in Nigeria			University of Wollongong, Australia
3.	Prof. Uchenna Udeani	Science & Technology Education	Vocational Skills of Students and Teachers Pedagogical Competences in Vocational Education in Lagos State	\$9,833.6	Siemens Stiftung Foundation, Munich, Germany	
FACULTY OF ENGINEERING						
1.	Dr. Emmanuel Olakunle Busayo Ogedengbe -	Mechanical Engineering/ Engineering	Hybrid Conversion of Renewable Energy Potentials into Energy Carriers with Sustainable Local Content Development for Efficient Charging of Electric Vehicles	₦37,000,000.00	TETFUND (NRF)	

2.	Dr. Ezenwanyi Fidelia Ochulor	Metallurgical and Materials Engineering	Development of Mannequins for Practice and Skills Acquisition in Capacity Building in Clinical Ultrasonography.	₦25,000,000.00	TETFUND (NRF)	
3.	Prof. David Esezobor	Metallurgical and Materials Engineering	Development of Technology for quick conversion of organic waste to high quality fertilizer	₦2,000,000.00	LASRIC	
4.	Dr. Oluwatoyin Pius Popoola	Biomedical Engineering	Prediction of prostate cancer severity using cloud-computing of gleason score with machine learning	3,500,000.00	LASRIC	
5.	Dr. J. A. Akanmu	Civil & Environmental Engineering	Ground Water Monitoring in Lagos (Deployment of Sensors and Monitoring of Data)	£6,016.00	Cardiff University	
FACULTY OF ENVIRONMENTAL SCIENCES						
1.	Dr. Nnezi Uduma-Olugu	Architecture	Writing Workshop holding both in Ghana and Nigeria in June, 2021	£12,687.00	British Academy	Manchester Metropolitan University and University of Ghana
2.	Prof. Taibat Lawanson	Urban & Regional Planning	Pneumacity Frictional Infrastructure, Sustainable Urban Ecologies and Circular Economies in West Africa Mega Cities	£6000	British Academy	
3.	Prof. Taibat Lawanson	Urban & Regional Planning	Political Transformation in African Cities	\$889,452 (\$68,604)	Research Council of Norway	
4.	Prof. Taibat Lawanson	Urban & Regional Planning	WITS-TUB-UNILAG URBAN LAB	€2,236,535.05 (€295,638.4)	DAAD – SDG Graduate School Programme	
5.	Prof. Taibat Lawanson	Urban & Regional Planning	Migration Urbanisation and Conflict in Africa Towards Peaceful Urban Futures	£301,350	UKRI under the GCRF/ African Research Universities Alliance Research	
6.	Dr., Muiyiwa Elijah Agunbiade	Urban & Regional Planning/Environmental Sciences	Using Hierarchical Spatial Reasoning and GIS to Build Integrated Address Systems: Lagos, Kano and	₦21,456,763.00	TETFUND (NRF)	
FACULTY OF LAW						
1.	Prof. Ayodele Atsenuwa	Faculty of Law	Creating a Compliance-Ready Environment for Data Protection in Nigeria	\$69,950	Facebook	
2.	Dr. Adekemi Omotubora	Commercial and Industrial Law	What value is in the code? Human rights by design in Artificial Intelligence (AI) governance in Africa	\$25,000	Facebook International (Ireland)	
3.	Prof. Yemi Oke	Jurisprudence & International Law	International Investment Agreements (IIAs) and the UNSDGs- Rethinking Approaches to Achieving Investment Protection and Sustainable Development in IIAs Deals	€5,700.00	Agentur Fur Bildung Und Internationalisierung, OEAD-GMBH-	Austria Agency for Education and Internationalisation Ebendorferstrasse in Vienna
FACULTY OF PHARMACY						
1.	Dr. Margaret Ilomuanya	Pharm & Pharm Tech	Development of Long Lasting mucoadhesive electrospun scaffolds for intravaginal delivery of lactobacilli spp and metronidazole	\$44,859.00	Population Council, USA	NA

			for management of bacterial vaginosis			
2.	Dr. Margaret Ilomuanya	Pharm & Pharm Tech	GMP production Laboratory	\$150,000.00	JEIVEN Pharmaceutical Consulting Incorporation	CBR
3.	Dr. Margaret Ilomuanya	Pharmaceutics & Pharmaceutical Technology	<i>Microbicide Research and Development to Advance HIV Prevention Technologies through Responsive Innovation and Excellence (MATRIX) award</i>	256,000USD	U.S. President's Emergency Plan for AIDS Relief (PEPFAR)	Dr. Sharon Hillier from the prime organization, <u>Magee-Womens Research Institute and Foundation</u> , and Dr. Thesla Panalee-Phillips as the Deputy Director from Wits RHI
4.	Dr. Stephanie Alaribe	Pharmaceutical Chemistry	Characterisation of purified compounds isolated from Olax subscorpioidea and investigation of their Hedgehog pathway inhibitory activities as potential leads in treatment of cancer	£3999.28	Royal Society of Chemistry (RSC)	
5.	Dr. (Mrs.) Omonike O. Shonekan	Pharmaceutical Chemistry	Advanced training on the NMR Spectrometer	£5000	African Oxford Initiative Grant (AFOX) 2020 University of Oxford, UK	Prof. Tim Claridge
FACULTY OF SCIENCE						
1.	Prof. Oluwatoyin T. Ogundipe, FAS	TCEBCEM	Implementation of the Biodiversity Information and Data System for Coastal Ecosystems in Nigeria	€38,000	Global Biodiversity Information Facility: Biodiversity Information for Development (BID)	
2.	Dr. Temitope Onuminya	Botany	Expanding the visibility of the Lagos Herbarium through Digitization and Mobilization of Plant Specimen Data (project ID: BID-AF2020-009-INS.)	€18,850	Global Biodiversity Information Facility: Biodiversity Information for Development (BID) 2021	
3.	Dr. Oluwafemi Amusa	Cell Biology & Genetics	Profiling Some Nigerian Herbs for COVID-19 Prevention & Management	€16,000.00	DIES Nigeria Project: Nigeria Innovative Research Management Structures (NIREMaS)	University of Cologne, Germany
4.	Dr. Bamidele Joseph Minari	Cell Biology and Genetics/Science	Candidate Blockers Identification for RNA-Dependent RNA	₦27,725,500.00	TETFUND (NRF)	

			Polymerase as Potential Drugs for Covid-19			
5.	Prof. Kehinde Olayinka	Chemistry	Assessment of Environmental Exposures to Potential Toxic Metals from E-Waste in Lagos	\$13,391	West Africa-Michigan Charter II-under National Institutes of Health	
6.	Dr. Tolulope Fasina	Chemistry	Addressing the Element of Bias towards Publication in Highly Rated International Journals by Nigeria Researchers	£4782.24	Royal Society of Chemistry	
7.	Prof. Oluwole B. Familoni	Chemistry	Gc-Ms Research Grant for Training Workshop and Maintenance of the D. K. Olukoya Central Research Laboratory in the University of Lagos	£17,500.00	Royal Society of Chemistry (RSC)	
8.	Dr. Temilola Oluseyi	Chemistry	Building an Early Warning System for Community-Wide Infection Disease Spread	£441,015	EPRC (GCRF EWS C19)	
9.	Prof. Olusegun Opeyemi Ayejuyo	Chemistry/Science	Valorization of post-consumer solid textile wastes and agricultural residues: from environmental chaos to fine chemicals of industrial value	₦35,000,000.00	TETFUND (NRF)	
10.	Dr. Kelechi Njoku	Cell Biology & Genetics,	Air Quality Management Community of Practice in West Africa	Training Workshop	Department of State, USA	Columbia University, New York
11.	Dr. Oladipupo A. Sennaike (Lead PI) Dr. Victor T. Odumuyiwa (co-PI), Dr. Chika O. Yinka-Banjo (co-PI), Dr. Adekemi Omotubora (co-PI)	Computer Science Computer Science Computer Science Commercial Law	The grant is part of the four-year Artificial Intelligence for Development in Africa (AI4D Africa) program dedicated to accelerating the realization of Africa's Artificial Intelligence innovations towards achieving continental and global development goals	CAD 1,248,145 (NGN 406,404,804)	Canada's International Development Research Centre and the Swedish International Development Agency (IDRC/SIDA)	Université d'Abomey Calavi
12.	Prof. Lucian Obinna Chukwu	Marine Sciences	Capacity Building in Aquatic Animal and Environmental Health in West Africa (Aqua-HEM).	Norwegian Kroner (NOK) 19,956,214.00 =USD 2,307,217.73 ((NOK) 3,528,338.00=USD 411,060.00)	Norwegian (NORAD)	Norwegian University of Life Sciences, University of Ghana, Kwame Nkrumah Science and Technology, Ghana and University of Development Studies, Ghana.
13.	Dr. Zaid Ademola Aderolu	Marine Sciences/Science	Climate Change, Illegal fishing, and Nigeria's depleting fish stock: Exploring Community Policy Intervention	₦32,000,000:00	TETFUND (NRF)	
14.	Dr. Temitope Sogbanmu	Zoology	Development of an Environmental Evidence Portal and Capacity Building	\$10000	African Institute for Development Policy (AFIDEP)	

			Workshop for Selected Environmental Evidence Producers and Users			
15.	Dr. Kafilat Adebola Bawa-Allah	Zoology	Fostering collaboration and creation of networks	£5,748.63	Royal Society	Dr. Margaret Sivapragasam
16.	Prof. Chukwuemeka Isanbor	Chemistry	Development and production of value added materials from waste plastics	₦2,500,000.00	LASRIC	
17.	Dr., Olusola Helen Adekanmbi	Botany	The application of modern technology in curbing pollinosis in allergy sufferer and sensitive individual	₦2,500,000.00	LASRIC	
FACULTY OF SOCIAL SCIENCES						
1.	Dr. David Mautin Oke	Economics	Medical Brain Drain as a Globalization Risk and Its Effects on Efficiency of Federal Medical Centres in Nigeria under the Economic Development and Globalisation	₦12,495,000.00	TETFUND (NRF)	
2.	Dr. Peter Elias	Geography	Giving Voice to Slums: Creating Digital Urban Platform for Community Self-Reporting Amid COVID-19	\$20,000.00	National Research Foundation (NRF)/ Research and Innovation Support and Advancement (RISA)	
3.	Prof. Solomon Abayomi Akinboye	Political Science/Social Science	Voter Apathy in Nigeria as political protest: A study of the 2019 General Elections	₦26,265,225.00	TETFUND (NRF)	
RESEARCH CENTRES & INSTITUTES						
1.	Prof. Oluwatoyin T. Ogundipe, FAS	TCEBCEM	Implementation of the Biodiversity Information and Data System for Coastal Ecosystems in Nigeria	€38,000	Global Biodiversity Information Facility: Biodiversity Information for Development (BID)	
2.	Prof. Muyiwa Falaiye	IADS	Women as sages	€19,700	Africa Multiple Cluster of Excellence, Germany	Dr. Okeregbe
3.	Professor Adepeju Layiwola	IADS	Rethinking the Artistic Trajectory of African Women Artists	€24,000.00	Africa Multiple Cluster of Excellence, Germany	
4.	Prof. Taibat Lawanson	IADS	Mobilities Across West African Countries	€48,224.97	Africa Multiple Cluster of Excellence, Germany	Dr. Eleshin
5.	Prof. Taibat Lawanson	IADS	Interrogating African Contexts and Conceptualizations of Development	€17,884.32	Africa Multiple Cluster of Excellence, Germany	Dr. Eleshin
6.	Prof. Patrick Oloko	IADS	(Re) Researching African Identity, Morality and Sexuality for Wellbeing among students in Higher Institutions of Learning in Lagos State Nigeria	€2,649.48	Lagos African Cluster Centre (LACC) Africa Multiple Cluster of Excellence	Prof. Dr. Sorre, Benard Mworì (Visiting Fellow)

7.	Prof. Patrick Oloko	IADS	African Popular Arts and Entertainment	€16,400.00	Africa Multiple Cluster of Excellence, Germany	
8.	Prof. Luqman Yusuff	IADS	Engaging Social Media in Remodeling Character Through Arts and Culture.	27,428,500.00	TETFUND (NRF)	
9.	Prof. Luqman Ayodele Yusuff	IADS	Digitising Yoruba Folktales for animation and value education	€16,838.28	Africa Multiple Cluster of Excellence, Germany	Dr. Abisoye Eleshin
10.	Dr. Akinmayowa Akin-Otiko	IADS	Nollywood and Evangelical Films: Exploring Nigerian Cinema in Relation to African Traditional Histories, Values and Spirituality	\$50,000.00	Nagel Institute of Calvin University	
11.	Dr. Fayemi	IADS	Ethics Dumping: An Integrative Study of Research Ethics Governance in Burkina-Faso, Kenya, Nigeria and South Africa	€34,060.43	Africa Multiple Cluster of Excellence, Germany	Dr. Akin-Otiko
12.	Dr. Yakubu	IADS	Municipal Road Connection in Kenya and Nigeria: Investigating the Politics of Infrastructure Development	€35,000.00	Africa Multiple Cluster of Excellence, Germany	Dr. Ademola-Adeoye
13.	Dr. Ademola-Adeoye	IADS	Locating the Albatross in Women's Political Participation in Sub-Saharan Africa	62,845.65	Africa Multiple Cluster of Excellence, Germany	
14.	Dr. Akin-Otiko	IADS	Re-examining Gender, Gender Role and Identity in Nigeria: The Flattening Room Tradition of the Efik	€6,614.61	LACC	Dr. Eshiet, Dr. Olokodana-James
15.	Dr. Peter Oni	IADS	Security Challenges in West Africa: Multiform and Perspectives	€5,244.00	Africa Multiple Cluster of Excellence, Germany	
16.	Dr. Christine Matzke	IADS	Taiwo 'Sango'	€33,160.00	Africa Multiple Cluster of Excellence, Germany	
17.	Dr. Lekan Balogun	IADS	Taiwo 'Sango'	€5,900.00	Africa Multiple Cluster of Excellence, Germany	
18.	Dr. Akin-Otiko	IADS	The Informal Workers also Fight COVID-19	€2317.71	University of Lagos African Cluster Centre	Dr. Fayemi
19.	Dr. Franca Attah	IADS	Intra-Africa Migration and Xenophobia: Imperatives for African Integration	€18,560.00	Africa Multiple Cluster of Excellence, Germany	Dr. Olukayode Eesuola
20.	Prof. Taibat Lawanson	CHSD	Migration, urbanisation and conflict in africa: towards peaceful urban futures (muca)	£1.9m (£301,000)	UKRI/GCRF	Addis Ababa University, University of Lagos and Makerere University, with the University of Sheffield as UK partner and

						University of Jos
21.	Prof. Taibat Lawanson	CHSD	Critical Writing Workshop for Urban Studies Researchers in Nigerian Universities	£19,990.00 (£15,530.00)	British	University of Sheffield
22.	Dr. Olasumbo Olusanya/ Prof. Taibat Lawanson (Co-PI)	CHSD	Inclusive poverty reduction: in search of a policy framework to support individuals operating in the informal economy of Lagos, Nigeria	£49,609.00 (£8,562.88)	British	De Montfort University, Nottingham Trent University
23.	Prof. Taibat Lawanson	CHSD	Sustainable agriculture in Nigeria: Understanding the link between conflict (and terrorism) and climate change in farmers' displacement	\$20,000 (\$6,604)	Leeds	Leeds Beckett University
24.	Prof. Taibat Lawanson	CHSD	Global Diet and Activity Research (GDAR-Spaces)		National	

25.	Prof. M. O. Ilori	Institute of Maritime Studies	Toxicological Impact of Nano-Sized Plastic Waste Degradation Product on Human Health	GBP 15,000	Aston University	Aston University
26.	Dr. Yusuf, Tajudeen Olalekan	Institute of Nigeria-China Dev. Studies	Institutional Quality, SMES productivity, GVCS participation and export intensity in Nigeria	₦29,042,707.00	TETFUND (NRF)	
RESEARCH MANAGEMENT OFFICE, CMUL						
1.	Mr. Olufemi Hodefe	Research Management Office, CMUL	Sustaining the Effectiveness of Research Management Effort in the University of Lagos. SERME	\$5,800.00	IREX	
UNILAG MEDICAL CENTRE						
1.	Mr. Abiola Fashina	UNILAG Medical Centre	Capacity Development Training	₦1,000,000.00 cash prize and 1,000,000 for equipment and reagent	ISN Medical	
FELLOWSHIPS						
1.	Dr. Patrick Okonji	R&I Office	IREX Fellowship	Fellowship	IREX	
2.	Mr. Bolarinwa Ajigboye	Vice-Chancellor's Office	IREX Fellowship	Fellowship	IREX	
3.	Dr. Kafilat Adebola Bawa-Allah	Zoology	ISO LOMSO Fellowship at the Stellenbosch Institute of Advanced Study (STIAS)	Fellowship	Stellenbosch Institute of Advanced Study (STIAS)	
4.	Dr. Basirat Oyalowo	Estate Management	IREX Fellowship	Fellowship	IREX	
5.	Dr. (Mrs.) Rose I. Aderemi-Williams	Clinical Pharmacy & Biopharmacy	Fogarty Global Health Fellow	23,376.00 (stipend) 15,000.00 for Research	HBNU Fogarty Global Health Consortium	
6.	Mr. Samson Fakorede	Cell Biology & Genetics	AGNES Mobility Grant to be utilized at the Forensic DNA Laboratory, University of Western Cape	€2,302.34	African German Network of Excellence in Science (AGNES)	
DONATION OF EQUIPMENT AND LABORATORIES						
1.	Prof. Wellington Oyibo	Medical Microbiology	To look at the genetics and metabolomics of Schistosoma and malaria co-infection in areas endemic for both diseases with the use of PCR machine, 5 ultra-low freezers, UV Specs, ELISA, Refrigerated Centrifuges, Ultra low etc	\$400,000 USD	Seeding Labs	

RESEARCH CENTRES ACTIVITIES FOR 2019 - 2021

1. Institute of African and Diaspora Studies: Summary of Events and Activities From 2019 to 2021

Activities for the year 2019

Roundtables and Conferences

February 26-March 07 2019, was dedicated to marking the Black History Month, 2019 at the IADS. This was done in conjunction with the USA Consulate, Lagos who also sponsored the event to the tune of \$5,000. The weeklong event was colourfully celebrated with different events; there were Roundtables with themes around the Black History; there were movie shows and different schools were invited to debate the motion whether: 'Racism Can Ever Be Eliminated?'

April 8-9, 2019: There was a Workshop titled Universal Coverage Everywhere, everyone to highlight the role of African Traditional Medicine. The Workshop was to commemorate 2019 World Health Day. The programme included two-day Traditional Herbal exhibition.

May 9, 2019: Dr. Asher Orkaby of the Harvard Extension School, Tufts University & Harvard Centre for Middle East Studies, delivered the paper at the IADS Roundtable, titled: Middle East Crisis: Yemen, Somalia and The Rest of Africa.

July 5-7, 2019: IADS Hosted the 2019 Fela Kuti International Conference on African Homelands and Social Theory, with 'Rethinking African History: Knowledge Production and Political Sustenance in Post-Colonial Africa' as the theme.

July 18, 2019: Prof. Chinyere G. Okafor of the Department of Women's Studies and Religion, Wichita State University, Kansas USA. Delivered the IADS Roundtable titled 'Domestic Violence or Gender Violence: Spousal Homicide among Nigerians in the United States'.

August 22nd, 2019: Researchers from IADS took part in a Panel Discussion at the 14th Unilag Annual Research Conference and Fair with a theme: Automation and Artificial Intelligence: Opportunities for 21st Century Research and Development. This took place in the University of Lagos.

29th August, 2019 the IADS in collaboration with the Religious Studies Department, Faculty of Arts, University of Lagos organized an Inter-Religious Dialogue that had three speakers: Dr F.O. Falako (Christianity), Dr. Bashir (Islam) and Awo Olawole Olakunle (African Traditional Religion) discuss the idea of one God from different religious perspective.

October 28, 2019: Chika Unigwe had a reading of her book titled 'Better Never than Late'

November 06, 2019. Prof. Ruth Simbao from Rhodes University, South Africa delivered a paper titled: Reaching Sideways as We Cast Shadows: Counter-Narratives and Geopolitics of Proximity in the Remaking of African Studies.' She is the National Research Foundation Chair in Geopolitics and the Arts of Africa and the Global South, Rhodes University. She was the IADS guest for the November Roundtable.

Journal

IADS published her first edition of the Afro-Diaspora Discourse (A-DD). This is an interdisciplinary Journal that is published annually, with Dr. Kayode Eesuola as the editor of the journal.

Advocacy and Events

April 2019: IADS hosted Team from Bayreuth

August 21-23, 2019: IADS had a stand to showcase the research and activities of IADS at the 14th Unilag Annual Research Conference and Fair with a theme: Automation and Artificial Intelligence: Opportunities for 21st Century

Research and Development. This took place in the University of Lagos. Affiliate members of the IADS had opportunity to identify and new ones were welcomed.

October 2019: IADS anchored the Panel during the International week

The IADS in collaboration with the Department of Creative Arts, University of Lagos organized the 2019 Unilag Africarribean Carnival.

Practical Lessons in African Traditional Medicine: One of the Elective courses for the MA programme in African and Diaspora Studies is AFS 822: African Traditional Medicine: Theory and Practice; on October 21-22, 2019. The students had a session where they were taught basic treatment for malaria and how to prepare 'Black soap' for skin care. It turned out to be very successful and over 100 people visited the stand and shared experiences.

Activities for the year 2020

Restructuring the Nigerian State Conference

On Wednesday, 22nd January 2020, the IADS had a One-day conference on restructuring the Nigerian State. The Conference was convened by Dr. Adetokunbo Pearse, as part of the activities of the Research Cluster on Diaspora and Global Africa.

Black History Month, 11th -13th February, 2020 (in collaboration with CBAAC).

The Opening ceremony on the 11th February, 2020 featured Prof. Tunde Babawale who gave a lecture entitled 'Constraints and prospects of managing elections in Africa: The Nigerian experience'. Selected Secondary Schools also participated in an essay writing competition on the topic, 'What Black History Means to Me'.

Award

The maiden edition of the Rahamon Bello Best Ph. D Thesis in African and Diaspora Studies Award with the cash prize of US\$1,000 was presented to Dr. Oluwatoyin K. Adebayo on 8th December, 2020. Certificates were also presented to the first and second runners up. To grace the occasion were Prof. Olufunke Adeboye (the Dean, Faculty of Arts, University of Lagos), Alhaja Mamunat Bello and Professor Rahamon Bello, (the 11th Vice Chancellor of the University of Lagos), Dr Oluwatoyin K. Adebayo (winner of the award), Prof. Oluwatoyin Ogundipe (the 12th and current Vice Chancellor, University of Lagos), Prof. Ben Oghojafor, (Deputy Vice-Chancellor, Management and Services) and Prof. Bola Oboh (Director, Research and Innovation office, University of Lagos).

Lagos-ACC 2020 Workshops

1. Beyond Pedagogy: Purposeful and Sustainable Learning in Africa. Date: 24-27 August 2020 by Drs.Ayo Yusuff & Abisoye Eleshin. Participants were drawn from the pool of undergraduate students and scholars in all the faculties in UNILAG. Facilitators included UNILAG academia, practitioners from outside, and a Technical Personnel from NERDC.
2. A month-long Exhibition, Roundtables and Documentary entitled 'Lagos: Ownership and Identities'. Date: November 2020 by PIs: Drs. Taibat Lawanson & Abisoye Eleshin. The event which was co-sponsored by the Lagos-ACC and African Multiple – Cluster of Excellence, University of Bayreuth, attracted students, participants, facilitators and scholars across specialties such as traditional historians, cultural enthusiasts, artists/photographers, etc.



From L-R Dr. Abisoye Eleshin explaining some of the pictures to Students from the International School (ISL), University of Lagos. Students and the Vice Principal of CMS Grammar School, after a visit to the arts gallery during the one-month long exhibition

Activities for the year 2021

Africa Knows Conference

The year began with IADS Co-Sponsoring the Africa Knows Conference with the Institute of African Studies, Leiden. On the 28th of January, the Institute of African and Diaspora Studies initiated a panel with the Africa Multiple Centre of Excellence, Bayreuth with the theme: *Language Issues: Reconfiguring Language Use in African Studies*. The panel was convened by Prof. Muyiwa Falaiye (Director of IADS) and Dr. Anthony Okeregbe (Philosophy Department, Unilag).

Black History Month, 2021

The IADS organised an annual event to mark the Black History month on the 23rd of February, 2021. The event took place in-person and virtually to accommodate online attendees due to the COVID-19 pandemic. Notable attendees included Keynote Speaker Prof Adesina Afolayan, (Department of Philosophy, University of Ibadan), Prof. Olufunke Adeboye, (Dean of the Faculty of Arts, University of Lagos) and Prof. Muyiwa Falaiye (Director, IADS).

Traditional Medicine Day

The IADS organised its annual Traditional Medicine Day event on the 30-31st of August. The theme for 2021 was *Traditional Medicine: Research and Development*. Onisegun YSO Akande was invited to provide a traditional perspective and lecture on “Traditional Preventive Methods during Pandemics.” He is pictured here during his talk on the 30th of August 2021.



2021 Cluster Conference

Lagos-ACC organised two panels for the annual Conference of the Africa Multiple Cluster of Excellence entitled “*African Relations: Modalities Reflected*” on 15 July 2021. The panels had the theme: ‘*Thinking and Acting.*’

Graduate Conference

Lagos-ACC hosted its first Graduate Conference in African Studies on the 22nd-24th September 2021. It welcomed 30 young African studies scholars and ran sessions in accordance with the theme: *Studying Contemporary Africa: Politics, Society and Decoloniality.*

Workshops

Security Challenges in West Africa: Multiforms & Perspectives Workshop

A panel discussion held at the 2-day Regional Workshop on ‘Security Challenges in West Africa: Multiforms & Perspectives’ on the 27th and 28th of July 2021. The programme featured keynote speakers Prof. Benson Osadolor, Dr. Drissa Rahmane, and lead presenters Brig. Gen. Hassan Mamman Lai (Rtd.) and Prof. Bola Akinterinwa.

Interrogating African Contexts and Conceptualizations of African Concept of Development Workshop

The “Interrogating African Contexts and Conceptualizations of Development” workshop held on the 8th and 9th of November, 2021. The workshop hosted speakers such as Prof. Ijenwa Unah of the Dept. of Philosophy, Prof. Eghosa Osaghae and Prof. Patrica Donli. The workshop was followed by a documentary which was screened on the 8th of December.

Awards

Rahmon Bello Best Ph.D. Thesis in African and Diaspora Studies Award

The second edition of the annual Rahamon Bello Award with a cash prize of US \$1,000 was given to Dr. Felix Ajiola. The award was endowed by Professor Rahamon Bello, the 11th Vice Chancellor of the University of Lagos.



Dr. Felix Ajiola, 2021 Rahamon Bello winner, pictured with family, IADS staff and distinguished guests

Doctoral scholarships

Lagos ACC domiciled in IADS has awarded 6 Doctoral scholarships to the tune of N5.5 million since 2020 to University of Lagos students.



ARUA CoE for Urbanization and Habitable Cities African Research Network for Urbanization and Habitable Cities

REPORT OF ACTIVITIES (2019–2021)

1.0 BACKGROUND

The Centre for Housing and Sustainable Development ([CHSD](#)) at the University of Lagos was established to provide learning and research support for evidence-based policy and practice for the housing sector in Africa. The Centre pioneers' new ways of housing provision and management, reviews current and emerging practice in the housing industry and support those who have the responsibility for proffering policies to manage the housing situation in Nigeria and Africa. Since inception in December 2013, the Centre has made several achievements in its core areas of research, capacity building in the housing sector, advocacy, regeneration, advocacy and consultancy. As an ARUA Centre for Excellence in urbanization and habitable cities ([ARUA](#)), it also co-ordinates research capacity building in the aforementioned area amongst the thirteen ARUA member universities, opening the vista for in-depth engagement and solution findings to Africa's most critical urban issues. It also creates opportunities for forging deeper linkages between stakeholders in the housing and real estate industry for the advancement of sustainable principles in housing finance, affordability, delivery and management. CHSD engages in active collaborations – research and practice – with Federal and State Government Agencies, Non-Governmental Organizations, Real Estate Developers' Association and Slum communities. CHSD has ongoing research collaborations with the University of Sheffield, University of Stirling, French Institute for Research in Africa. The Centre's activities include Housing Research, Professional Post Graduate Studies, Capacity Building Programmes, Expert Group Meetings, Urban Regeneration and Advocacy

2.0 CENTER'S ACTIVITIES (2019 – 2021)

2.1 2019 ACTIVITIES

a. Research/Grant Activities

- I. **SHLC-ESRC UKRI-GCRF Grant for Capacity Building:** In July 2019, researchers affiliated with the Centre successfully won a grant to carry out a five-day workshop titled „*Strengthening Neighborhood Level Research Capacities for Sustainable Communities in Fast growing Nigerian Cities*““. This project was funded by SHLC – the Centre for Sustainable, Healthy and Learning Cities and Neighbourhoods. SHLC is funded via UK Research and Innovation (UKRI) as part of the UK Government's Global Challenges Research Fund (GCRF).
- II. **British Academy Urban Infrastructures of Wellbeing Programme (2019):** In collaboration with researchers from other Universities, the Centre's researchers were involved in two projects under the British Academy Urban Infrastructures of Wellbeing Programme, which commenced in December, 2019 and ran for 24 months. They were: *Informal appropriation of public spaces and urban infrastructure for Leisure Physical Activity in Lagos and Yaoundé, led by the University of Cambridge* and *Pneuma-city': Frictional Infrastructure, road ecologies and valorization of end-of-life tyres (ELTs) towards more sustainable urban economies in West African megacities*“, led by the University of Kent.
- III. **RAEng Frontiers of development workshop grant (2019):** Led by Heriot Watt University, the Centre's researchers also won a RAEng Frontiers of Development Workshop Grant titled: *“The educational opportunity for building a resilient future”*.
- IV. **Governance and Justice Program (2019):** Under the International Development Research Centre's Governance and Justice Program, and in partnership with the Justice Empowerment Initiative (JEI), the

Centre's researchers also won a grant titled: "*Promoting Legal Empowerment of the Urban Poor and Addressing Key Justice Challenges through Inter-City Community Paralegal Network*".

a. Workshops

- I. **Lagos Resilience Strategy Workshop:** The Rockefeller Foundation engaged the Centre's Researchers in a project to develop a resilience Strategy for Lagos State. This was done in collaboration with 100RC and the Lagos Resilience Office. Activities included a two-day workshop from the 30th-31st of July 2019 at the University of Lagos with stakeholders from Government, academia, communities, private sector and advocacy groups to identify up to 25 resilience initiatives across five discovery areas
- II. **Network Inception Workshop (2019):** The Inception Workshop of the African Research Network for Urbanization and Habitable Cities. The event held on Monday, 14th and Tuesday, 15th of October 2019 at the University of Lagos, Lagos.
- III. **Neighbourhood Level Research Capacity Building Workshop (2019):** The nationwide workshop took place between the 7th and 11th of November and its objective was to enable early career researchers to develop skills for conducting neighbourhood level research, that can influence government policy in health, urban and educational sectors.
- IV. **ARUA Workshop (2019):** The Centre's African Research Network held its first international workshop on "*City Infrastructure in Africa: The Demand and Supply*" at the University of Nairobi, Kenya in November 20th 2019.
- V. **Practitioners' Capacity Building Workshop (2019):** The Centre in collaboration with the National body of Real Estate Developers Association of Nigeria (REDAN), one of its industry partners held a nationwide capacity building workshop. The theme of the training was: "*Enhancing the Capacity of Real Estate Developers for Productivity*". The workshop took place on the 14th, 20th and 28th of November in Abuja, Lagos, Imo States respectively.
- VI. **Research Leadership Capacity Building Workshop (2019-2020 Period) for ARUA CoE research clusters:** The Centre held two capacity building workshops for cluster researchers to develop skills in leadership, grant application and cluster management.



b. Masterclasses

- I. A ten-day long Masterclass titled "*Researching Public Spaces in African Cities*", was co-organized with IFRA-Nigeria and ENS-Paris. It held from February 19th to 28th 2019 and took place in the Universities of Lagos and University of Ibadan. nt disciplines, who all had common interest to do research in/on public spaces.
- II. Another masterclass was on "*Basic Photography for Researchers*", which took place on the 17th of May 2019.

c. Conferences

- I. **University of Lagos International Week (2019):** The University of Lagos held its first International Week with the theme "*Education in a Connected World*" on the 14th and 15th of October 2019. The Centre anchored the fourth Plenary Session "*Cities of the Future, Future of Cities*" on the second day of the International Week at the Tayo Aderinokun Hall.
- II. **ARUA Conference (2019):** The Centre which is also the Centre of Excellence for Urbanization and Habitable Cities, participated in the Second Biennial Conference of the African Research University Alliance (ARUA) which held at the University of Nairobi between 18th and 20th of November 2019. The conference was titled: "*Africa and the Fourth Industrial Revolution: Defining a Role for Research Universities*".



d. Advocacy and Engagement with Stakeholders/Industries and International Organisations/Institutions

- I. **Sustainability Walk:** The Civic Ecology Lab, Cornell University, U.S.A in partnership with the Centre organized a Sustainability walk, a carbon footprint reduction challenge. The aim of this was to enlighten students whilst reducing vehicular emission on campus by encouraging walking/cycling as an alternative on campus.
- II. **Civic Engagement:** The Centre for Ethics and Sustainable Development in collaboration with the Centre held a two-day Public-Private Partnership training for the informal sector in March 2019, to develop their capacity for engaging governments in proposed PPP projects.
- III. **Lagos Gubernatorial Debate: "A City that Works":** The Centre collaborated with several other professional bodies and stakeholders in the city (The City that works Alliance), to convene the Governorship and Deputy Governorship candidates for the Lagos State 2019 election.

- IV. **Stakeholders' Presidential Town Hall meeting on "The State of Nigeria's Housing Market":** For the first time in the housing sector, Presidential Candidates in Nigeria were invited to a town hall meeting on the state of the Nation's housing market. Held on the 12th of January 2019 at the University of Lagos, the town hall meeting provided an avenue for Nigeria's Presidential Candidates to understand the major problems in the Housing market that affects citizens.



- V. **Ajegunle-Ikorodu Community Resilience Action Plan:** This research was done in collaboration with Ajegunle and Ikorodu communities, and it was supported by the Heinrich Boll Foundation. It is an action research project in response to COVID-19 in vulnerable communities. The report can be found at <https://chsd.unilag.edu.ng/?p=1083>
- VI. **Press Releases:** In collaboration with Civil Society's Organizations, the Centre issued press releases to make strong recommendations for adequate COVID-19 testing and care facilities for low-income communities and realistic and direct palliatives for vulnerable peoples to protect them against infection and to relieve the economic stress associated with prolonged shut-downs. <https://www.environewsigeria.com/lagos-asked-to-extend-covid-19advocacy-to-low-income-communities/>

e. Publications

- I. **A Toolkit for Conducting Neighbourhood Level Research:** This Toolkit was developed from presentations and activities of the five-day workshop titled "*Strengthening Neighbourhood Level Research Capacities for Sustainable Cities in Fast-Growing Nigerian Cities*"
- II. **Land and Development in Lagos:** This is a publication that came out of earlier engagements with practitioners and academics in Nigeria, and reflects the importance of land to city management and sustainability in urban Africa.



2.2 2020 ACTIVITIES

a. Research:

- I. **Research on Housing and COVID-19 Protection (AHRC Rapid Urgency COVID-19 Grant):** A multi-disciplinary team of researchers carried out a research on the adaptation strategies of residents of multitenanted housing in Lagos, Nigeria. Their methodology utilizes a dominant Arts and Humanities expertise together with built environment disciplines. The study involves historical investigation, utilization audio-visual arts, review of literary works, literature review, interviews and surveys.
- II. **Scoping studies on the State of Urban Infrastructure in Africa: Focus on need to reflect Transit Oriented Development:** The Scoping Studies of the 2019-2020 research year of the CoE Urbanization and Habitable Cities was conceptualized on two strands of research activities:
- I. Eight thematic study strands with theoretical focus on transportation and key research areas in health, housing, governance, spatial data, land management amongst others driven by the research clusters.
 - II. Seven city studies from Lagos, Abuja, Osogbo, Accra, Nairobi, Johannesburg, Freetown, Lusaka, and Banjul; examining the state of transportation in cities of the partner institutions, driven by the Network partner universities. Data collection is based on transdisciplinary meetings and stakeholder meetings respectively.

b. Grants applied for and won:

- I. **AHRC Urgency Grant on Housing and COVID-19 Protection (July 2020-January 2021):** The Centre is carried out a multi-disciplinary research on the Adaptation strategies of residents of multi-tenanted housing in Lagos, Nigeria with funding from AHRC – Arts & Humanities Research council of the UK Research and Innovation.
- II. **Gender differentials and Public Transportation in Lagos Nigeria (January 2020 – June 2021):** Catalyst Non-Residential Fellowship – individual. Funded by University of Edinburgh – Centre for African Studies.
- III. **Sentiment and opinion analysis of public space physical activity in Lagos during lockdown (2020-2021):** in collaboration with University of Cambridge. Funded by the Cambridge-Africa ALBORADA Research Fund COVID-19 Emergency Awards.
- IV. **Migration, Urbanization and Conflict in Africa: Towards Peaceful Urban Futures. (2020 - 2023):** In collaboration with Addis Ababa University, University of Sheffield and Makerere University. Funded by UKRI under the GCRF/ African Research Universities Alliance Research Excellence programme.

c. Workshops

- I. **Transdisciplinary Research: Rethinking Research in COVID-19 times (August 2020):** Our flagship capacity building workshop for 2020 was the Transdisciplinary Research Capacity Workshop. It focused on the *Transdisciplinary Research Techniques*. Link to the report: <https://chsd.unilag.edu.ng/?p=1085>.
- II. **Writing Workshop Series: Critical Writing workshop for Early Career Researchers, & Urban Studies Researchers in Nigerian Universities (January–December 2020):** In collaboration with University of Sheffield, and the Faculty of Environmental Sciences, University of Lagos, a 3-day writing workshop was carried out for early career researchers. The workshop was funded by British Academy



d. Masterclass

- I. **Using ICT to enhance the task of literature review: Mendeley as a literature management tool (September 2020):** In September, 2020 a 2-day Masterclass on the use of Mendeley held virtually.
- II. **Home Ownership and Economic Prosperity (February 2020):** A Masterclass on "*Home Ownership and Economic Prosperity*" was held at the Social Media Week Lagos 2020 in February 2020.

e. Public lectures and seminars

- I. **Political Economy of African Cities and the Realization of the SDGs (September 2020):** Astrid R.N. Haas, an urban economist with wide experience spanning government and non-governmental organizations across multiple developing countries was the facilitator at the Public Lecture. This was held virtually and streamed live on Facebook: <https://www.facebook.com/chsd.unilag/>
- II. **Beyond the Market State: harnessing the potential of the Commons (March 2020):** The Centre successfully hosted Silke Helfrich to deliver a public lecture and multidisciplinary workshop on "*Beyond the Market State: harnessing the potential of the Commons*".
- III. **Determinants of Location Choices by Slum Dwellers in Lagos Megacity (February 2020):** The Centre's Pro-poor governance and urban management cluster held a seminar on the *Determinants of Location Choices by Slum Dwellers in Lagos Megacity*, in February, 2020 at the University of Lagos.
- IV. **Assessment of Contemporary Global Environmental Health Challenges through The Geo Spatial Lens: Opportunities Challenges, and Limitations (January 2020):** The Centre's Spatial Data Infrastructure and Urban Health and Liveability clusters successfully hosted a guest speaker Dr. Abiodun Oluoyomi from Baylor college of Medicine Houston Texas in January, 2020. He delivered a lecture on "*Assessment of Contemporary Global Challenges through the geo spatial lens: opportunities, challenges and limitations*".



f. Conferences

- I. **The First Annual Conference of the African Research Network on Urbanization and Habitable Cities (October 2020):** The conference was on presentations of the Scoping Studies Research carried out over the grant year. It was hosted by the University of Cape Town. Link to communiqué: <https://chsd.unilag.edu.ng/?p=1088>
- II. **Looking for and learning from public spaces in African cities (2020):** **The Centre** hosted the conference "*Looking for and learning from public spaces in African cities*" on the 21st of February 2020, in collaboration with IFRA-Nigeria, ENS-Paris and several other organizations. This conference gathered about 90 people, composed of academics, students but also artists and urban actors from Lagos.



g. Webinar/COVID-19 Research activities:

Due to the COVID-19 Pandemic, the Centre responded by taking up research activities to address some of the issues created by the pandemic. The following activities were undertaken;

- I. **COVID-19 and African Cities Webinar Series (July–September 2020):** The Centre hosted a series of webinars with Network partners and other scholars and practitioners across Africa on the COVID-19 pandemic and their cities. Discussions centered on themes such as *data collection, slum management, governance, urban infrastructure, environmental strategies and municipal financing*. Over 10 African cities were featured in the discussions; 27 universities and 400 people registered and participated. Speakers were drawn from academia, industry, communities and governance sectors.
- II. **COVID-19 and African Cities Blog Series (March–September 2020):** The Centre sent out invites for short articles on the COVID-19 pandemic in African Cities. 42 researchers reflected on COVID-19 and its effects on African cities from a variety of perspectives ranging from transportation to gender based violence to tourism and envisioning post COVID-19 cities. Please read here: <https://chsd.unilag.edu.ng/?cat=1>.

h. Advocacy And Engagement With Stakeholders/Industries And International Organisations/Institutions

- I. **Lagos State Resilience Strategy (February 2020):** The Centre was the technical partner to the Lagos State government on the Lagos resilience strategy. The Centre's Researchers were engaged by the 100Resilient Cities of the Rockefeller Foundation to develop a resilience Strategy for Lagos State.
- II. **Neighbourhood Level Research Post-Workshop Community Engagement Meeting (January 2020):** This took place on the 14th of January, 2020 at the Centre.
- III. **World Urban Forum 2020:** The Centre participated in the research carried out at the Tenth Session of the World Urban Forum (WUF10), which was hosted in Abu Dhabi between the 8-13th of February, 2020.
- IV. **Statement on World Habitat Day 2020:** "Housing for All: A Better Urban Future. This is a condensation of the position of the CoE Partners and Research Clusters in commemoration of the World Habitat Day and is available at <https://chsd.unilag.edu.ng/?p=1253>
- V. **Urban October 2020:** *Focusing Housing as an Opportunity for Urban Regeneration in Africa.* This was a release from the ARUA-CoE on behalf of the network on World Habitat Day. Link to report: <https://chsd.unilag.edu.ng/?p=1080>.
- VI. **Enhancing the Value of Sustainable Urbanization in Nigerian Cities and Communities:** This held as a webinar on World Cities Day in October 2020 in Collaboration with the United Nations Information Centre Lagos, Nigeria, UN Habitat Nairobi, Kenya and Institute of Nigeria-China Development Studies, University of Lagos.



i. Publications

- II. **Housing and the SDGs in Africa:** This book of chapters interrogates the linkages and connections between housing and the Sustainable Development Goals in African cities, in nine countries across Africa. The book of chapter has sixteen chapters and was published under the Advancement in 21st Century Human Settlements Series of Springer Nature. Link book: <https://www.springer.com/gp/book/9789813344235#aboutBook>
- III. **African Journal of Housing and Sustainable Development:** The Centre also launched the first volume of its journal called African Journal of Housing and Sustainable Development in 2020.
- IV. **Other publications:** In addition to these flagship publications, researchers from the Centre contributed to a total of fifteen journal articles, ten book chapters and also 4 short articles.



2.3 2021 ACTIVITIES

b. Research:

The Centre set up teams of multidisciplinary researchers drawn from academic institutions across the Sub-Saharan African region to conduct scoping studies on varying topics related to *informality and inequality in urban Africa*. The scoping studies focused on 8 dimensions of informality and inequality across 8 African cities, including Cape Town, Nairobi, Banjul, Osogbo, Lagos, amongst others. Fifteen Transdisciplinary writing teams from across the CoE partner universities and stakeholder groups were involved in the project. In line with our focus on inclusive across gender and academic careers, at least one female and one early career researcher was a part of the team. In addition, at least one member was selected from non-academic circles to ensure relevance to society. The completed reports are currently being prepared for publication. Kindly look out for further information at <https://chsd.unilag.edu.ng/>



c. Grant Activities

- I. **AHRC Grant:** The Centre completed its 143 thousand GBP research Grant from the Arts and Humanities Research Council of UKRI this year. The grant brought a multi-disciplinary team from the Built Environment, Creative Arts, English literature and History to research on COVID-19 Adaptation Strategies of Residents of Multi-tenanted Housing in Lagos Nigeria. Media, community and government agencies supported the research.
- II. **UKRI-GCRF ARUA Research Excellence Grant:** In collaboration with Addis Ababa University, Makerere University and University of Sheffield, the Centre won a grant of £1,990,844.00 on Migration, Urbanization and Conflict in Africa: Towards Peaceful Urban Futures (2021 – 2023). Participating African Universities are Hawassa University, University of Jos & Gulu University.
- III. **WITS-TUB-UNILAG SDGs Urban Lab:** this is a DAAD funded Program for graduate and postdoctoral studies. It was born out of collaboration between University of Lagos, Technical University, Berlin and University of the Witwatersrand, Johannesburg. It took off in 2021 with scholarships granted for 1 Postdoctoral researcher, 4 PhD students in Sustainable urbanization and 4 MSc students in Urban management.
- IV. **British Academy Humanities and social Sciences Tackling Global Challenges Programme supported under the Global Challenges Research Fund (2021-2023):** In collaboration with Dr. Eghosa Igudia of Se Monfort University and Prof. Robert Ackril of the Nottingham Trent University, the Centre's researchers is continuing on the grant: "Inclusive Poverty Reduction: in search of a policy framework to support individuals operating in the Informal Economy in Lagos, Nigeria."



- V. British Academy Urban Infrastructures of Well-Being Programme on *Pneuma-city: Frictional Infrastructure, Sustainable Urban Ecologies and Circular Economies in West African Mega-Cities* (2021-2023) and *Research on Informal Appropriation of public spaces and urban infrastructure* (2020-2022) are ongoing.
- VI. Grant from University of Edinburgh – Centre for African Studies on *Gender differentials and Public Transportation in Lagos Nigeria* (January – June 2021): Catalyst Non-Residential Fellowship – individual.
- VII. Cambridge-Africa ALBORADA Research Fund COVID-19 Emergency Awards on *Sentiment and opinion analysis of public space physical activity in Lagos during lockdown* (2020-2021): A data-driven approach to developing context-aware public health messaging to reduce disease vulnerability and improve COVID-19 control, this was in collaboration with University of Cambridge.
- VIII. **The educational opportunity for building a resilient future. (December 2019 – March 2021):** In collaboration with (University of Sydney, Waikato, Queensland University of Technology, Heriot Watt). Funded by Royal Academy of Engineering Frontiers of Development Seed funding programme was completed in 2021.

d. Workshops:

- I. Capacity building workshops for all cadres of researchers are a core part of the activities of CHSD's activities. The workshop on „*Comparative approach to researching informality and inequality in urban Africa*“ (4th& 5th February 2021) examined extant theories useful for guiding research on informality and inequality from an African perspective, and also introduced comparative research and its methodologies to participants.
- II. A 2-day Safeguarding Workshop was also organized on the 29th & 31st of March 2021 to educate and train the cluster leaders, cluster managers and network partners of the ARUA Centre for Urbanization and Habitable Cities on the principles and practices of safeguarding in international development research.
- III. Building on its successfully executed AHRC Grant, the Centre also held a capacity building workshop on „*Strengthening multi-disciplinary research in African Universities*“ on February 1, 2021. It showcased early career researchers who were Co-Is in the project, while motivating the participants on the urgent need to embrace multidisciplinary.
- IV. The Centre under the Wits-TUB-UNILAG Urban Lab program organized two workshops promoting *gender scholarship in education and academic research* and „*Turning Research into Practice*“. Both were really successful attracting participants from across African universities.
- v. CHSD and Heinrich Boll Foundation also held a 3day workshop on local governance and basic service provision in urban communities, to strengthen the capacity for negotiating and networking power of community stakeholders to demand for water and other basic services. Community, government and civil society groups attended from Lagos, Abuja, Onitsha and Kano.



e. Masterclasses:

Two blended masterclasses were hosted by our African partner universities in 2021. The first, on *Application of Cloud and Fog Computing with IoT for City Sustainability* was hosted by the American University of West Africa, the Gambia while the other on „*Qualitative methods in academic research*“ was hosted by the Obafemi Awolowo University Cohort of the Network.



- f. **Public Lectures:** Two public lectures were held this year. The first was titled: *Leading inclusive change in affordable housing and development in African Cities* which was hosted by the University of Cape Town, South Africa. The other, was titled *Pathways for Healthy and Resilient Slums in Lusaka after Covid-19: Rethinking the rationalities and geographies of Urban services in the era of Pandemics* which was hosted by University of Zambia. Both attracted high-level public-sector actors, practitioners, students, media, and academia.



g. Conferences:

The Centre held the 2nd Annual Conference of The African Research Network for Urbanization and Habitable Cities (virtual) on the theme „*Informality and Inequality in Urban Africa*“ on October 19, 2021. In his opening remarks, the Vice Chancellor of the University of Lagos,



Professor Oluwatoyin Ogundipe noted the timeliness of the conference which attracted 24 universities, 16 co-authored papers across 19 specializations with focus on 7 cities. A book of chapters is being published from the papers presented. The Centre held parallel sessions at the Housing Studies Association 30th Anniversary Annual Conference 2021 and also the ARUA Biennial Conference in Pretoria South Africa

h. Webinars:

The Centre also hosted a webinar series for its 8 research clusters, in collaboration with 6 University partners across Africa. Topics ranged from homelessness, to informality and inequality in the construction sector and urban land markets, PropTech and the African real estate market, equitable infrastructure development and Health Governance Perspectives on post COVID-19. All had a uniquely African bias.

i. Advocacy:

In commemoration of the World Habitat Day, the Centre published a statement written by the Centre Director, Professor Timothy Nubi on the topic „Accelerating urban action for a carbon-free world“. The statement is available at <https://chsd.unilag.edu.ng/?p=2037>



j. Publication:

This year, we also launched the Ajegunle-Ikorodu Community Resilience Action Plan, which was co-produced with community members, with support from the Heinrich Boll foundation and launched in collaboration with the Lagos Resilience Office.



k. New membership

The Centre became one of the founding institutional members of the Global Alliance for Inter- and Transdisciplinarity (ITD Alliance). ITD Alliance represents the coming together of institutions and individuals seeking to strengthen and to promote the global capacity and calibre of boundary-crossing research and practice.

l. Research fellow

The Centre received Dr Saheed Matemilola, from the Brandenburg University of Technology Cottbus-Senftenberg, Germany for a 6-month fellowship funded by GIZ in September 2021. Saheed specializes in circular economy and sustainable built environment.

m. Volunteering scheme

The Centre commenced a volunteering Program which is dedicated to providing access to young people and professionals for hands-on capacity building in the African built environment sector. Volunteers are engaged in CHSD's activities, helping to develop their leadership, research, and networking skills.



RESEARCH ACTIVITIES OF THE ARUA CENTRE OF EXCELLENCE FOR UNEMPLOYMENT AND SKILLS DEVELOPMENT (ARUA, CoE-USD) FOR THE YEARS 2019-2020

1.0 Background of the ARUA, CoE-USD

Youth unemployment remains a crucial challenge dominating political thinking on global development agendas, and the menace of youth unemployment is more severe in Africa than any other continent of the world, with the rate of youth unemployment at average of 23.5 percentages in Sub-Saharan Africa. The current realities revealed this astronomical rise in youth employment in Africa as a time bomb if urgent and deliberate steps are not taken. **The African Research Universities Alliance Centre of Excellence for Unemployment and Skills Development (ARUA, CoE-USD)** is taking the initiative to develop a comprehensive international Stakeholder partnership for the advancement of a holistic strategy to tackle the crisis of youth unemployment in African countries. This is done through research and capacity building of participating Faculty Members in entrepreneurship and skills development programs that re-orientate the youth towards self-independency and confidence to create jobs and become employers of labour.

Our focus has been on; continuous research and projects that intend to identify key factors to tackle the challenge of youth unemployment in African countries; providing platforms to engage young people and stakeholders as active actors in exploring solutions for creating economically productive future for the youth. We further focus on advancing the course of providing sustainable solutions to the menace of unemployment in alignment with **SDGs 1, 2, 5, 8, 9, 12, 16 & 17**.

The ARUA, CoE-USD is one of the 13 Centres of Excellence of ARUA situated in the University of Lagos, Nigeria. The Centre's PRAC-4-YUSA project is currently being funded by the ARUA-UKRI, GCRF Grant to the tune of GBP600,000, which commenced from September 1, 2019 and will be ending August 31, 2022. ARUA, CoE-USD has since commenced the implementation of its capacity-building project with particular focus on youth unemployment crisis in Africa and the integrated solutions involving research, collaborations across sectors viable for deployment to combat this menace in Africa.

Since 2019, the ARUA, CoE-USD has been committed to research and collaborative activities that are designed to foster youth unemployment solution-driven interventions in Africa by leveraging the potentials of entrepreneurship, youth innovations, and skills development.

Our research areas and focus cover Youth Unemployment in Africa; Entrepreneurship and Skills Development; Sustainable Development Goals; Innovation and Technopreneurship; International Entrepreneurship; Business Development and Born Global, etc. Besides research, our Centre is poised to delivering four (4) key activities inclusive of Capacity Development of faculty members; Capacity Development of African Youths (YoBIC); Trainings and Workshops for Doctoral Students; as well as International Academic Conferences and Workshops.

Since inception, we have been committed to leveraging the intellectual and financial support of our strategic partners in the academic space and in the industry, both locally and abroad. Of significance is the Parent body – the African Research Universities Alliance (ARUA). We have four Spoke Partners across the Continent of Africa namely the University of Nairobi (Kenya), the University of Kwazulu-Natal and the Cape Town University (South Africa), and the University of Ghana (Ghana). The Carleton University (Canada), the University of IOWA (USA), the Coventry University (UK), and the Tecnologico de Monterrey (Mexico) are a few of our partners beyond the shores of Africa.

3.0 Research Activities under the years of review (2019-2020)

Research Activities in 2019

3.1.1 *The Framing Workshop (15th – 16th October, 2019)*

This was a two-day Workshop with the theme, “**Youth Unemployment Crisis in Africa and the Search for Research and Entrepreneurially Motivated Solutions.**”

This Workshop brought together participants from three of the ARUA, CoE-USD Spokes in West Africa (i.e. University of Ghana), East Africa (i.e. University of Nairobi, Kenya), and South Africa (i.e. University of Cape Town, South Africa).

Figure 1: Group photograph of the Participants



3.1.2 *The ARUA Biennial International Conference (18th – 20th November, 2019)*

The ARUA, CoE-USD participated actively during the 2019 edition of the ARUA Biennial International Conference in Nairobi, Kenya. During the Conference, which took place at the University of Nairobi, we hosted an International Workshop with the theme: “**Youth Employment Crisis and the 4th Industrial Revolution: How Prepared is Africa?**”

Figure 2: Group photo at the University of Nairobi



The Conference on Land Policy in Africa (CLPA), Abidjan (25th – 29th November, 2019)

The ARUA, CoE-USD was represented at the Biennial Conference on Land Policy in Africa, Abidjan, Cote d'Ivoire, where a member of staff of the Centre presented a paper with the title “Innovations in Government and Public Administration of Land in Lagos State.”



The First TechWomen Alumni International Conference, Lagos (17th December, 2019)

The ARUA, CoE-USD successfully partnered with the TechWomen Nigeria to deliver the maiden edition of the TechWomen Alumni International Conference. This was proudly sponsored by the U.S. Mission, Lagos, Nigeria. The new Consular General of the U.S. Mission, Lagos attended this event.

Figure3: Group photo at TechWomen



This Partnership gave birth to a significant collaboration between our Centre and the United States of America (US) Mission, Lagos. Consequently, we launched into the Year 2020 with a powerful Grant Writing Workshop that was sponsored by the US Mission.

Research Activities in 2020

1.2.1. *The U.S. Mission-UNILAG Fulbright In-Country Meeting (January, 2020)*

The ARUA, CoE-USD hosted a Grant-Writing Workshop for both academic staff and Post-Graduate Students of the University of Lagos. This was organized in collaboration with the U.S. Mission, Lagos, Nigeria. We had in attendance 9 Fulbright Scholars, 80 academic staff members and 70 P.G students.



3.2.1 *The ARUA, CoE-USD Webinar Series*

The ARUA, CoE-USD successfully organized two Webinar Series in the July and August, 2020 to celebrate the “World Youth Skills Day (WYSD’2020)” and the “International Youth Day (IYD’2020)” respectively.

(a) **World Youth Skills Day (WYSD’2020)**

This was a virtual event, which we organized on Wednesday, July 15, 2020 with the broad theme: “**Resilient African Youths and Tomorrow’s World of Work – What Employability and Entrepreneurial Skills will be required?**”

In line with the mission of the ARUA, CoE for USD for developing innovative solutions to youth employment challenges in Africa, we joined the rest of the world to celebrate the recognition of the International Youth Day (IYD) among African youths in general.

1.2.2. The First ARUA, CoE-USD International Conference, 2020

The First ARUA, CoE-USD International Conference 2020 took place from Wednesday, December 02 to Friday, December 04, 2020 with the broad theme: ***“The Deepening Youth Unemployment Crisis in Africa Occasioned by COVID-19 Pandemic: What Options Available for the Rescue?”***.

The Conference kicked-off with a welcome Cock-Tail Party held on Tuesday, December 01, 2020 at the University of Lagos (Nigeria).





(ii) 10 Best Paper Award per Track

The best paper in each Track was identified, recognized and rewarded accordingly with a **Cash Prize of £200 each**.

(iii) Proposed Publication of a Special Issue

It is our plan to publish the **Ten Best Papers** in a Special Issue in the ARUA-JAEESD by February, 2021. This will be followed by three other issues during the last three Quarters of the Year 2021.

(iv) Side-Attractions

As a way of promoting networking and team bonding among the Conference participants, we organized the ARUA, CoE-USD Jerusalem Dance Challenge 2020.

(c) The Africa-Youth Business and Innovation Challenge (YoBIC 1.0), Nigeria' 2020

The processes leading to the Continental Finale of the Africa-Youth Business and 5Innovation Challenge (YoBIC) started in October, 2020. This was followed by the release of the Call for Expression on the 12th of October, 2020.

As it was conceived, the Continental Finale of the YoBIC (Nigeria 2020) took place on Day-3 of the ARUA, CoE-USD International Conference 2020 among four Teams representing Ghana, Kenya, Nigeria, and South Africa respectively.

Purpose of this event:

YoBIC is an innovation capacity building program for the African youth of participating countries in the PRAC-4-YUSA Project. This is a cardinal program for the African Youth to secure an opportunity to pitch their designed innovation for a seed fund of £3,000.00.

ARUA Centre of Excellence for Unemployment and Skills Development
Youth Business and Innovation Challenge 2020 (YoBIC 1.0)
"The Deepening Youth Unemployment Crisis in Africa Occasioned by Covid-19 Pandemic"
What Options Available for the Rescue?
In-Country National Competition (October 17-November 20, 2020)
International Competition for the Winners in Nigeria, West Africa
To Register:- <https://cutt.ly/SouthAfrica>

About YoBIC
As part of our Youth development program in ARUA, CoB-CED, Day-3 of our 2020 International Conference Program has been fully dedicated to our cardinal program for the African Youth to secure an opportunity to pitch their designed innovation for seed-fund. The International Finals shall happen in Lagos, Nigeria on December 3-4, 2020.

YoBIC is an innovation capacity building program for the African youth of participating countries in the PRAC-4 VUBA Project, to compete for the Business Seed-fund of GBP5,000 through winning a business and innovation competition challenge that focuses on solving African problems. Solutions are expected from the following Five (5) areas of focus: Agriculture, Health, Circular Economy (i.e. Waste Management, Recycling etc), Infrastructure (i.e. Transportation, Construction etc) and Financial Inclusion (i.e. Fintech, Rural / Gender Financial Inclusion, E-Commerce etc)

Required Deliverables and Timelines

S/N	Description of Events	Timelines
1	Send out the call for expression of interest	October 13, 2020
2	Form youth into groups of 2 or 3 or 4 youth at least one female and one male as well as holding Workshop and training of Participants from Model Countries (BMC) (Virtual or Physical)	October 17, 2020
3	Students settle down to work on the identified challenges in their area of focus	October 17-21, 2020 (Any of the days)
4	First demonstrative pitch for inputs of experts	November 11, 2020
5	Students go back to improve their design	November 11-15, 2020
6	National Pitch among the 5 Teams	November 16-20, 2020 (Any of the days)
7	International Competition of the Winners in Nigeria	December 3-4, 2020

N.B. Students do not necessarily need to be from Spoke Partners Universities alone, but can be interested youth that are ready to work together across universities in your countries.

Guidelines for Expression of Interest
Interested Students/Youth who are willing to participate in this challenge should contact the following persons in their country of origin (Kindly note that only 5 Teams are allowed in each country):
Nigeria: University of Lagos, Nigeria: Dr. Sunday Adebisi- sadebisi@unilag.edu.ng and Dr. Ayodele Shittu- ishittu@unilag.edu.ng
South Africa: University of Cape Town (Prof. Adebisi- adebisi@unilag.edu.ng and Dr. Ayodele Shittu- ishittu@unilag.edu.ng)
Windapoc: alembola.scholar@unilag.edu.ng
University of KwaZulu Natal (Prof. Keshi Govinden- GOVINDER@ukzn.ac.za)
Kenya: University of Nairobi, Kenya (Prof. Jackson Mwahe- jacksonmwahe@unilag.edu.ng and Dr. Joy Mueni- joy@unilag.edu.ng)
Ghana: University of Ghana, Accra (Dr. Charles Acha- acha@unilag.edu.ng)
Dr. Priella Baffoe - pbaffoe@unilag.edu.ng

The Challenge focuses on **Five (5) Areas** as follows:

- (1) Agriculture
- (2) Health
- (3) Circular economy (i.e., Waste Management, Recycling, etc.)
- (4) Infrastructure (i.e., Transportation, Construction, etc.)
- (5) Financial inclusion (i.e., Fintech, Rural/Gender Financial Inclusion; E-Commerce, etc.)

4.0 Photograph of the Director and the full name

Associate Professor Sunday Abayomi Adebisi



5.0 Centre's Contact Details

Right Wing, 1st Floor
Entrepreneurship and Skills Development Centre (ESDC)
University of Lagos

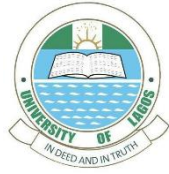
i. E-mails

arua_usd-coe@unilag.edu.ng sadebisi@unilag.edu.ng ishittu@unilag.edu.ng

ii. Website

www.arua-coe-usd.com

iii. Telephone Numbers (+234) 8028263032, (+234) 7032732296, (+234) 8052335082



INSTITUTE OF NIGERIA-CHINA DEVELOPMENT STUDIES

UNIVERSITY OF LAGOS

RESEARCH REPORT 2019 - 2021

NIGERIAN SCHOLAR VISITATION TO CHINA DURING THE BELT & ROAD INITIATIVE (BRI) CONFERENCE

The Chinese Consulate Office in Lagos as part of her own contribution to deepening the relationship between Nigeria and China and also to increase the awareness of Nigerians on the BRI programme, sponsor a delegation of Nigerian Scholars for a Seven-day visitation to key research institution and business centre in China.

The delegation comprised of:

1. Professor Ben Emukufia Akpoyomare OGHOJAFOR - Deputy Vice Chancellor, University of Lagos
2. Professor Olufemi Muibi SAIBU - Director, Institute of Nigeria-China Development Studies, University of Lagos
3. Mr Abiodun OSINOWO -Representing the Managing Director Punch Newspaper Nigeria Limited
4. Mrs Rita Chinyere AGU Research -Fellow, Nigeria Institute of international Affairs, Lagos
5. Mrs Agatha Chinasa UGWUANYI - Research Fellow, Nigeria Institute of International Affairs, Lagos
6. Mr Zhang, Chinese Consulate Officer and Head of the Delegation



The delegates left for China on Tuesday April 23, 2019 to Beijing and returned back to Nigeria on Wednesday May 1, 2019. The delegation made visits to:

1. Meeting with Centre for Africa studies of China Foreign Affairs University
2. Centre for Belt & Road initiative Studies of China Institute of International Studies
3. YIWU Small Commodities International Market
4. Meeting with YXE China-Europe International Railway Express Company

The visit was a great opportunity to understand the development that have taken place in China over the years. The opportunities for the Institute and Nigeria in the BRI and also an avenue to appraise the situation and identify areas where we can collaborate

The clear highlights of all the meetings are:

1. Nigeria has a greater potential to gain from joining the BRI network.
2. That the University and institute have a greater role to play in educating, facilitating and providing empirical evidence for policy making and designing appropriate bilateral agreement to foster the mutual benefits from the BRI programmes.
3. That there are several areas of academic and cultural exchanges that can still be explored for mutual benefits.
4. There are several investment and business opportunities that China can bring into Nigeria in areas of agriculture, commerce and industry that will be beneficial to both countries.
5. That we need to open a more formal discussion between the two institutions to strengthen our bilateral discussions on these areas of collaboration.



NIGERIAN DELEGATES OF AFRICAN EXPERTS AND SCHOLARS VISIT TO CHINA FROM JUNE 23 TO JULY 7, 2019

The China-African Institute as part of her own contribution to deepening the relationship between Sino-African relations, ties, engagements discourse, perceptions and awareness of BRI programme and follow up action on 2018 Beijing Summit of the Forum on China, sponsored a delegation of African Experts to a visitation to key government and research institutions in China. Prof. Olufemi Saibu and Dr. Adetoro Banwo were part of the African delegation.

The commitment and acceptance of the Chinese Government to use its Forum for China-Africa Cooperation (FOCAC) and Belt and Road Initiatives (BRI) as platforms and initiatives for building a stronger economic and social tie, a stronger China-Africa community and a community with a shared future for humanity is no more in doubt. Several resources have been committed and a lot of bilateral agreements have been signed which have made China, the



highest single financier of infrastructural development in Africa. China has become the most open and liberal in her financial assistance to Africa and the only developed country that sees Africans as partners and not pampers in development assistance and international bilateral relations.

The China Academy of Social Sciences (CASS), a conglomerate of several research institutions and a University for Social Sciences and Humanities, established the China-Africa Institute in April 2019 as part of its initiatives to strengthen and expand the scope of the BRI and FOCA in Africa. The Institute which is housed under the auspices of Institute of West Asia and African Studies (IWAAS) is important step for increasing people--to-people exchanges between China and Africa, to pool together network of resources persons from Chinese and African academic communities and serve as think-tank to deepens

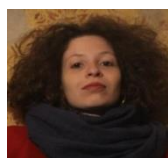
mutual understanding and friendship between the two peoples and offer ideas and recommendations for China-Africa cooperation and cooperation with others, thus serving as a vehicle contributing to the growth of China-Africa relations for mutual benefits and development.

The Institute of West Asian and African Studies as a follow up to the inauguration of the Institute and in attempt to putting meaning to the agenda of the institute, invited scholars from Africa countries not only to attend the opening ceremony of Coordinators conference of FOCAC but to also seek a wider consultations and build a pool of researchers, scholars, academics and stakeholders from both African and Chinese Institutions to put content to the ideas and ideals of the institute in lie with its core objectives.

VISITING SCHOLARS

The Institute has successfully hosted two visiting fellow/scholars with the year who came to Nigeria to undertake part of their research work. The Institute will be looking forward to hosting another visiting fellow/scholar soon.

Daniel Waters is a Research Fellow from the Maastricht University—United Nations University, Netherlands. His area of research involved Investigating China's growing involvement in Sub-Saharan African academia and also the improving the structure and utilisation of research funding. His visit was in June, 2019.



Anna Loschiavo is visiting scholar from the University of Pavia, Italy. She is currently focused on Africa and Asian Studies. She visited the Institute from November 1, 2019 to December 5, 2019 to research on Trade Misinvoicing, Base Erosion and Profit Shifting and Illicit Financial Flows: How Oil and Gas Corporations Evade Taxes in Nigeria, 1999-2018.

KEY EVENTS DURING THE VISITS

There were meetings with the following bodies:

1. China-African Institute and Seminar on the China-African Relations and the Belt and Road Initiative.
2. Coordinators Conference of FOCAC
3. Xian International Studies University to discuss the Belt and Road Initiative and China-Africa Exchanges on Languages and Culture.
4. Northwest University of Political Science and Law to discuss China-Africa Exchanges on Law Culture.
5. Yanan city government on Local Targeted Poverty Alleviation, Industrial Development and Environmental Protection.
6. China Executive Leadership Academy, Yanan on the Government Experience and the Chinese Communist Party of China.
7. Chinese Academy of Sciences on China-Africa cooperation projects on Agricultural Development.

8. Communication University of China on Media Representation and Rebranding of Countries.
9. International Poverty Reduction Centre on Chinese Approaches of Poverty Alleviation.
10. Ministry of Foreign Affairs on China-Africa Relations

ACHIEVEMENT OF THE VISIT

After the various visits and consultations with the organizations and agencies, the team had a discussion with the Director-General of Institute of West Asian and African Studies and who is the Vice president of China-Africa Institute to discuss the outcomes of our visit and firm up our future relationship with upon for actions the Institute. At the meeting, the following are some of the resolutions made and agreed up.

1. MOUs with China-African Institute
2. Joint research projects
3. Book projects
4. Annual Conference
5. Book Translation Project
6. Relationship Engagement
7. Co-operation Issues



SPECIFIC ACHIEVEMENTS BY NIGERIAN TEAM

1. Due to our active participation and contributions during the Visit, we were able to secure
2. Dr Adetoro as the deputy of the leader of Delegation
3. Started a preliminary discussion of establishing a China-Africa Research Center in UNILAG
4. Postgraduate Fellowship opportunities for UNILAG at the China African Institute
5. The First Conference on China Africa Relation
6. Established formal discussions on MOUs exchange with three Universities and ten (10) others being initiated
7. Formalized a one-month Visiting Professorship with a Professor from China Africa Institute at the Chinese Academy of Social Sciences (CASS)

The Belt and Road Initiative and the International Symposium on African Integration and Development" host by the China African Research Institute

On September 16, 2019, the International Symposium on the Belt and Road Initiative and Africa's Integrated Development was held in Beijing and it was hosted by the China-Africa Research Institute. The seminar was attended by more than 100 participants from 10 African countries and domestic relevant departments and research institutions, university officials, experts and scholars, media personalities and business representatives. The seminar was held in three sessions on the topics of "The Belt and Road Initiative to Promote the Process of African Integration", "China Factor in Infrastructure Construction in Africa" and "Africa's Industrialization and China-Africa Capacity Cooperation". Ambassador Liu Guijin, the first Special Representative of the Chinese Government for African Affairs, Professor Sande Ngalande, Dean of the Confucius Institute at the University of Zambia, Professor Li Anshan of the School of International Relations of Peking University, and, President of the Chinese Association for African History, presided over the three sessions. Chinese and foreign experts and scholars will conduct in-depth discussions on these issues.



SEMINAR ON RESEARCH AND COLLABORATION OPPORTUNITIES WITH CHINESE INSTITUTIONS ON AUGUST 22, 2019

The Seminar on Research and Collaboration Opportunities with Chinese Institutions was prompted by a visit made by some African scholars to China from June 23 – July 7, 2019. Following the interactions had with various institutions in China, the China-Africa Institute is requesting the Institute of Nigeria-China Development Studies (INCDS-UNILAG) to facilitate the process of building a network of Scholars and Experts for research on China-Africa relations. The core aim of the network is to improve the people-to-people agenda of the Belt and Road Initiative (BRI) and the Forum on China-Africa Cooperation (FOCAC). During the last visitation of African Scholars to China, some topics and research themes were highlighted and streamlined for immediate actions and sponsorship. The Network which is the China-Africa Research Network (CARENET) is not only open to academics, but it is also open to professionals in the corporate world, the media, and the public service who are interested in contributing scholarly to the improvement of China-Africa relations.

The Researchers and Experts will eventually become Fellows and Associate members of the China-Africa Institute under the Chinese Academy of Social Sciences with all attached privileges. The INCDS-UNILAG, therefore, organized the interactive session and enlightenment programme for members of staff of the University of Lagos interested in working with the INCDS-UNILAG and the China-Africa Institute on these research projects.



NIGERIA-CHINESE INVESTORS FORUM ON NOVEMBER 22, 2019

The success of a visit by the Institute of Nigeria-China Development Studies, University of Lagos to the Manufacturers Association of Nigeria on November 12, 2019, culminated in an agreement to collaborate, prepare and sign an MoU between MAN and UNILAG. In addition, there was an agreement between the two bodies to schedule a forum on Friday, November 22, 2019 at China Town, The reason for this event was to kick start collaborative activities between INCDS-UNILAG and MAN with the view to bringing together Nigerian and Chinese investors under the same roof with the view of identification of problems existing between them; bring an understanding of the identified problems; proffer solutions to these identified problems; and to sensitize the opportunities of the collaborative activities of INCDS-UNILAG, MAN and other stakeholders through the forum.

Speeches/Presentations were made by Chief Ronnie Liu, Chairman, Chinese Investment Association for Development and Promotion; Mr Segun Ajayi-Kadir, Director-General, Manufacturers Association of Nigeria; Prof Mathew Tsamenyi, Professor, China Europe International Business School Africa; Prof Olufemi Saibu, Director, Institute of Nigeria China Development Studies; and Mr Maji Aileku, Standards Organisation Nigeria.

The forum was fertile environment to shed light on the disparity of knowledge between the Nigerians and Chinese investors which was evident as to the challenges of visa challenges for manufacturers who have had a long history of doing business in



China; the subsequent drop in quality of raw materials supplied by Chinese businesses after initial high quality supply to Nigerian buyers; the problem of securing redress for grievances upon poor output from Chinese suppliers; and the problem of finding reputable businesses in Nigeria to link with for Chinese investment in Nigeria. As a result, there was a recognition for a greater harmonization of activities to ensure these businesses can adequately find the right person to partner with them in business engagement and to debunk general misconceptions.

WORLD CITIES DAY 2020 WEBINAR

The Institute organised a webinar in collaboration with the United Nations and the Centre for Housing and Sustainable Development to commemorate World Cities Day 2020 with the **theme: Enhancing the Value of Nigerian Cities and Communities**. The webinar was held on 6 November 2020 and was well attended with participants from within and outside Nigeria.

INCDS SEMINAR SERIES

20 May 2020

Macroeconomic impacts of COVID 19 Pandemic on Nigeria: Implications and Policy Responses

Dr Lukman Oyelami - Lecturer, Distance Learning Institute, University of Lagos

27 May 2020

Effect of Covid-19 on China-Africa Science and Technology Linkages

Olasunmbo Ayanfeoluwa Olusanya PhD - Lecturer, Department of Employment Relations and Human Resource Management, University of Lagos

3 June 2020

Rekindling Economic Performance in the post-Covid-19: What Type of China's BITs is important for Africa?

Patrick Ejumedia - PhD candidate, Department of Economics, University of Lagos

10 June 2020

Altruism or Trade Motive: What Determines China's Financial Aid to African Oil Exporting Countries

Gold Kafilah Lola PhD, University of Malaysia

17 June 2020

Pro-poor Growth in Nigeria. What Should be Policy Approach and Response in Post-Covid-19 Era

Afeez Jayeola PhD

24 June 2020

A Sociological Analysis of Health Seeking Behaviour and Practices among Nigerians during Covid-19 Pandemic Lockdown

Olarotimi S. Raji PhD- Lecturer, Department of Sociology, Lagos State University

1 July 2020

Economic Recession and Child Labour in Nigeria: A Quantile Regression Approach

Ajuwon Oluseye PhD - Lecturer, Department of Economics, University of Lagos

8 July 2020

Impact of Chinese Foreign Direct Investment on Manufacturing Sector in Africa

Opeyemi Alaran - Head of Research, Information Technology and Policy Development
Nigerian Association of Chambers of Commerce, Industry, Mines and Agriculture

15 July 2020

Do Stock Market Returns Drive Inflows of Foreign Investments to Africa?

Joel Owuru - Lecturer, Department of Economics, Augustine University

22 July 2020

Inclusive Human Development and FDI Inflows to Africa Nexus: Does Local Macroeconomic Condition Matter?

Arogundade Sodiq Tunde - PhD candidate, School of Economics and Econometrics, University of Johannesburg, South Africa

14 October 2020

Revenue, Welfare and Trade Effects of African Continental Free Trade Agreement (AfCFTA) on Nigerian Economy

Dr Lukman Oyelami - Lecturer, Distance Learning Institute, University of Lagos

ACTIVITIES IN 2021

RESEARCH AND GRANTS FROM TETFUND AWARD

The Institute successfully defended its budget to secure an award to conduct a research project titled **Institutional Quality, SMEs Productivity, GVCs Participation and Export Intensity in Nigeria** which commenced in 2021.



10 March 2021

A Critical Analysis of Pottery Making in Nigeria Cottage Industry and the Nigerian Economy

Dr Adebowale Ayobade - Lecturer, Department of Social Work, University of Lagos

12 May 2021

Modeling the Impact of Non-Tariff Barriers in Services on Intra-African Trade: Global Trade Analysis Project Model

Dr Lukman Oyelami - Lecturer, Distance Learning Institute, University of Lagos

EU TO AFRICA CONNECT - ERASMUS+ JEAN MONNET MODULES GRANT

The Institute in collaboration with partners within the University of Lagos, University of Pavia and in Kenya was awarded an EU grant under the Erasmus+ Jean Monnet Modules for the project titled: **Africa- European Union Connectivity** with the acronym **EU-Africa Connect** and form a cohort for promoting European studies in the University of Lagos is poised to establish a Jean Monnet Module programme woven around a tripod: teaching, policy research and capacity building. The main objective of the programme is geared towards promoting enlightenment, awareness and understanding of the EU policy and systems, building capacity to contribute to policy design and advocacy as well as to facilitate the teaching and learning of European culture, history and political system with a view to fostering policy dialogue with stakeholders, and raise awareness about the relevant European policy. In addition, the adoption of one school at a time by concentrating on University of Lagos students is to deepen the impact. Yet the facilitators are from Europe, and other African countries hence providing a broader-based approach to the learning experience and exposure of the participants and giving the programme the widest coverage beyond the existing educational programme in which hardly anybody beyond the locals attends. The programme adopts a progressive activity-based approach that starts with Summer School on Africa-European Union Connectivity provides the breeding ground for new advocates for the EU policies and values, followed by a Training Workshop on EU Policy Research and Analysis to build on the gains from the summer school and equips the new advocates who attend the summer school and conclude with the Conference on European Union and African Integration. At the end of the programme, a new more than 100 Nigerian undergraduate students who had no direct exposure to EU studies would have become EU policy advocates in Africa and with the publication of at least a book and 20 publication in journals. Also, a framework for scaling up the impact to the national and continental level would have been created with the University of Lagos 3 years programme of Jean Monnet Module.



**Funded by
the European Union**

COLLABORATIONS WITH ORGANISATIONS

The Institute has been in discussions with a number of institutions and organisations on collaborative activities with key organisations and bodies in Nigeria and China to facilitate the Nigeria-China linkage. This has led to the signing of a MoU which is the evidence of such a collaboration with the Nigerian Association of Chambers of Commerce and Industry, Mines and Agriculture.

Also, the Institute is awaiting the signing of MoUs with:

1. China Foreign Affairs University, Beijing, P.R. China
2. Guangdong University of Foreign Studies, Guangdong, P.R. China
3. Zhejiang Normal University, P.R. China
4. Lagos Chamber of Commerce and Industry

CENTRE FOR DIGITAL HUMANITIES, UNIVERSITY OF LAGOS



RESEARCH REPORT (2019-2021)

The CENTRE FOR DIGITAL HUMANITIES UNIVERSITY OF LAGOS (CEDHUL) was officially inaugurated on 2nd October, 2019 as a pioneer and foremost technology-driven and humanities-based interdisciplinary research and academic unit in Nigeria and Sub-Saharan Africa.

In line with the vision and mission of the university, CEDHUL has commenced training and research programmes designed to raise and equip a new generation of scholars and researchers in the humanities and social sciences. These activities are planned to generate ideas and demonstrate the usefulness of computer methodologies to humanistic studies, and disseminate research outcomes to benefit the larger society.

The Centre as an intellectually-stimulating international research hub, has begun to encourage scholars and researchers willing to investigate different ways in which digital technologies, web-based resources and ICT are opening new ways for research projects in languages, literature, cultures, and history, philosophy, creative arts, media studies, personal and social experiences of man in modern society.

The Centre is also beginning to reposition the Faculty of Arts and retool faculty and students for local and national competitive advantage, international relevance and global competitiveness, as well as enhance the university's web ranking and national and international research profile. We are already building the capacity of graduates of humanities with additional skills to compete successfully in the global/digital job market.

Projects Executed/In Progress

1. Construction of Digital Repository/ Corpus of Nigeria New Media Discourse in English (CONNMDE) - Project equipment grants funded by Alexander von Humboldt Foundation, Germany.
2. 3rd Lagos Summer School in Digital Humanities Project (2021) funded by the Volkswagen Foundation, Germany (May 9-15, 2021). Participants from institutions in Nigeria and West Africa attended the 1-week Summer School.
3. TECHNOLOGY, POLITICS, AND SOCIETY: A BIG DATA APPROACH TO THE STUDY OF NEW MEDIA USAGE IN NIGERIA'S DEMOCRACY (TETFund)

Value of Grants:

1. Humboldt Foundation: €20,000:00; & € 19, 920, 00
2. From Volkswagen Foundation: €53, 350, 00; & €39, 450, 00
3. From TETFund, Nigeria: N20, 091, 561.00

The aim of the TETFund project is to examine the use of digital technologies for political activities in Nigeria and construct a large online database for discourse tokens being generated within the political space between 2015 and 2019.

Specific objectives of the ongoing TETFund project are:

- I. Apply computer software and digital tools to describe the emerging online political discourse in order to monitor trends and patterns of electoral behaviour and democratic practice in Nigeria
- II. Discuss how new technologies have been used to share information, mobilise citizens for electoral participation, and civic engagement;
- III. Develop customised application that can be used to evaluate and analyse the narratives governing strategic communication during electoral processes in Nigeria;
- IV. Adopt a corpus-based approach to systematically collect, curate evidence-based big data of online political narratives for the purpose of building a verifiable monitoring virtual repository on a dedicated user-interface website.

Preliminary findings of the project as executed so far include

- ✓ Substantial collection of online data related to the 2015 and 2019 electoral cycles from online of portal of some major newspapers and the general web
- ✓ The use of corpus-construction software, *SketchEngine* to harvest and compile the data
- ✓ The commencement of data curation and mining with the help of a digital tool: *OpenRefine*.
- ✓ Some Field interviews already conducted with some respondents observing that digital technologies have both positive and negative impacts on the development of democratic practice in Nigeria.
- ✓ Distribution and retrieval of questionnaire from Lagos, South West, North West.
- ✓ Many respondents agree that the use new technologies are beginning to enhance the promotion and practice of transparent and credible electoral process in Nigeria.
- ✓ Procurement of Static Storage Server for the uploading of data as physical linked repository to complement virtual repository.
- ✓ Political conversation in Nigeria is becoming highly democratized with the digital platforms encouraging citizens to freely express themselves about political issues in their country.
- ✓ New media technologies are promoting a greater level of accountability among political office holders who are now more conscious of the power of social media to expose their scandalous and/or inappropriate behaviour.
- ✓ New media political discourse in an emerging democracy is context-sensitive responding and accommodation socio-cultural nuances and traditional social meanings
- ✓ Social identity and social relationships shape discursive practices via the virtual platforms
- ✓ A doctoral candidate is being trained and will utilise part of the data for his research project.
- ✓ Some postgraduate students are receiving informal training while more junior scholars are getting inspiration on how to conduct digital humanities research project
- ✓ Some of the preliminary aspect of the project has been shared in 2 online international symposia/webinar.

- ✓ The project website as online repository/digital archive already has some data that may be accessed by scholars and researchers from within and outside the country

Contributions to National Development and Relationship with SDG

The study will help to improve electoral practice and democratic governance in Nigeria. It will also advance public understanding of the geo-politics of data-centric technologies that is integral for creating new means of improving the overall political culture in the public space. It will provide useful information on strategies that will address contemporary challenges facing Nigerian fledgling democracy. Political actors, stakeholders and policy makers will better appreciate the role of technology in democratic practice. It may help to curb ballot stuffing/snatching, electoral conflicts, post-election violence, hate speech, fake news and contribute to the promotion of participatory democracy, good governance, peaceful and credible elections,

The 3 major projects being handled at the Centre for Digital Humanities connect with and contribute broadly to 3 Sustainable Development Goals. These are:

1. GOAL 9: Industry, Innovation and Infrastructure
2. GOAL 16: Peace and Justice Strong Institutions
3. GOAL 17: Partnerships to achieve the Goal

The digital humanities projects and programmes funded by the Alexander von Humboldt Foundation and Volkswagen Foundation, Germany, for instance, focus on developing capacity that will promote industry growth, innovation and infrastructure. Digital Humanities (DH) contributes hugely to an emerging technology-driven research and innovation area of research at the intersection of computer science, Information technology and the broad fields of humanities. Projects in DH also promote the production of new technologies, software and applications that will serve both socio-economic, political and national interests. These programmes are equally underpinned by the capacity to promote partnerships to achieve the goal based on the multidisciplinary and multinational components of the Summer School programmes. Participants from some West Africa countries participated in the programmes.

On the project sponsored by TETFund, it is believed that the outcome will enhance credible elections, transparency and accountability on governance thereby promoting peace and justice and strong institutions.

3.0 Looking Ahead

The Centre hopes to escalates its activities and drive to attract research grants. We anticipate greater acceleration of our activities, and collaborations. Our network of collaboration and partnership is growing with a number of universities and scholars within and outside Nigeria becoming keenly interested in working with our Centre. We are expanding our applications for research grants to draw more funding and organise more academic programmes. The Centre also hopes to process its application for a postgraduate programme in Digital and Public Humanities as soon as possible.

5.0 Conclusion

In conclusion, we would like to thank our Vice Chancellor, Management, and Director & Staff of the Research & Innovation Office for all the support. As stated in our philosophy, we are happy to confirm that the Centre is becoming an intellectually-stimulating international research platform for scholars and researchers within and outside Africa willing to investigate different ways in which digital technologies are redefining approaches to research and knowledge production in the human sciences. It is anticipated that as we continue our various training and research programmes in Digital Humanities, our efforts will cascade into rebranding the humanities programmes, retooling staff and students, enhancing the international ranking of our university. Our activities will also contribute to the development of human capital that will deploy web-based technologies that will impact personal and social experiences of man in modern society and enhance the drive towards a knowledge-based society.

Professor Tunde Ope-Davies
Centre Director & Principal Investigator

A REPORT OF THE ACTIVITIES OF TETFUND CENTRE OF EXCELLENCE IN BIODIVERSITY CONSERVATION & ECOSYSTEM MANAGEMENT (TCEBCEM) : 2019 – 2021

BACKGROUND

The Centre for Biodiversity Conservation and Ecosystem Management (CEBCEM) was one of the 6 new centres, established by the Senate of the University of Lagos under the leadership of Prof. R. A. Bello on the 29th of March, 2017 to help accelerate multi-disciplinary research in the institution. CEBCEM was established to bring together a wide range of skills and expertise for scientific researches on biodiversity, which provide the basis for conservation, management and sustainable use of the Nigerian flora and fauna. It also provides a platform for education and research of undergraduate and graduate students, as well as faculty in the related fields of Science, Social Sciences, Arts, Law and Science-based Education courses.

ACTIVITIES IN 2019

Hosting of First CEBCEM International Conference

The Centre held its first International conference July 8-12, 2019 with the theme: *Environmental Sustainability of Africa's Biodiversity* and this was well attended.



From left: The Vice-Chancellor of the University of Lagos represented by the Deputy Vice Chancellor (Professor Oluwole Familoni), Dr Kadiri Obafemi Hamzat - Deputy Governor Lagos state, Professor Lawrence Ezemonye - Vice Chancellor, Igbinedion University (Keynote Speaker) and the Centre Director - Professor Bola Oboh at the occasion. Second picture on the right showed Dr Aderonke Samuel - MC of the Occasion.

Grant Awards

The Centre applied for and won the **Seeding Labs equipment grant** and the equipment was received 29th August 2019 at the DK Olukoya Central Research Laboratories of the University.



From left: the consignment before offloading with Dr Khalid Adekoya – a Research Team Lead at the Centre standing before the vehicle with CEBCEM banner, during offloading and finally at the store

ACTIVITIES IN 2020

Publications

The Centre launched her first publication from articles presented at the first CEBCEM conference. The first issue was published as a special edition in the University of Lagos Journal of Medicine, Science and Technology Volume I, February 2020.

Capacity Building Workshop

As part of our vision on capacity building and trainings, our flagship workshop was on the *Do's and Don'ts of research grant writing*. The 2-day workshop organized for CEBCEM members and other interested participants held virtually on 28th and 29th April, 2020.

COVID-19

As part of our contribution to alleviate the effect of the ravaging COVID-19 pandemic in the society, the centre embarked on the following COVID-19 interventions:

- The centre carried out botanical exploration of some tropical plants with potential for immune boosting and treatment of COVID-19 and upper respiratory infections. Many medicinal plants were explored for their anti-viral, immune boosting and anti-inflammatory properties.
- The effect of COVID-19 on the environment was assessed in a study on the tempo-spatial impact of COVID-19 epidemic on residents in Lagos State, Nigeria.

Grant Awards

The Centre competed for and won the following grants:

- **Lagos state research and innovation grant (LASRIC) 2020:** Marker Assisted Selection for High-Yielding Trait in Coconut Plant (*Cocos nucifera*) and commercialization of its products in Lagos state. ₦2,500,000.00
- **Lagos state research and innovation grant (LASRIC) 2020:** Improving food security through cultivable shrimp farming, ₦4,000,000.00
- **Lagos state research and innovation grant (LASRIC) 2020:** Saving the creatures that feed our world: Bringing back butterflies for enhanced food security. ₦2,000,000.00
- **University of Lagos central research grants 2020:** Temporospatial impact of COVID-19 epidemic on residents in Lagos State, Nigeria is being funded by the University of Lagos CRC grants. ₦2,000,000.00

Research Award in 2020

- UNILAG Central Research Grant 2020. **Temporospatial Impact of COVID-19 epidemic on Residents in Lagos State, Nigeria.** #2,000,000.00
- Lagos State Research and Innovation Grant (LASRIC) 2020. **Towards Self Sufficiency in Beans Production in Lagos State by (2020): Development of Striga Resistant Cowpea (*Vigna Unguiculata* L. Walp).** #2,500,000.00
- **TETFund centre of excellence grant (2020) #1,000,000,000**
- **Marker Assisted Selection for High-Yielding Trait in Coconut Plant (*Cocos nucifera*) and commercialization of its products in Lagos state:** This study is aimed at designing molecular marker that will help in selecting the variety that contains genes (QTL) responsible for both high coconut fruit yield as well as early maturing among the varieties and collections in Nigeria. This early maturing variety will be introduced to farmers to increase coconut yield and its products such as copra and coconut oil. The technology to be used is cost-effective, accurate/specific, stress free and most importantly saves time.
- **Improving food security through cultivable shrimp farming:** this is a multi-disciplinary research that seeks to improve food security by providing alternative source of affordable protein for the populace.

- **Saving the creatures that feed our world: Bringing back butterflies for enhanced food security:** Over the years, the decline in butterfly population in the environment has been a challenge for pollination, hence, this research was embarked on to develop a model of butterfly garden in University of Lagos gardens and later replicated in various Lagos State Parks and Gardens.
- **Botanical exploration of some tropical plants with potential for immune boosting and treatment of COVID-19 and upper respiratory infections:** Owing to the current Covid-19 pandemic and various associated diseases, this research aims to develop herbal formula for the treatment of upper respiratory tract infections, Covid-19 and immune boosting.

CEBCEM-TETFund-ARIFA-FARA Collaboration



The Centre has been assigned as a Centre of Excellence and Innovation hub for the TETFund-ARIFA-FARA-UFV Master's scholarship. The teaching and innovation hub is domiciled in University of Lagos for the south-west region under the headship of CEBCEM.

Out of the first 120 intended ARIFA fellows to be drawn across 6 centers located in TETFunds' Centers of Excellence in Nigeria, 54 fellows have been given admission across the 6 centers and commenced virtual classes. Among the beneficiaries of the centers is the University of Lagos, others are Abubakar Tafawa Balewa University, University of Benin, University of Maiduguri, Michael Okpara University of Agriculture and University of Jos. Seventeen (17) out of this fifty four (54) 1st batch of the trainees admitted under the Agricultural Research and Innovation Fellowship for Africa (ARIFA), coordinated by the Forum for Agricultural Research in Africa-FARA in partnership with the Tertiary Education Trust Fund (TETFund) and the Universidade Federal de Viçosa (UFV) in Brazil, are from CEBCEM, University of Lagos (Table 1). Due to the readiness of only the University of Lagos out of the 6 centres to host the Virtual Training, Unilag commenced classes at our state of the arts classroom located at the Human Resources Development Centre (HRDC) on Monday 9th November, 2020

The virtual lectures were delivered from ten (10) various Agriculture-related departments in UFV, Brazil. Pictures of lectures taken from Monday 9th November to Friday 13th November 2020 in UnilagVTrain Hub were shown in the Plates below.

UNILAG-ARIFA fellows were drawn from various Departments of the University for Masters Degree with a view to contributing to the vision of creating the next generation of Agricultural Research for Development (AR4D) practitioners for the country and Africa as a whole. The current cohort has to commence the program online till February 18th 2020 due to the ongoing COVID-19-related travel restrictions and by March 2021 fellows are expected to commence in-person lectures in Brazil, when all the ARIFA fellows will be mobilized to the city of Viçosa.



Cross Section of the students at the virtual lecture



Dr Adebayo Ogunkanmi (Faculty Focal Lead)

Agricultural Research and Innovation Program for Africa-Arifa Selected seventeen (17) Candidates for MSc Program by Universidade Federal De Viçosa-Ufvbrazil Batch 1- from UNILAG Only - November 2020

TETFund Centre of Excellence Award

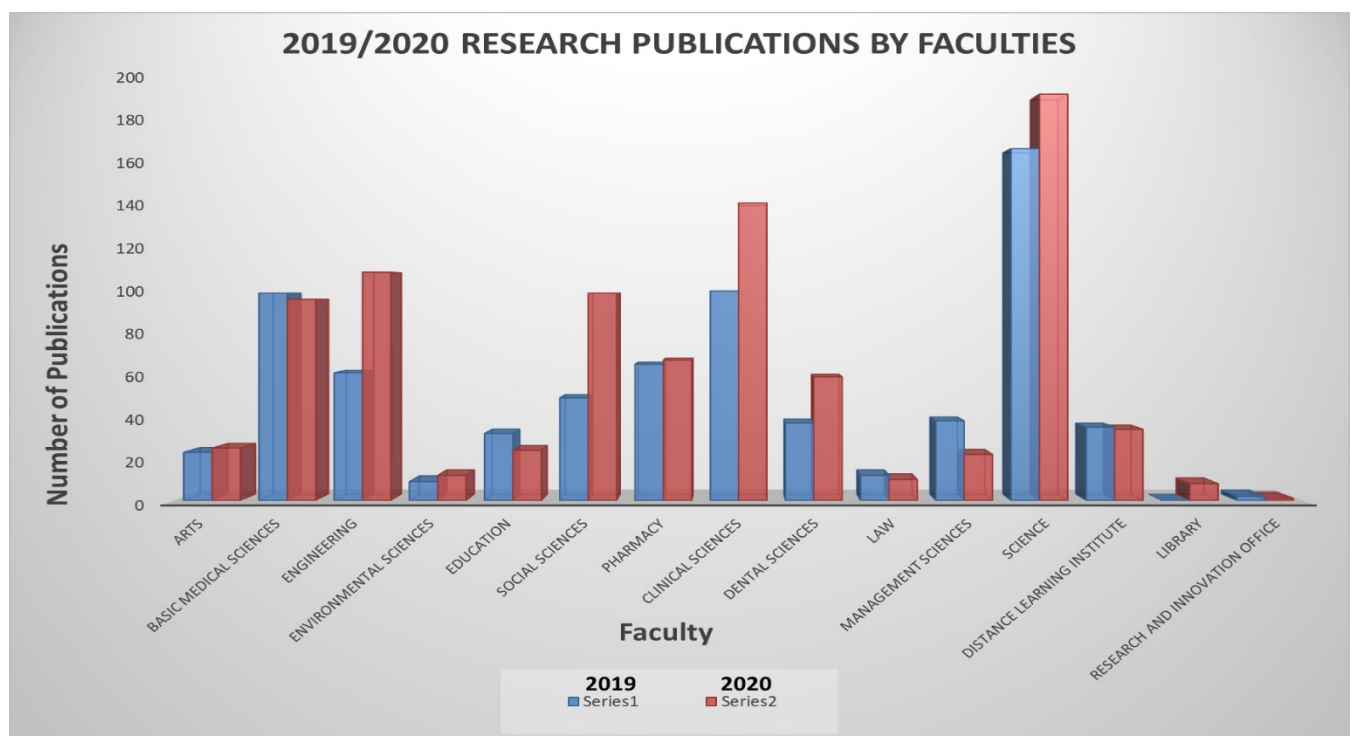
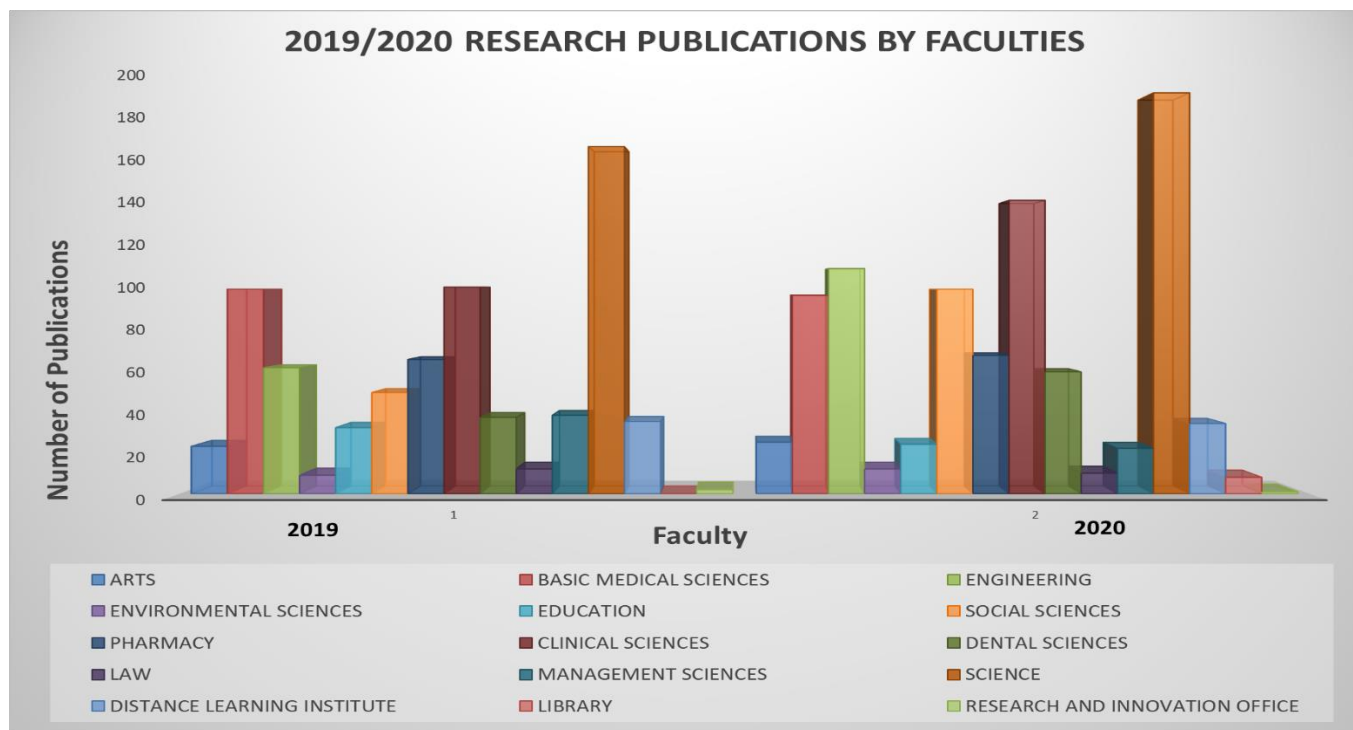
CEBCEM was nominated as one of the TETFund Centres of Excellence for the south-west region. Following the award, two members of the centre, Dr. Adebayo Ogunkanmi and Dr Temitope Onuminya, were nominated to attend the TETFUND Capacity Building Workshop on *Establishment, Operation and Administration of TETFUND Centres of Excellence* at the Fraser Suites Abuja, between 17th and 18th December 2020.

About 50 participants were in attendance from each of the 12 tertiary institutions awarded the centre of excellence in Nigeria and some key staff from the TETFund office including Prof Bogoro Elias Suleiman (ES Tetfund) and Alhaji Kashim Ibrahim Imam (Chairman Tetfund Board of Trustees).

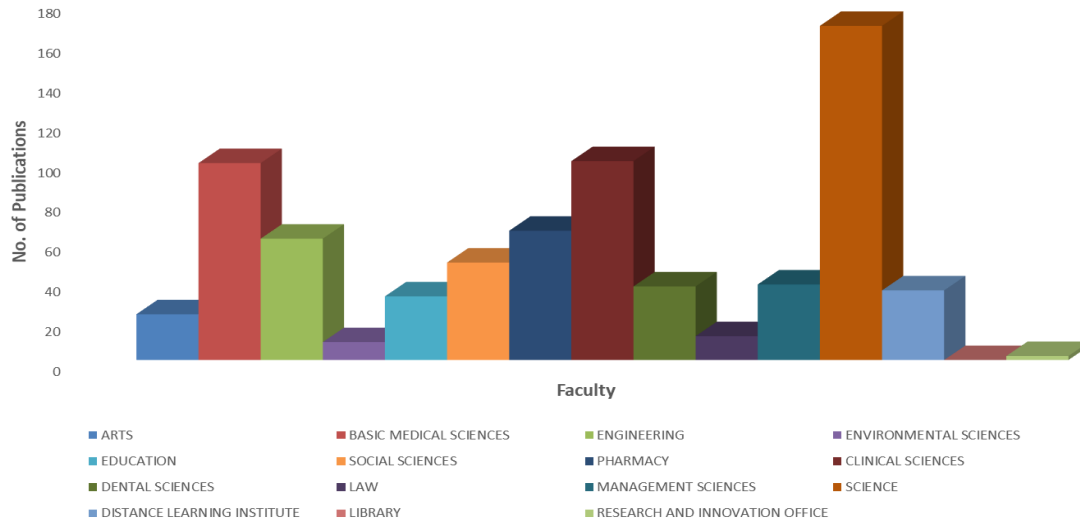
ACTIVITIES IN 2021

- The first webinar of the centre for the year 2021 was held on Thursday 25th February, 2021, Titled: Biodiversity Conservation and Ecosystem Management: Roadmap to Integrated and Innovative Research.
- The centre held her second webinar in commemoration of the International Day for Biodiversity on Wednesday 26th may, 2021, Theme: We're part of the Solution.
- **Grant won: Marker Assisted Selection for High-Yielding Trait in Coconut Plant (*Cocos nucifera*) and commercialization of its products in Lagos state:** This study is aimed at designing molecular marker that will help in selecting the variety that contains genes (QTL) responsible for both high coconut fruit yield as well as early maturing among the varieties and collections in Nigeria. This early maturing variety will be introduced to farmers to increase coconut yield and its products such as copra and coconut oil. The technology to be used is cost-effective, accurate/specific, stress free and most importantly saves time.

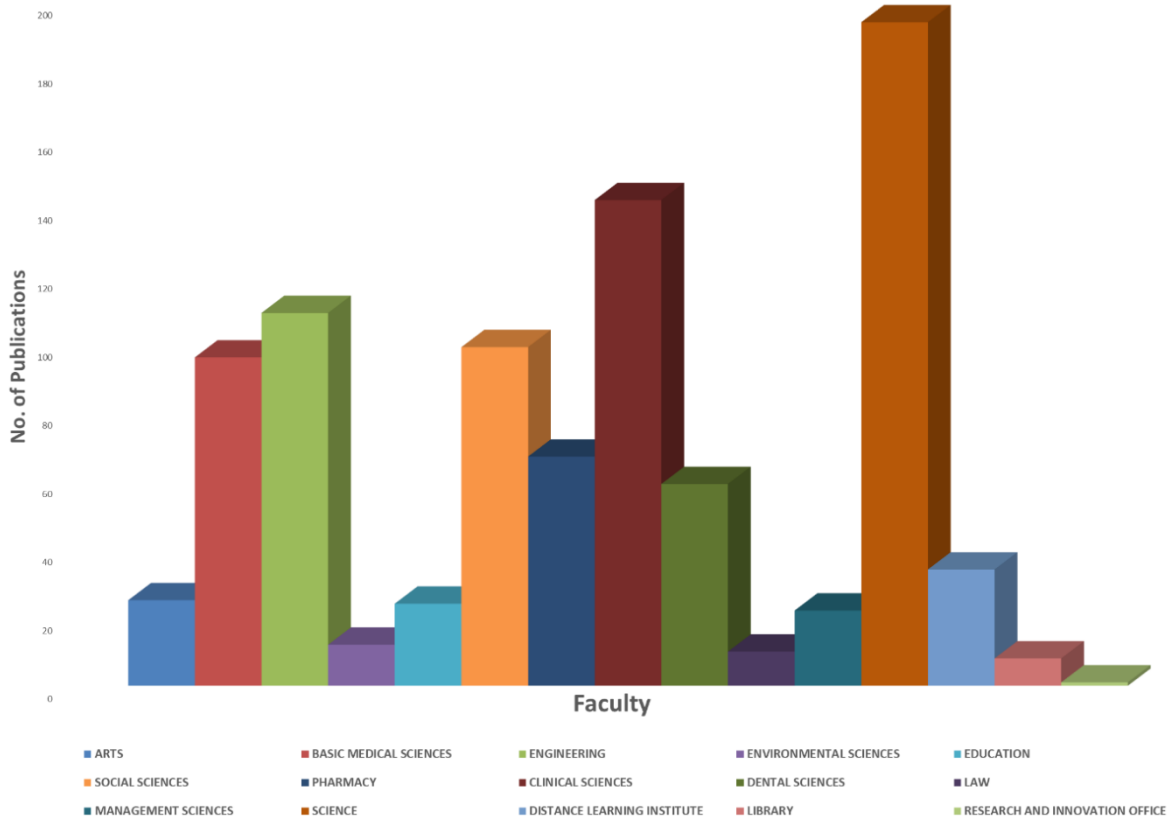
SECTION THREE
FACULTY RESEARCH
PUBLICATIONS IN PEER
REVIEWED JOURNALS
2019 – 2021



2019 RESEARCH PUBLICATIONS BY FACULTIES



2020 RESEARCH PUBLICATIONS BY FACULTIES



FACULTY OF ARTS
PUBLICATIONS BY FACULTY MEMBERS

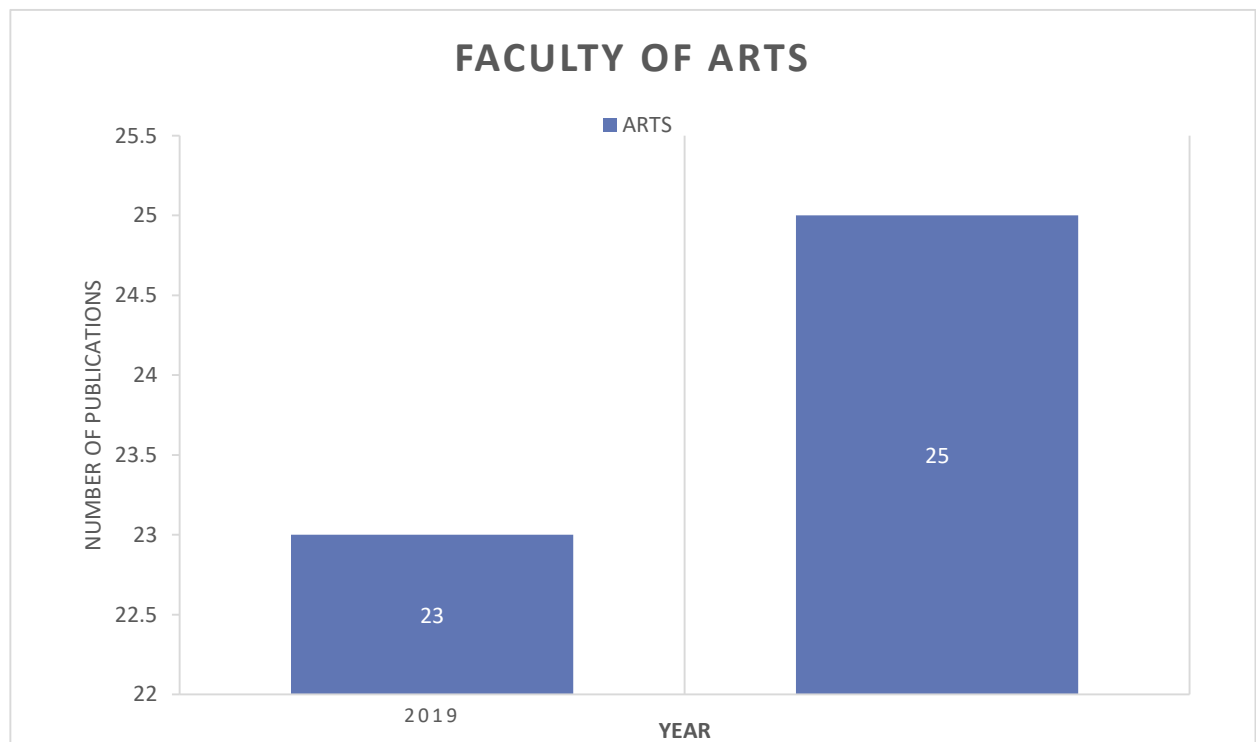


PROFESSOR OLUFUNKE ADEBOYE

DEAN, FACULTY OF ARTS



PUBLICATION TRENDS IN THE FACULTY OF ARTS (2019-2020)



Faculty of Arts

2019 Publications

1. AFOLAYAN, B. F. (2019). See Lagos and Die: The Child and Culture Shock in a Multicultural and Multilingual Context: A Study of Toni Kan's Short Stories". (eds.) Oyenike Adeosun and Kehinde Olojede. Connecting Language, Literature and Literacy for Learning. A Festschrift in Honour of Professor Olufunke Lawal. Sagamu: New Hope Nig. Enterprises. Pp 20-29.
2. AFOLAYAN, B. F. (2019). A Comparative Analysis of the Poetics of Anger in John Osborne's Look Back in Anger and Femi Osofisan's The Chattering and the Song. *University of Chitral Journal of Linguistics and Literature*, 3(11): 41- 55.
3. Akande, L. (2019). Futurities and the Urban Space in Naguib Mahfouz's Cairo Modern and Toni Kan's The Carnivorous City. *Unilag Journal of Humanities*, 7 (1): 165 - 181.
4. Akande, L. (2019). The Prostitute as Teacher in the Nigerian City Novel: Chinua Achebe's Anthills of the Savannah and Cyprian Ekwensi's Jagua Nana. *Praxis, Journal of Gender and Cultural Critique*, 27 (1 / 2) Spring/Fall 2019. 42 - 63.
5. Anyachebelu A.L. (2019). Loans in Igbo Drama Texts: Implication for an Endangered Language. Precepts and Social Change in Southeastern Nigeria: Understanding the Igbo. 215-234.
6. Anyachebelu, A. L. (2019). A Survey of Animal Imagery. *Nigeria Journal of African Studies (NJAS)*. 1 (1).
7. Anyagwa, C. and Adedeji, K. (2019). Tone and Intonation: Exploring the Interconnections. *Multifontaines. Universite de Lome, Togo*. (7): 171-192.
8. Anyagwa, C. (2019). Harnessing Linguistic Resources towards Sustainable Language Development. *UNILAG Journal of Humanities*, 7(2):14-31.
9. Anyagwa, C. (2019). Linguicism: The Anglicization of Catholic Worship in the Archdiocese of Lagos. *Lagos Notes and Records. Journal of the Faculty of Arts*, 25: 175-195.
10. Anyagwa, C. (2019). Read and Share: Exploring the Deictic Constraints in the Interpretation of Whatsapp Broadcast Messages. *Madonna University International Journal of Education and Arts*, 1(1): 132-146.
11. Banwo A. O. (2019). A Study of Proverbs Categorization in Yoruba and Chinese Cultures. *The Journal of Yoruba Studies Association of Nigeria*, 9(3): 32-53.
12. Banwo, A. O. (2019). An Eclectic Approach to the Study of Corruption Growth in China and Nigeria. *Ibadan Journal of Humanistic Studies*, 29(2019): 130-146.
13. Banwo A. O. (2019). Distant Africa: Chinese Cultural Juxtapositions of an African Culture. *Interdisciplinary Journal of African and Asian Studies*, 5(1): 32-53.
14. Banwo A. O (2019). Moral Virtues as Depicted in Omol and Junzi: A Parallel Enquiry. *Ilorin Journal of History and International Studies*, 9(2): 90-105.
15. Banwo A. O. (2019). The Nigerian Dream and the Chinese Dream: A Comparative Analysis. *International Journal of Development and Management Review*, 15(1): 163-177.
16. Bello, A. and Olusoji, S. (2019). Nationalism in Nigerian Art Music: An Exposition. *Lasu Journal of Humanities*, 13(1 and 2):
17. Nnabuihe, C.B. and Anyachebelu, A.L. (2019). Reorientation for National Transformation: The Role of Literature African Focus (ed.) Daniela Merolla. 32 (1): 51-65.
18. Nweke, F.E. (2019). Music and Social Supports for the Physically Challenged: A Case-study for the Blind and the Partially Sighted Children in Lagos, Nigeria. *Nigerian Music Review. Department of Music, Obafemi Awolowo University, Ile-Ife*.
19. Nweke, F.E. and Ogunwo, B.O. (2019). The Role of Music in Bolaji Ogunwos Chromatic Expression. *Festschrift for a Living Master: Essays, Reflections and Exhibition in Honour of Professor Jerry Buhari @60. National Art Gallery of Nigeria, Federal Republic of Nigeria*. Pp253-256.
20. Nweke, F.E. (2019). Rejuvenating the Memory of the Elderly People through Music. A Case-Study of Regina Mundi Home for the Elderly, Mushin-Lagos, Nigeria. *Calabar Journal of Liberal Studies*, 21(2): 199-205.
21. Olokodana-James O. (2019). The Evolvment, Myth and Mystery of Oloolu as a Facekuerade. *Luminal Margins, Performance Masks, Masquerades and Facekuerades. Society of Nigerian Artists*. Pp 602-619.
22. Olusoji, S. (2019). "Sakara" in Bloomsbury Encyclopedia of Popular Music of the World. Genres: Sub-Saharan Africa. (Ed) David Horn, John Shepherd, Gabrielle Kielich, Heidi Feldman. NewYork. Pp 500-501.
23. Olusoji, Stephen (2019). "Waka" in Bloomsbury Encyclopedia of Popular Music of The World. Genres: Sub-Saharan Africa. Editor(s): David Horn, John Shepherd, Gabrielle Kielich, Heidi Feldman. New York. Pp 555-556.

2020 Publications

1. Adedeji, A. A. and Akande, R. (2020). Analyse sociocritique de l'aventure dans Douceurs du bercail d'Aminata Sow Fall. *Le Littéraire, A publication of the Nigeria French Language Village, Les Nigerians face À la propagation du covid-19: une analyse critique*, 1(3):
2. Adogame, A., Adeboye, O. and Williams, L. (2020). Introduction in Afe Adogame, Olufunke Adeboye and Corey L. Williams, (eds.) *Fighting in God's Name: Religion and Conflict in Local-Global Perspectives* (Lanham MD: Lexington Books, vii-xviii.
3. Adeboye, O. (2020). A Starving Man Cannot Shout Halleluyah: African Pentecostal Churches and the Challenge of Promoting Sustainable Developmental, in Philipp Ohlmann, Wilhelm Grab and Marie-Luise Frost (eds.), *African Initiated Christianity and the Decolonization of Development: Sustainable Development in Pentecostal and Independent Churches*, New York: Routledge, 115-135.
4. Afolayan, B. F. (2020). The Court Poet/Praise Singer in Wole

- Soyinka's Death and the King's Horseman and Ola Rotimi's Ovonramwen Nogbaisi: A Critical Appraisal. (ed.) Daniela Merolla. Africa Focus: Special Issue on Memory and Remembrance in Africa and Diaspora. *Belgium: University of Ghent*. 32(1): 137-148.
5. Afolayan, B. F. (2020). Diasporic Experiences in Amma Darko's Beyond the Horizon and Chimamanda Adichie's Americana. (eds.) Abikal Borah, Bisola Falola and Toyin Falola. Creative Incursions: Cultural Representations of Human Rights in Africa and the Black Diaspora. Durham, North Carolina: Carolina Academic Press. Pp 245-264.
 6. Akande, L. (2020). Engendering the Genre: The Feminisation of the Lagos Novel Lagos Review of English Studies, Vol 19.
 7. Akande, Lola. (2020). Re-interpreting Rural-Urban Moral Binarism in Amma Darko's The Housemaid and Binwell Sinyangweâs A Cowrie of Hope. Lagos Notes and Records. Journal of the Faculty of Arts, University of Lagos, 29: 40-61.
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 10. Banwo A. O (2020). Learning Approaches and Strategies in Second Language Acquisition. Nigerian Journal of African Studies, Department of Igbo, African and Asian Studies, Nnamdi Azikiwe University, Awka, Nigeria, 2(1):
 11. Falolu, J.A and Fadaïro, Y.O. (2020). Name as a designate of culture in traditional and contemporary Yoruba society of Nigeria. *South African Journal of African Languages*, 40(1): 40-46, DOI: 10.1080/02572117.2020.1733822
 12. Ilori, J.F. (2020). The Semantics of a Negative Constructions in Yoruba. *Nigerian Journal of the Humanities* 25: 34-44.
 13. Ilori, J.F. (2020). The Structure of Morphological Evaluative Derivations in Yoruba. *Coaxial Journal of Linguistics*.
 14. Nweke, F.E. (2020). Any Relationship between Music and Mathematics/Visual Arts? *International Journal of Integrative Humanities*, 12(1).
 15. Nweke F.E and Leigh I. A. (2020). The Dearth of Vocal Instructors: An Albatross for Production of Professional Singers. - Under Review. *Akete Journal of Performing and Cultural Studies*. (1 and 2).
 16. Olokodana-James, O. (2020). Trans-Sociological Hybridity: Conceptualizing African Contemporary Dance Identity. *Culture and Development in Africa and the Diaspora*. *Routledge*, 95 - 109.
 17. Olokodana-James O. and Oni, D. (2020). Paradigm Shift and Neo-Theatrical Conventions in Nigeria: Legend, Kings and Kingdoms in Discourse. *Akete: Journal of Performing Arts and Cultural Studies*, 2(1): 97 -108.
 18. Olokodana-James, O. (2020). Superficiality and the Nollywood Industry: Pointers on the Censorship of Yoruba Movie Stereotypes. *Regulating Nollywood in a Global Economy*. Federal University of Lafia, 57- 74.
 19. Olokodana-James, O. and Itsewah, S.J. (2020). Academic Supremacy and Obsession for Power in Asigbo's War of the Tin Gods and Once Upon a School. *AMA: Journal of Theatre and Cultural Studies*, 14(1): 139 - 150.
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 23. Olusoji, S. (2020). "Waka": For Symphonic Orchestra and Indigenous Instruments. University of California Library, Contemporary Music Collection. Pp 1-8. <https://escholarship.org/uc/item/6r31z12j>
 24. Olusoji, S. (2020). 'Ipade Ilu(Village Meeting)'. For Violin Solo and Piano. University of California Library, Contemporary Music Collection. Pp 1-5. <https://escholarship.org/uc/item/06A-404t2>
 25. Yusuff, A. Adetomiwa, A. and O. Adedeji. (2020). Yoruba Language Development and Digital Communication: Ability, Capacity and Capability. *Proceedings 14th Unilag Annual Research Conference and Fair (An International Conference of Sciences and Humanities)*, 21 - 23

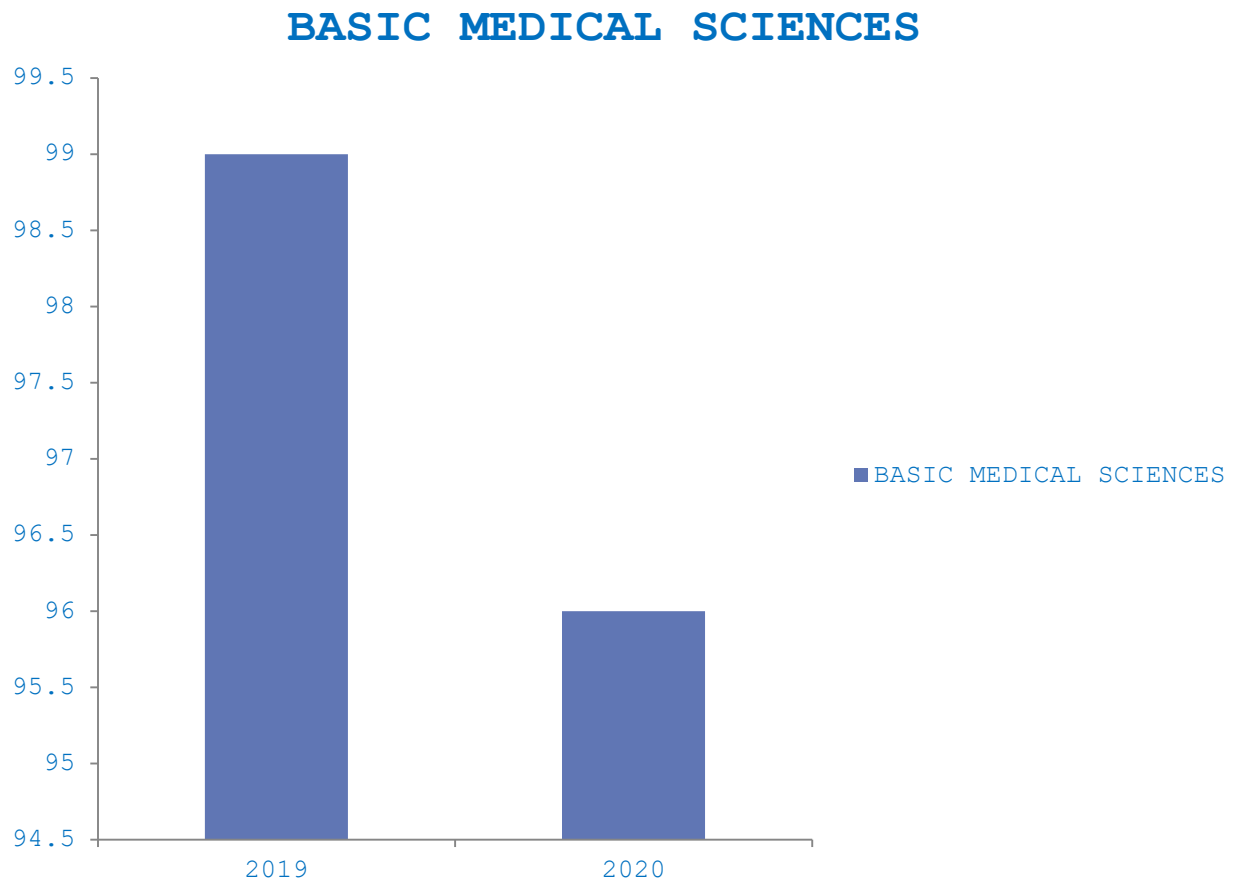
FACULTY OF BASIC MEDICAL SCIENCES



PROFESSOR OLUYEMI AKINLOYE
DEAN, FACULTY OF BASIC MEDICAL SCIENCES



PUBLICATION TRENDS IN THE FACULTY OF BASIC MEDICAL SCIENCES (2019-2020)



Faculty of Basic Medical Sciences

2019 Publications

1. Abdulkareem F., Khramtsova, G., Adedokun, B., Rotimi, O., Abudu, K., Badmos, K., Ibraheem, A.F., Khramtsov, A., Sveen, L., Hurley, I., Masaya, H., Huo, D. and Olopade, O.I. (2019). Colorectal cancer molecular subtypes by immunohistochemistry in a patient cohort from Nigeria. *Clinical Oncology*, (37) e15145
2. Abdulwasiiu, A. B., Christiana O. A., Babawale T.B., Njideka, U. O., Ismail, A. A., and Ojini, F.I. (2019). Renal dysfunction and 30-day mortality risk in patients with acute stroke. *African Journal of Nephrology*, 22; 28-34
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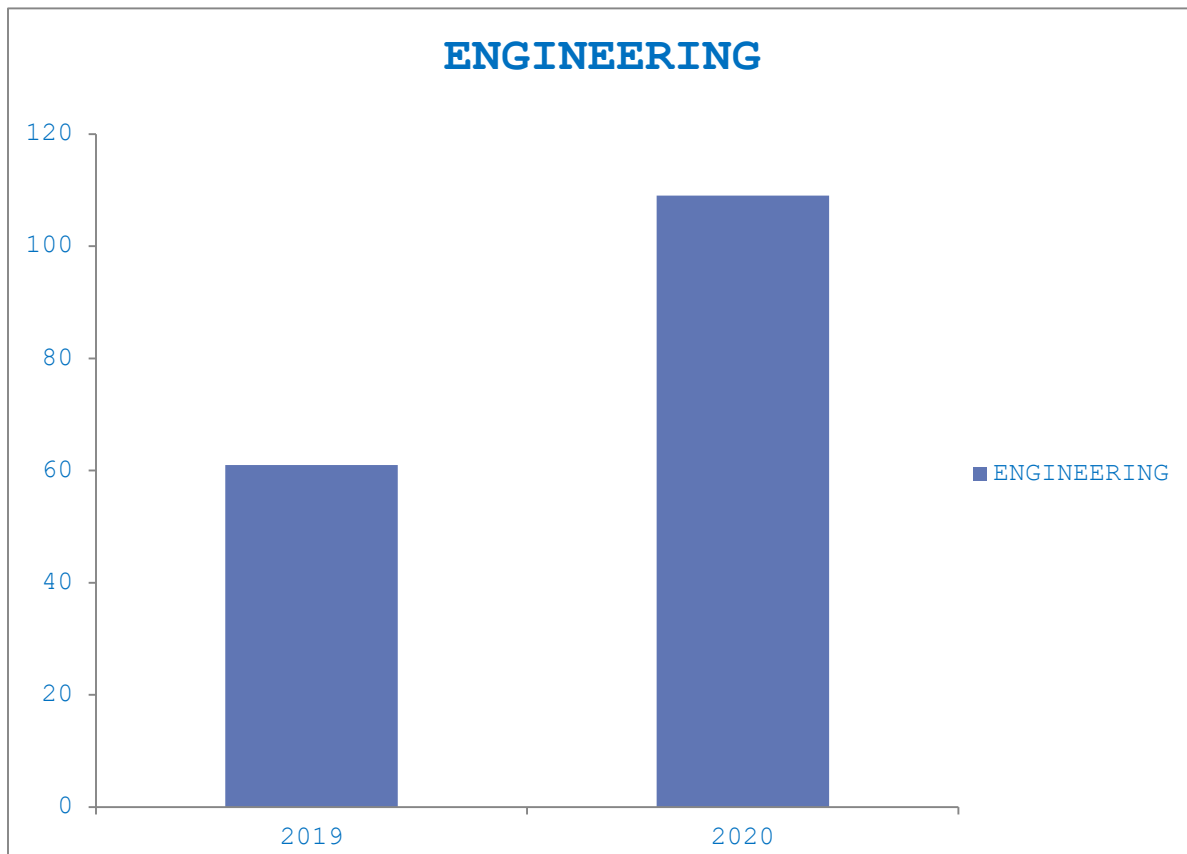


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108. Yahaya D. Baba., Joseph X.F. Ribeiro., Aliyu M. Aliyu., Archibong Archibong-Eso., Umar D. Abubakar., Adegboyega B. Ehinmowo. (2020) Characteristics of horizontal gas-liquid two-phase flow measurement in a medium-sized pipe using gamma densitometry. Scientific African, 10:1-12. <https://doi.org/10.1016/j.sciaf.2020.e00550>

109. Yahaya, M. L., Hamid-Mosaku, I. A., Onukwube, H. N. and Babalola, A. J. (2020). Assessing the influence of monitoring and knowledge “related challenges on compliance with public procurement law in North-West, Nigeria. Research Journal of Business and Economic Management, 3(1), 1-13.

FACULTY OF ENVIRONMENTAL SCIENCES

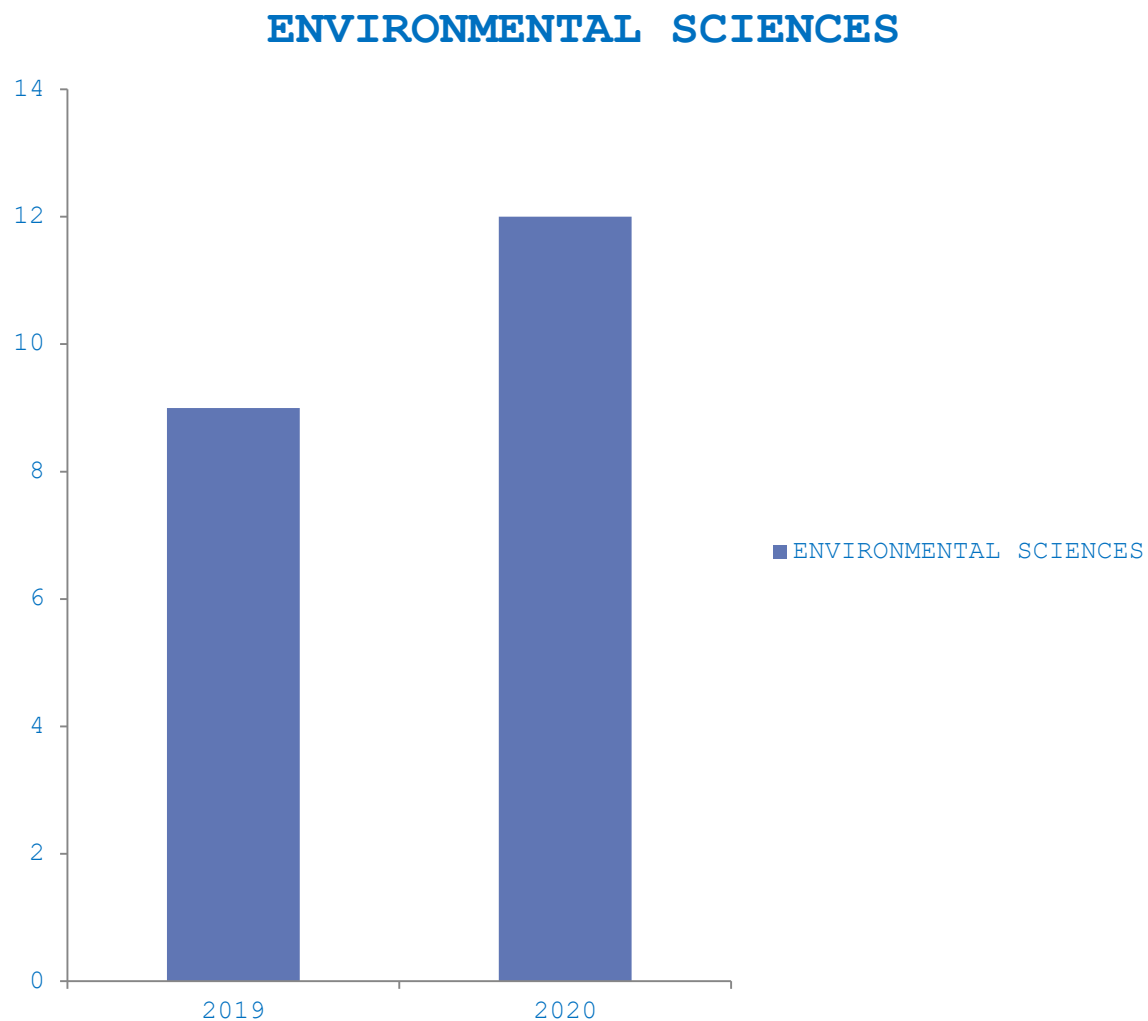


PROFESSOR M. A. ADEBAMOWO

DEAN, FACULTY OF ENVIRONMENTAL SCIENCES



PUBLICATION TRENDS IN FACULTY OF ENVIRONMENTAL SCIENCES (2019-2021)



Faculty of Environmental Sciences

2019 Publications

1. Adebamowo M., Oduwaye, L., Onifade, V.(Eds.), Smart City Development Issues Book of Readings, Lagos: Faculty of Environmental Sciences, University of Lagos, Nigeria.pp 264-277
2. Afolayan, A and Ibiyemi, A (2019). Appraisal of Gap Theory as a Theoretical Underpinning for Housing Satisfaction Studies. Adeleke University Journal of Engineering and Technology, 2(2), 109-119
3. Afolayan, A.S., Ibrahim, L., Akinwande, T.O., Okonu, A. A. (2019). Performance Evaluation of Direct Property Investment in an Emerging Smart City: A Study of Lagos Island and Mainland Sub-markets. In:
4. Agunbiade, M. E, Olajide, O and Akindeju, O. (2019). Geospatial Information in Enhancing SDG Connectivity: Perspective from Nigeria-Africa. In Rajabifard, A. (Eds), Sustainable Development Goals Connectivity Dilemma: Land and Geospatial Information for Urban and Rural Resilience. Tailor and Francis Book. pp 297-312.
5. Ameh, J., Soyngbe, A. and Oyedirin, O. (2019). Acceptability and use of innovative bamboo products for the production of residential buildings in Nigeria. International Journal of Technology, 10(4): 648-656. DOI:<http://DOI.org/10.14716/ijtech.v10i4.2574>
6. Anyakora, M.I. Idowu, O.B.A.and Osagie, J.U. (2019). Tax regimes in indigenous Nigerian societies: Lessons for sustainable tax administration in contemporary governance. COOU African Journal of Environmental Research, 2 (1): 187-194
7. Idowu, O.B.A., Omirin, M.M. and Koleoso, H. A. (2019). Facilities management service outsourcing of hotels in Lagos metropolis and smart city. Smart City

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8. Lawanson, T., Odekunle, D., and Albert, A. (2019). Urban Redevelopment and the Right to the City in Lagos. In I. Albert, and T. Lawanson (Eds.), Urban Crisis and management in Africa. Houston: Pan African University Press. Pp 295 -314.
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2. Afolayan A.S. (2020). Repositioning Waste Management Architecture for Sustainable Upstream Performance in Lagos, Nigeria. In: Aigbavboa C., Thwala W. (Eds). The Construction Industry in the Fourth Industrial Revolution. CIDB 2019. Springer, Cham. DOI https://doi.org/10.1007/978-3-030-26528-1_22
3. Afolayan, A.S. (2020). Impacts of Households Prior Experience on Current Housing Satisfaction: A Study of Selected Estates in Lagos, Nigeria. International Journal of Real Estate Studies (INTREST) (Centre for Real Estate Studies, Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia, Malaysia, 14(1): 67-77.
4. Ameh, O. J., Shittu, K. A and Ojo, A. R. (2020). Exploration of bambusa vulgaris properties for the development of sustainable building components. Lagos Journal of Architecture, 4(1),75-92
5. Ameh, O.J. and Chukwujekwu, E.C. (2020). Employee's demand for

built environment professionals' employability skills in Nigeria: Content analysis of job advertisements. International Journal of Real Estate Studies, 14(1): 28-37

6. Ameh, O.J. and Farinde, O. M. (2020). Construction contractors' compliance to health and safety insurance policies in Lagos State. Journal of Construction Innovation and Cost Management, 1(1): 81-91
7. Edike, U. E., Ameh, O. J. and Dada, M. O. (2020). Production and optimization of eco-bricks. Journal of Cleaner Production. DOI: <http://doi.org/10.1016/j.jclepro.2020.121640>
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11. Unuigboje R. (2020). Coronavirus in Lagos: Reflections on Mobility and Transport Poverty. <http://chsunilag.com/blog/coronavirus-in-lagos-reflections-on-mobility-and-transport-poverty>
12. Zakariyyah, K.I, Dada, M.O, Ijaola, I.A., Ameh, O.J. and Olaniyan, M.(2020). Multicultural team management parameters and dimensions for indigenous construction firms in Lagos, Nigeria. Journal of Construction Innovation and Cost Management, 1(1): 19-28

FACULTY OF EDUCATION

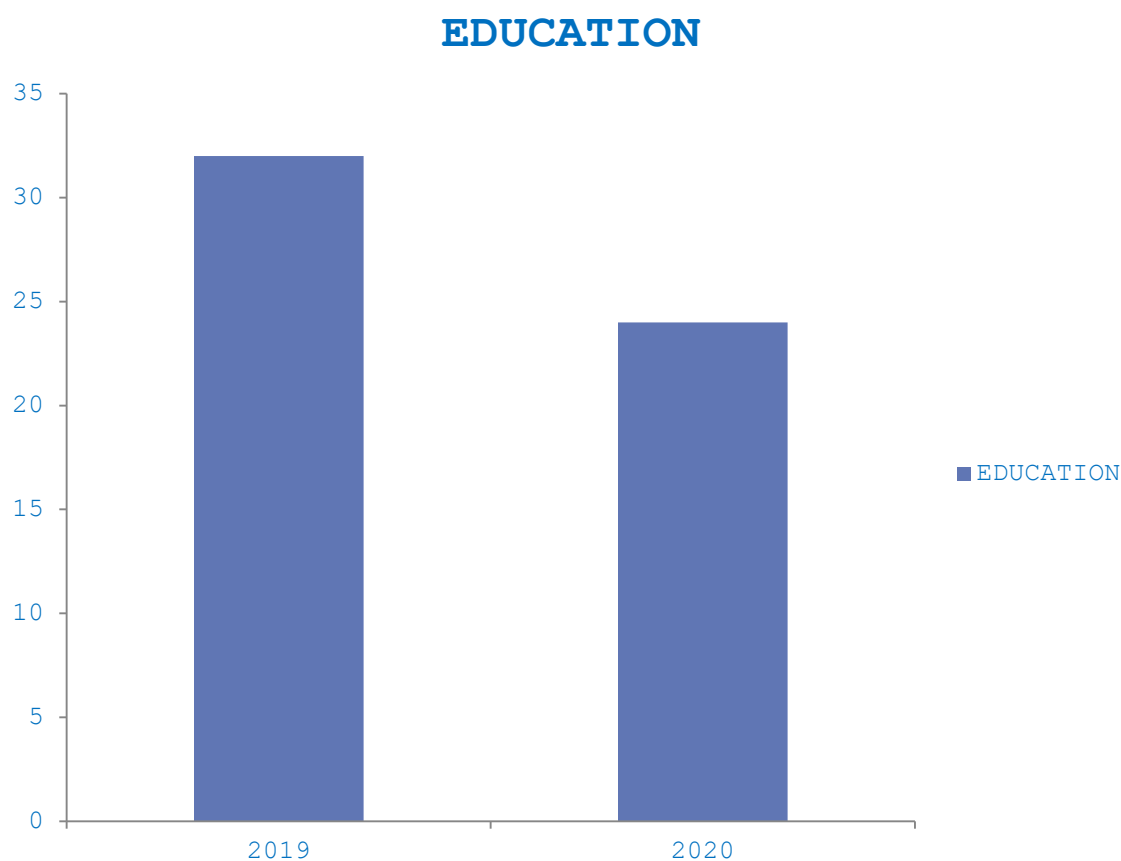


PROFESSOR MONDAY UBANGHA

DEAN, FACULTY OF EDUCATION



PUBLICATION TRENDS IN FACULTY OF EDUCATION (2019-2020)



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3. Adebayo, A., Olatunde, F. A. and Obaje, A. F. (2019). Achieving National Development through Social Studies Education in Nigeria: The Roles of Postgraduate School. *Social Science Education Journal*, 3(1): 2019. 76-82.
4. Adetoro, J. A. and Sule, S. A. (2019). Motivational factors and teachers' productivity in Lagos State. *Journal of Educational Thought*, 7(2): 144 - 252.
5. Afonja, A.F. (2019). Family-Friendly Workplace Policies as Predictors of Sustainable Workforce in the Service Industry in Lagos State, Nigeria. *Journal of Psychology*, 19 (2):11-17
6. Afonja, A.F. (2019). Twenty-first Century Vocational Skills and Women Empowerment: Need for Training. In Ojo, R.C. and Sarumi, A.A. (eds.), *Perspective on Women Education in Nigeria*, Ibadan, John Archers Publishers
7. Anyikwa, E.B (2019). *Adult Literacy: Principles and Practices*. Book Printed and Published by University of Lagos Press, Lagos, Nigeria
8. Anyikwa. B.E (2019). Humanistic model in Adult Education and the New Age of Science and Technology: Challenges for the 21st Developing Nation. *Philosophy of Education Association of Nigeria*, 30(2): 113-116, ISSN: 079-0114
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10. Grace O. Otinwa and Jane S. Akinyemi, (2019). Effects of Nigerian indigenous aerobic dance music on the physiological variables of female workers in Lagos metropolis". *The ICHPER.SD Journal of Research*, X(2): 8-12.
11. Kusimo, N.O., Opeloyeru, A.A., Simon, S.A., Kusimo, M.O. and Olusakin A.M. (2019). Parents' and children's perception of the challenges of acquiring primary and post-primary education in rural communities of Rivers State. *International NGO Journal*, 14(2): 6-12
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14. Longe, O.O. (2019). Influence of Environmental Factors on Adolescent Delinquent Lifestyle. *Educational Journal of Multi-Disciplinary Studies*, 8(1): 42-52.
15. Longe, O.O. (2019). Influence of Familial Characteristics on the Psychosocial Development of Adolescents in Lagos State, Nigeria. *International Journal of Educational Research*, 6(2): 145-158.
16. Longe, O.O. (2019). Teacher Factors and Quality Service Delivery in Public Secondary Schools in Mainland Local Government Area, Lagos, Nigeria. *Lagos Journal of Educational Administration Management and Planning*, 6: 142-155.
17. Longe, O.O. and Adeyeye, A.N. (2019). Adolescent's Bullying and Aggression tendencies at Junior Secondary School as Predictors of Delinquent Behaviour: The Mediative role of Self-Control. *International Journal of Educational Research*, 6(1), 143-152.
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22. Onwuama, M and Anyikwa E.B (2019). Effect of Health Literacy on Disease Prevention and Health Maintenance among HIV/AIDS Patients in Lagos State. *Journal of Education. Journal of Faculty of Education, Kampala International University in Tanzania*, 12: 169-191
23. Onwuama, M and Anyikwa, E. B. (2019). Effect of Health Literacy on Disease Prevention and Health Maintenance among HIV/AIDS Patients in Lagos State. *Journal of Education*, 12: 169-191.
24. Otinwa, G.O, Onwuama, M.A., Owolabi, H.L., and Idris, Y.A (2019). Knowledge, Attitude and Practice of Selected Persons Towards Precautionary Warnings on Registered Drug Products. *Journal of International Council for Health, Physical Education, Recreation, Sports and Dance, (ICHPER.SD) Africa Region*, 5(1): 9 – 16.
25. Owoyemi T.E. (2019). Chemistry and language: Any relationship? In Adeosun O. and Olojede K. (Eds.) *Connecting Language, Literature and Literacy for Learning: A Festschrift in Honour of Prof. Olufunke Olufemi Lawal*. Lagos: New Hope Nig. Enterprises. Pp 119 - 129.
26. Owoyemi T.E. (2019). Education for sustainable development: pre-service teachers knowledge and understanding. In Yoshida, K. (Ed.) *Toward achieving the SDG4: Contributions of African and Asian researchers*. Africa-Asia University

- Dialogue for Educational Development Report of Phase IV Research Results. Japan: Centre for the Study of International Cooperation in Education, Hiroshima University, 147-159.
27. Owoyemi, T. E., (2019). A study of environmental issues awareness, knowledge and attitude towards environmental education based on certain variables among secondary school students in Ondo State. *UNILAG Journal of Curriculum and Instruction*, 1(1): 65-75.
 28. Owoyemi, T. E., Umanah, F.I. (2019). Chemistry teachers knowledge of the concept of and principle of green chemistry based on their professional qualification in Akwa Ibom State. *Journal of Science Teachers association of Nigeria*, 54,149 - 157.
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 31. Sule, S. A. and Okon, J. E. (2019). Change management strategies and teachers' job effectiveness in secondary schools in Shomolu Local Government Area, Lagos State. *International Journal of Educational Research*, 6(1): (208 - 217.)
 32. Thomas, O.A. and Sopekan, O.S (2019). Administrative competencies of early childhood managers in pre-primary schools in Lagos State, Nigeria. *Lagos Journal of Educational Administration and Planning*, 6, 126-141.
- 2020 Publications**
1. Adebisi, D. T, Makinde, B O. and Olusakin, A.M. (2020). Effectiveness of Integrative Behavioural Couple Therapy And Logotherapy on Psychological Exhaustion Among Married Persons in Ibadan Metropolis. *African Journal for the Psychological Study of Social*, 23(2): 129-138
 2. Adebisi, D. T, Makinde, B O., Olusakin, A.M and Badru, Fatai (2020). Impact of Counselling Intervention on the Psychosocial Well-Being of School Children in Their Peculiar Indigenous Environment, Makoko, Lagos. *UNILAG Journal of Medicine, Science and Technology*, 8(1): 121-134
 3. Adeyinka, T.J., Makinde, B.O. and Olusakin, A.M. (2020). Effects of Acceptance-Commitment Therapy and Social Skills Training on Anxiety of Adolescent Students From Father-Absent Families in Lagos State. *International Journal of Educational Research*, 7(1): 61-76
 4. Afonja, A.F. (2020). Application of Family-Friendly Policies in Public and Private Institutions for Effective Service Delivery in Lagos State, Nigeria. *Organizational Culture: An International Journal*, 20 (2):1-12.
 5. Afonja, A.F. (2020). Use of GSM for the Enhancement of Trade Among Artisans in Lagos State, Nigeria. *Journal of Adult Education and Community Services*, 2 (2): 10-18.
 6. Ajero, J. I. and Sule, S.A. (2020). An investigation of school climate in Delta State private and public secondary schools. *Unizik Journal of Educational Management and Policy*, 4(1): (72 - 79.)
 7. Ajeyalemi, F.O. (2020). Candidates 'assessment of the joint university preliminary examination board programme in Nigeria. *Nigerian Online Journal of Educational Sciences and Technology*, 2(1): 40-46.
 8. Ajeyalemi, O.F. (2020). Perceptions of Parents and Tutors on the Implementation of the Joint Preliminary Examinations Board (JUPEB) Programme in Nigeria. *International Journal of Innovative Technology Integration in Education*, 4(2): 56-63.
 9. Akhigbe J.N., Adeyemi A.E. (2020). Using gender responsive collaborative learning strategy to improve student's achievement and attitude towards learning science in virtual and hands-on laboratory environment. *Journal of Pedagogical Research*, 4(3): 241-261. <http://dx.doi.org/10.33902/JPR.2021063948>
 10. Akhigbe J.N., Ogufero J.A. (2020). Effect of Computer Simulation Instructional Strategy on Students Attitude and Academic Achievement in Genetics. *KIU Journal of Social Sciences*, 5(4): 305-315.
 11. Alao, O. E. and Onah, N.F. (2020). Assessing instructional resources and students' self-employment readiness through Marketing Trade Subject in Lagos State, Nigeria. *Journal of Vocational Education Studies*, 3(1): 1-12. DOI: <https://doi.org/10.12928/joves.v3i2.2744>.
 12. Alao, O.E. (2020). Business education students' perception of social entrepreneurship opportunities for sustainable economy of Nigeria. *Multidisciplinary Journal of Language and Social Sciences Education*, 3(2), 43-65.
 13. Alao, O.E. and Alao, P.O. (2020). Social entrepreneurship empowerment of business education students for sustainability of the Nigerian economy. *Journal of Contemporary Issues and Thought*, 11(1): 52-67.
 14. Alao, O.E. and Ukpong, M.J. (2020). Instructional resources and effective pedagogy of Financial Accounting in secondary schools, Lagos, Nigeria. *International Business Education Journal*, 13: 94-108. <https://doi.org/10.37134/ibej.vol13.sp.9.2020>
 15. Alao, O.E., Onah, N.F. and Alao, P.O. (2020). Instructional strategies and students' entrepreneurial empowerment through Marketing Trade subject in Lagos State, Nigeria. *Asian Journal of Assessment in Teaching and Learning*, 10(2): 62-71. <https://doi.org/10.37134/ajatel.vol10.2.7.2020>
 16. Anyikwa, E.B and Emiola, A.G. (2020). Effect of environmental Literacy on Waste Management Practices of Slum Dwellers in Lagos State: A Study of Makoko and Ilaje Communities.
 17. Anyikwa, E.B; Ojo, R.O and Yinusa, Y.O. (2020). Myths and Misconceptions of Covid-19: the role of community advocacy programme. *Nigerian Online Journal of Educational Sciences and Technology*, 2(1): 24-33.
 18. Ishola, N.A., Alao, O.E. and Ukpong, M.J. (2020). Teachers' instructional quality and students' difficulty level in Financial Accounting at senior secondary schools in Lagos State, Nigeria. *Multidisciplinary Journal of Language and Social Sciences Education*, 3(3): 51-72.
 19. Kareem, A. A., Makinde, B. O. and Olusakin, A. M. (2020). Hunters' Awareness and Attitudes Towards

- Wildlife Conservation in Ijebu-East Local Government Area, Ogun State, Nigeria. *UNILAG Journal of Medicine, Science and Technology*, 8(1): 111-120
20. Longe O.O. and Uzozie, I. I. (2020). Parent-Child Relationship on Children's Emotional Development and Social Competence among Public Primary Pupils in Ado-Odo/Ota Local Government Area, Ogun State, Nigeria. *Kampala International University (KIU) Journal of Education*, 15 (1): 21-27.
 21. Owoyemi, T. E., Adeleke, S. A., (2020). Pre-service and in-service chemistry teachers knowledge and attitude to green chemistry in Lagos State, Nigeria. *Journal of Curriculum and Instruction*, 1(3): 22-33.
 22. Owoyemi, T. E., Moju, M., (2020). Investigating chemistry teachers perception and attitude towards integration of green chemistry principles into secondary school chemistry curriculum: a case study of Lagos State. *Journal of Curriculum and Instruction*, 1(3): 57-71.
 23. Udeani U.N., Akhigbe J.N. (2020). Gamification as an instructional approach under collaborative and competitive mode: An analysis of students learning outcomes in biology. *International Journal of Innovative Technology Integration in Education*, 4(1), 42-60.
 24. Udeani U.N., Akhigbe J.N. (2020). In-Service Biology Teachers Perceptions and Pedagogical Rating of Two Mobile Learning Applications Recommended for Learning Biology in Nigerian Secondary Schools. *The African Journal of Information Systems*, 12(1): 92-108.
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FACULTY OF SOCIAL SCIENCES



CLYNEPHOTOGRAPHY

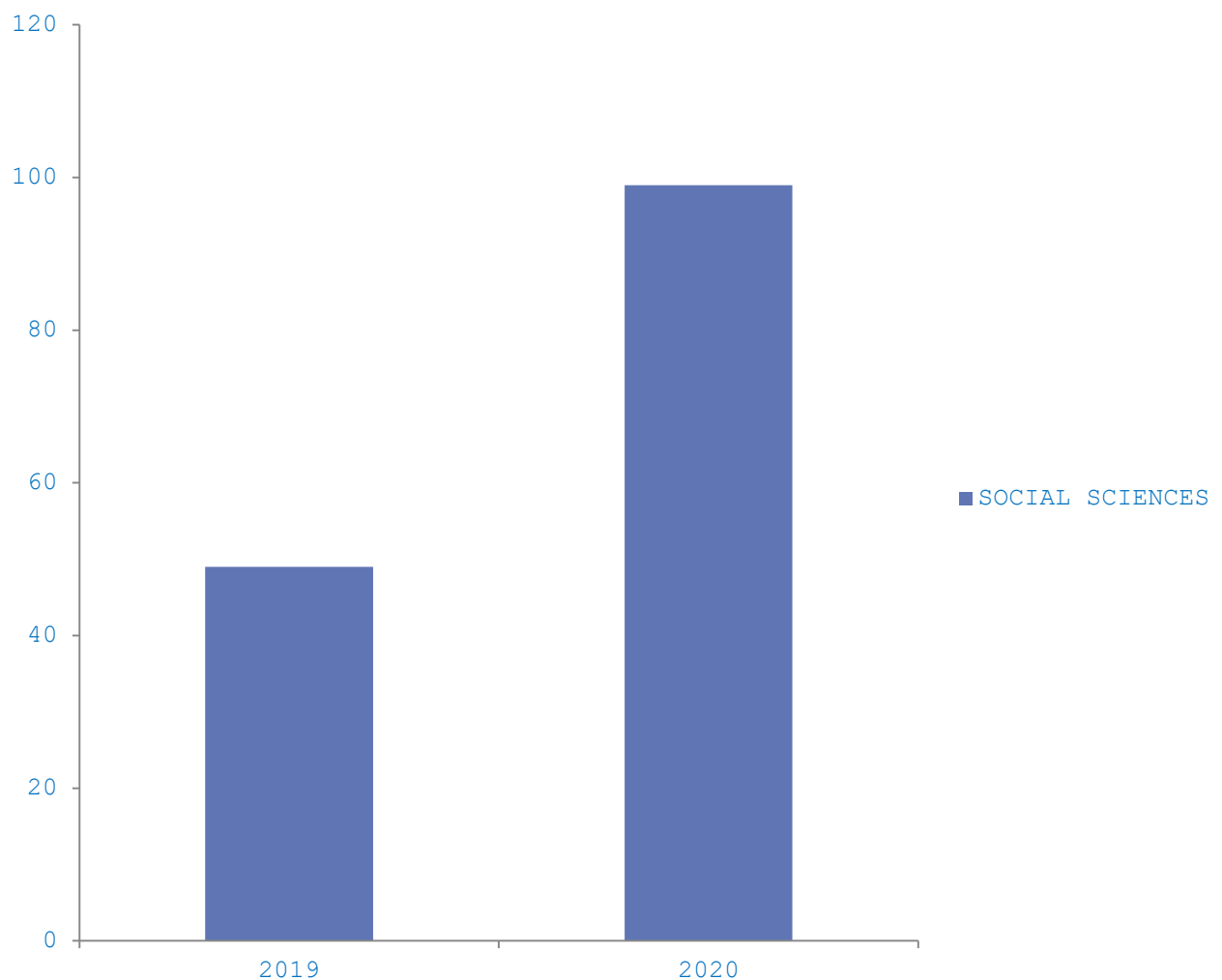
PROFESSOR OLUFUNLAYO OLAOTAN BAMMEKE

DEAN, FACULTY OF SOCIAL SCIENCES



PUBLICATION TRENDS IN FACULTY OF SOCIAL SCIENCES

SOCIAL SCIENCES



2019 Publications

1. Adegboye A.C., Arodoye N.L., Irughe I.R. (2019). Tax performance, institutions and fiscal convergence in the Economic Community of West Africa States. *West African Financial and Economic Review*, 16(1): 27-47.
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3. Adegboye A.C., Arodoye N.L. (2019). Performance and sustainability of public debt in Nigeria. In Aigbokhan, B., Edo, S., & Fajingbesi, A. (eds), *Managing the Nigerian economy in the twenty-first century*. Benin: Mindex Publishing Company Limited. Pp 224-256.
4. Adeyemi (2019). Evaluation of the toxicity potential of acute and sub-acute exposure to the aqueous root extract of *Aristolochia ringens* Vahl. (Aristolochiaceae). *Journal of Ethnopharmacology*, 244: 112150.
5. Okwuchukwu E.K., Abimbola S.A., Ogunkunle, O. O., Sofidiya M. O., Kabir B.B., Abdulkareem F.B. (2019). Toxicological evaluation of the stem bark of *Burkea africana* Hook. (Caesalpinaceae) in Wistar rats. *Nigerian Journal of Natural Product and Medicine*, 23: 33-40.
6. Aiyegbajeje, F.O. (2019). Determinants of travel behaviour in taxi transport system of Lagos metropolis of Nigeria. *Transport Geography Papers*, 22(1): 13-21.
7. Akpan, U. (2020). The impact of transnational broadcasting of European football leagues on migration of footballers of Nigeria's elite local leagues. *Media and Communication Currents*, 4 (2): 1-21
8. Alabi, T.A., Adejoh, S.O., Atinge, S. and Umahi, E. (2019). Social and bio-medical predictors of exclusive breastfeeding among nursing mothers in Lagos and Taraba States, Nigeria. *Journal of Pediatric Nursing*, 52: e96-Ee102. <https://doi.org/10.1016/j.pedn.2019.12.002>
9. Adejoh, S.O, Alabi, T.A., Adisa, W.B. and Emezio, N.M. (2019). Yahoo Boys Phenomenon in Lagos Metropolis: A Qualitative Investigation. *International Journal of Cyber Criminology*, 13 (1):1-20. <https://www.cybercrimejournal.com/Adejohetalvol13issue1IJCC2019.pdf>
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12. Nwanna, C. R. and Ogunniran, I. (2019). Challenges of Lagos State Childs Rights Law: Social Welfare Officers Perspective. *African Journal of Criminology and Justice Studies*, 12(1):
13. Nwanna, C. R. (2019). Discrimination against people with HIV and AIDS in the workplace: A Lagos State Example. in Eneanya, A. N. *Human Rights, Public Values, and Leadership in Healthcare Policy*. USA: IGI Global: 22- 47. DOI: 10.4018/978-1-5225-6133-0.ch002.
14. Nwanna, C. R. (2019). Women and work place conditions in Nigeria: Issues, challenges and prospects. *Nigerian Journal of Social Work Education*, 18: 12 -23.
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21. Olohunlana, A. O. and Dauda, R. O. S. (2019). Implications of financial development on poverty and inequality: Evidence from Nigeria. *The Romanian Economic Journal*, XXII(71): 42 -59
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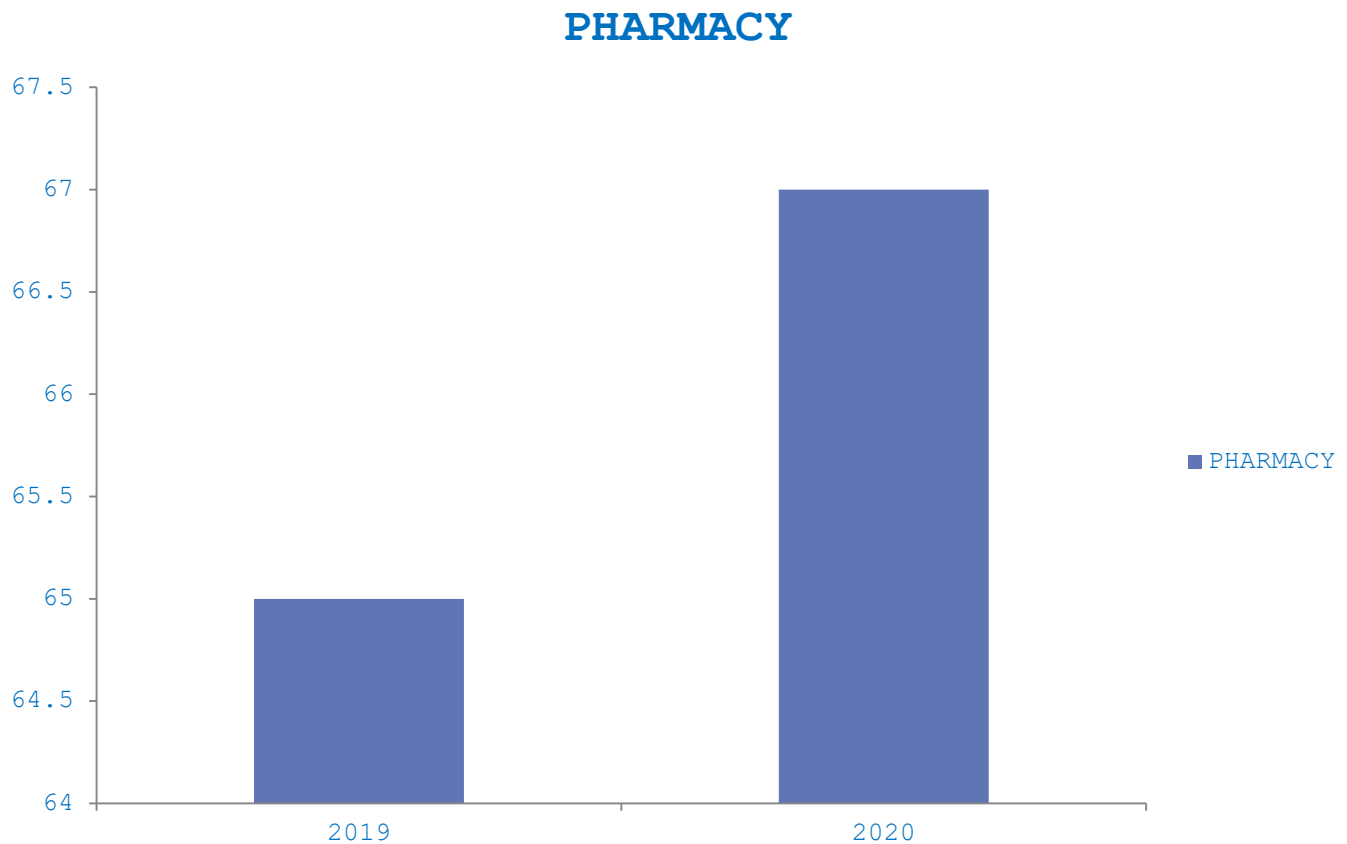


Professor Glory Oluremilekun Ajayi

DEAN, FACULTY OF PHARMACY



PUBLICATION TRENDS IN FACULTY OF PHARMACY



Faculty of Pharmacy

2019 Publications

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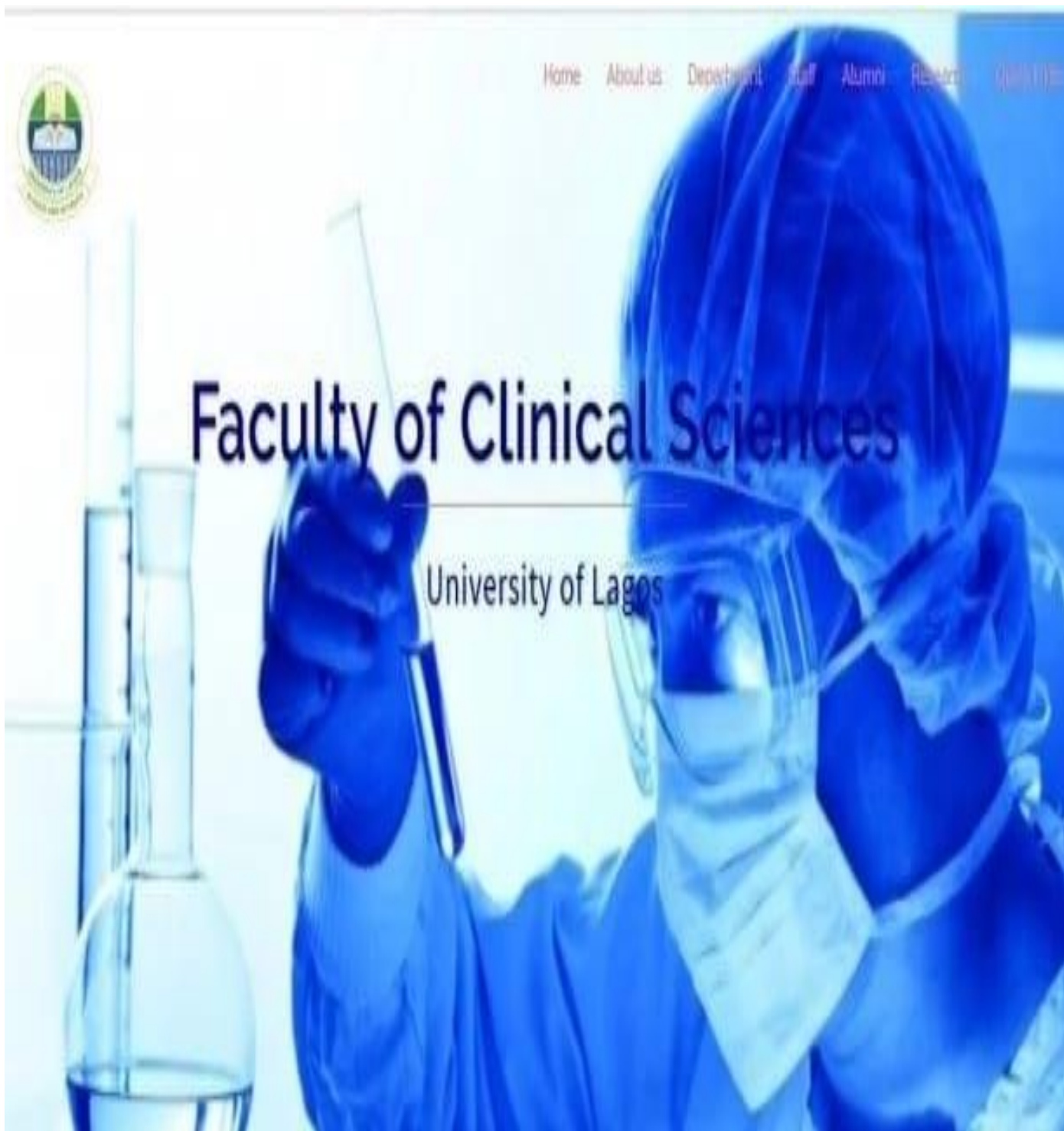
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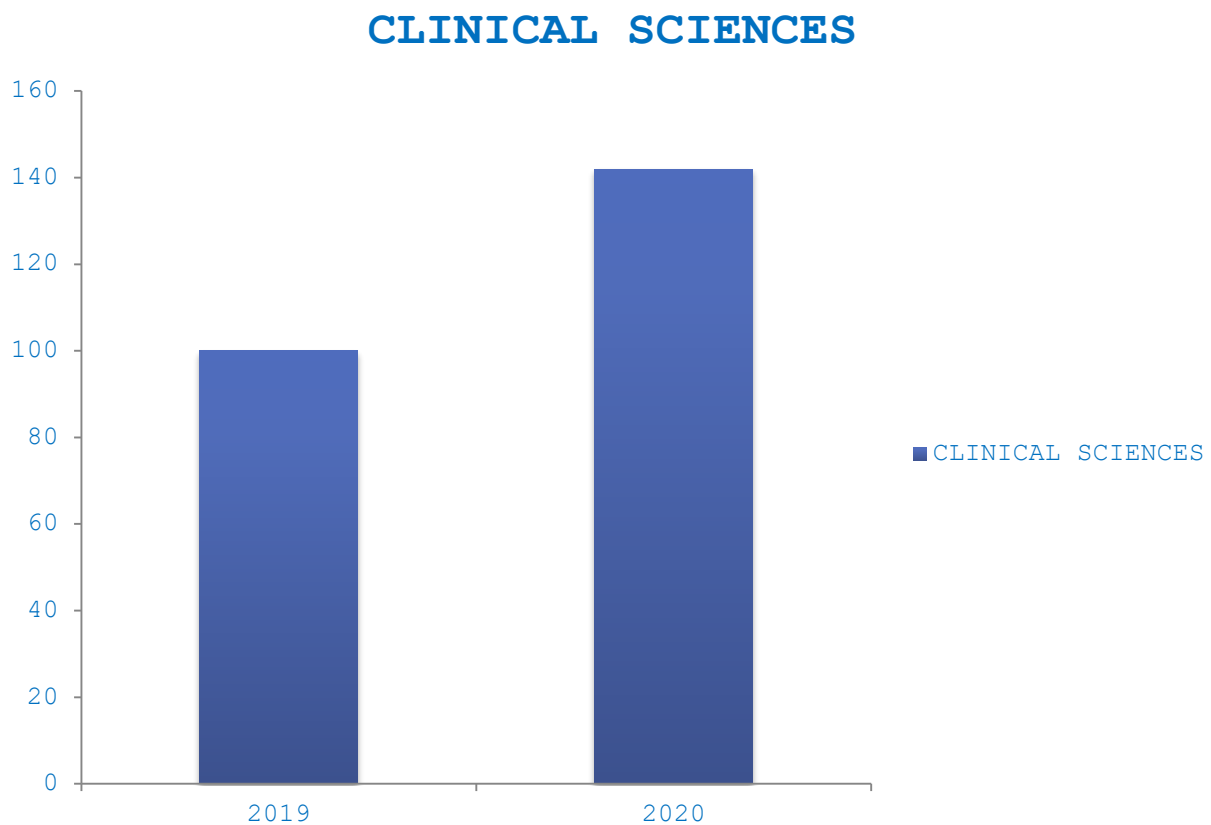


PROFESSOR FOLASADE BOLANLE AKINSOLA

DEAN, FACULTY OF CLINICAL SCIENCES



PUBLICATION TRENDS IN FACULTY OF CLINICAL SCIENCES



Faculty of Clinical Sciences

2019 Publications

1. Abaraogu UO, Aguji K, Duru DO, Okafor UC, Ezeukwu AO, Igwe SE (2019). Physiotherapist-Patient Communication in Entry Level Physiotherapy Education: A National Survey in Nigeria. *Hong Kong Physiotherapy Journal*, 39(1): 77-87
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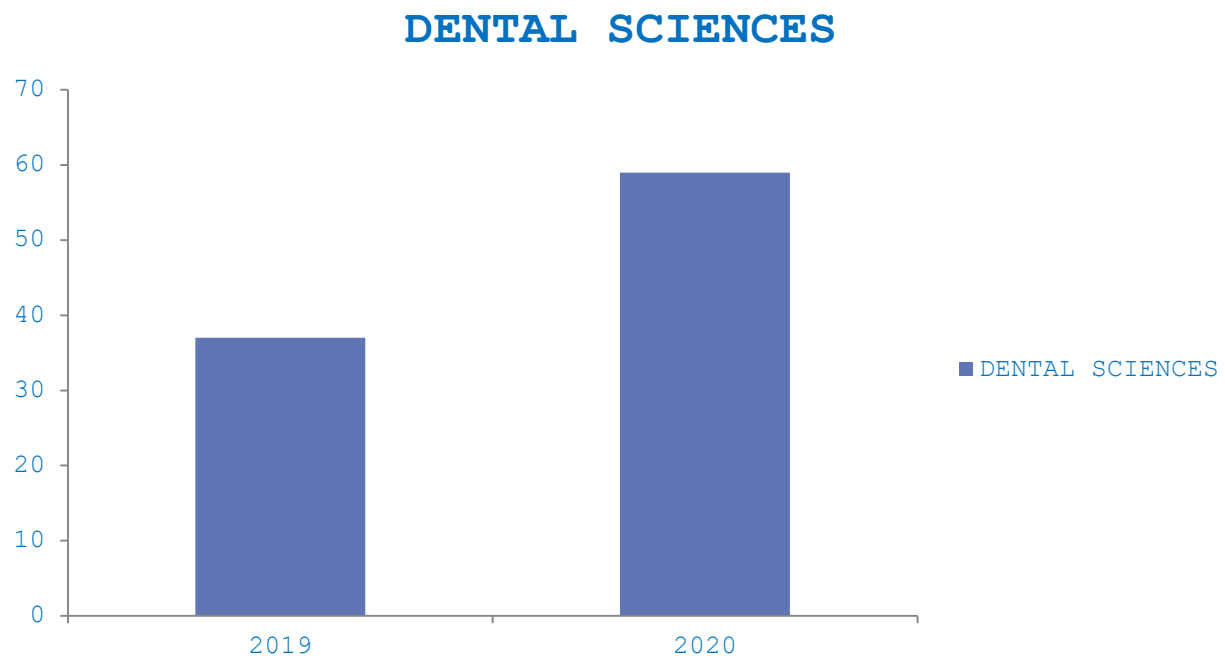


PROFESSOR OLURANTI OLATOKUNBO DACOSTA

DEAN, FACULTY OF DENTAL SCIENCES



PUBLICATION TRENDS IN FACULTY OF DENTAL SCIENCES (2019-2020)



2019 Publications

1. Adamson OO, Adeyemi MO, Gbotolorun OM, Oduyebo OO, Odeniyi O, Adeyemo WL. (2020). Comparison of sensitivity of bacteria isolated in odontogenic infections to ceftriaxone and amoxicillin-clavulanate. *African Health Sciences*, 19(3): 2414-2420, Doi: 10.4314/ahs.v19i3.15.
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 3. Adekunle AA, Adamson OO, James O, Ogunlewe MO, Butali A, Adeyemo WL. (2020) Breastfeeding Practices Among Mothers of Children With Orofacial Clefts in an African Cohort. *Cleft Palate Craniofacial Journal*, 57(8):1018-1023.
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 15. Arotiba GT, Loto OA, Ijarogbe OA, Ajayi Y, Umesi DC, Menakaya I. (2020). Minimum intervention dentistry in resource challenged Practice environment. *African Journal of Oral Health*, 9(2):1-12
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DISTANCE LEARNING INSTITUTE (DLI)

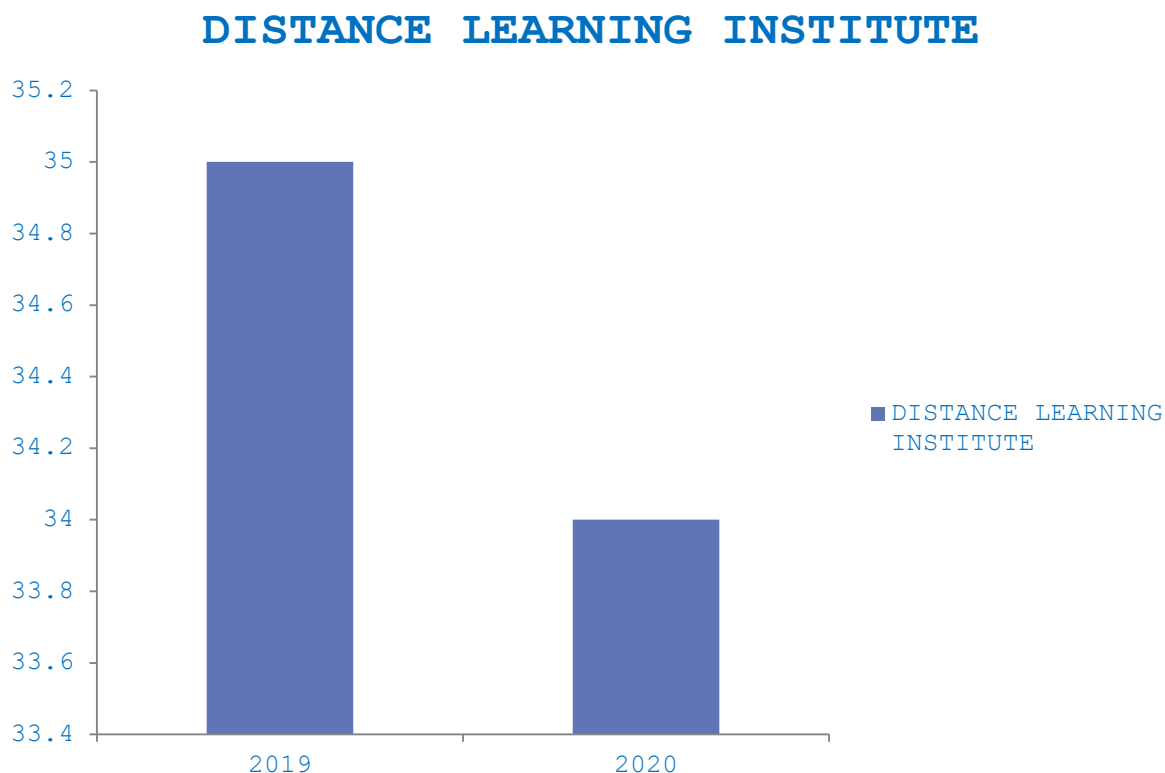


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PUBLICATION TRENDS IN FACULTY OF DISTANCE LEARNING INSTITUTE (DLI) (2019 -2020)



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 18. Iyiegbuniwe JC, Alaneme GC, Reju CO, Opara AI. (2020). Comparing Learners Performance in Distance Learning Institute, University of Lagos, Nigeria. *Journal of Global Economics and Business*, 1(3): 1-17.
 19. Ogunkanmi LA, Atujor AO, Fakorede ST, Bolarinwa KA, Bamkefa BA, Adekoya KO, Sifau MO, Oboh BO. (2020). Genetic effect of electronic-waste Leachate from alaba international market on *Drosophila*. *UNILAG Journal of Medicine, Science and Technology* (CEBCEM Special Edition), 8 (1): 82-93.
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 21. Oladele EO, Adeniyi CO. (2020). Factors Influencing Female Enrolment in Science Education Programmes in Distance Learning Institutions in South-West, Nigeria Teacher Education true Flexible

- Learning in Africa. *Teacher Education Through Flexible Learning EJournal*, (2)1: 113-129, doi: 10.35293/tetfle.v2i1.90
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 23. Oladipo AJ, Ebabhi AM. (2020). Teachers awareness and perceptions of virtual laboratories on acquisition of biology practical skills in Lagos state. *Nigerian Online Journal of Educational Sciences and Technology*, 1(1):1-11.
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 31. Udeani UN, Akhigbe JN. (2020). Gamification as an instructional approach under collaborative and competitive models. An analysis of students learning outcomes in biology. *International Journal of Innovative Technology Integration in Education*, 4(1) 40-60
 32. Udobi-Owolaja PI, Iyiegbuniwe WC, Iyiegbuniwe JC. (2020). Credit Access and The Performance of Small Scale Agro-Based Enterprises in Nigeria. *International Journal of Economics, Commerce and Management*, 8(3): 94- 05.
 33. Yahaya T, Oladele EO, Chibs B, Abdulazeez A, Nnochiri K, Akinola O, Stephen AO, Ahmed H, Daniel A (2020). Level and Health Risk Evaluation of Heavy Metals and Microorganisms in Urban Soils of Lagos, Southwest Nigeria. *Algerian Journal of Bioscience*.1(2): 51-60
 34. Yahaya T, Oladele EO, Sifau M, Bala J. (2020). Characterization and Cytogenotoxicity of Birnin Kebbi Central Abattoir Wastewater. *Uniport Journal of Engineering and Science Reseach*, 5: 63-70

FACULTY OF LAW

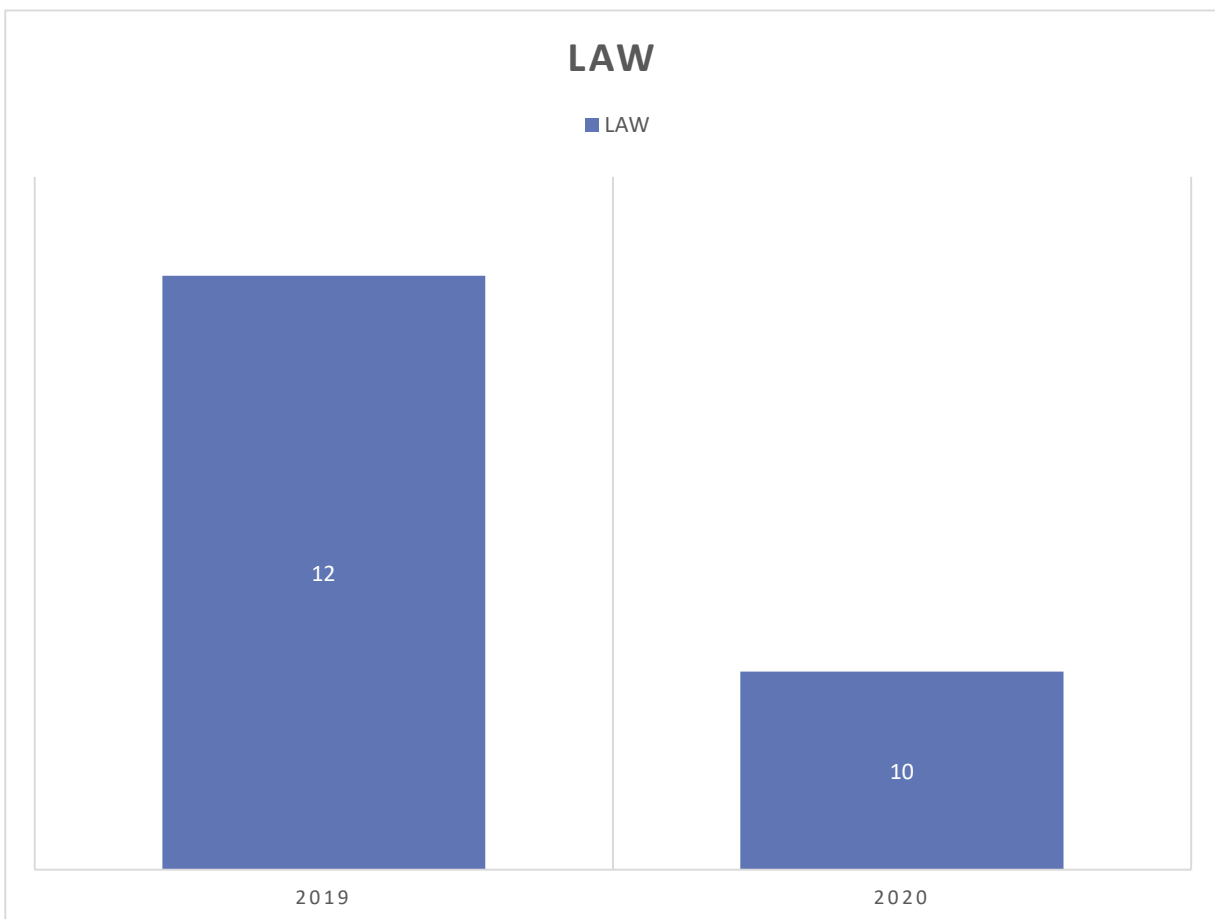


PROFESSOR I.O. BOLODEOKU

DEAN, FACULTY OF LAW



PUBLICATION TRENDS IN FACULTY OF LAW (2019 – 2020)



FACULTY OF LAW

2019 Publications

1. Akaayar VS. (2019). Chapter 20: The judiciary as a pillar of national development: Reflections on some contributions of Lord Justice Kumai Bayang aka 'ahs': In Oke T, Omavuezi T. (eds.), *Justice on the Sands of Time and History*, Princeton & Ass. Pub. Ltd: Lagos.
2. Akingbehin EO (2019), Combating the Menace of Armed Robbery in Nigeria: Legal and Criminological Perspectives. *Redeemer's University Law Journal by College of Law*, 2: 77-99
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7. Igbinedion SA. (2019). Finding value for the right to development in international law. *African Human Rights Law Journal*, 19: 395-417
8. Igbinedion SA. (2019). Interrogating the Status of Rule of Law in the War against Terrorism in Nigeria. *Adeleke University Law Journal*, 1: 254-267;
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7. Oluwasemilore IA. (2020). Copyright and Open Educational Resources in Nigeria (2020) Ife Juris Review. Journal of Contemporary Legal and Allied Issues, Department of Jurisprudence and Private Law, Faculty of Law, Obafemi Awolowo University, Ile-Ife.
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FACULTY OF MANAGEMENT SCIENCES

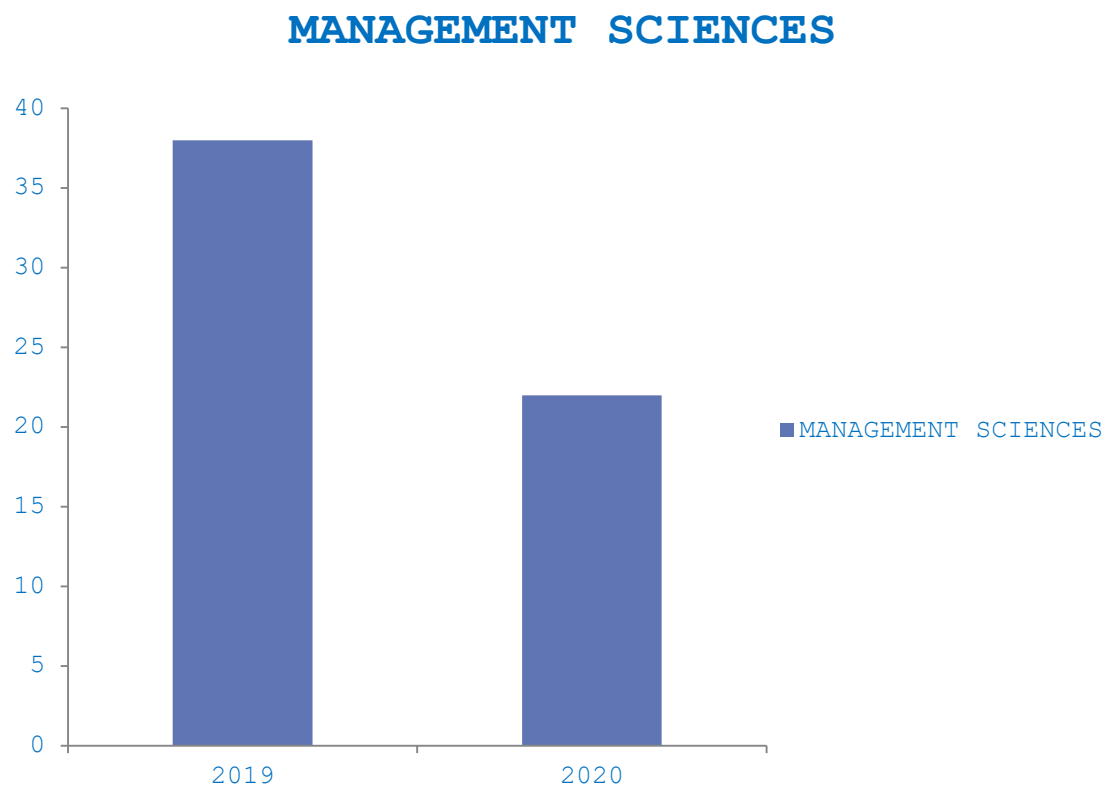


PROFESSOR OWOLABI KUYE

DEAN, FACULTY OF MANAGEMENT SCIENCES



PUBLICATION TRENDS IN FACULTY OF MANAGEMENT SCIENCES (2019 –2020)



FACULTY OF MANAGEMENT SCIENCES

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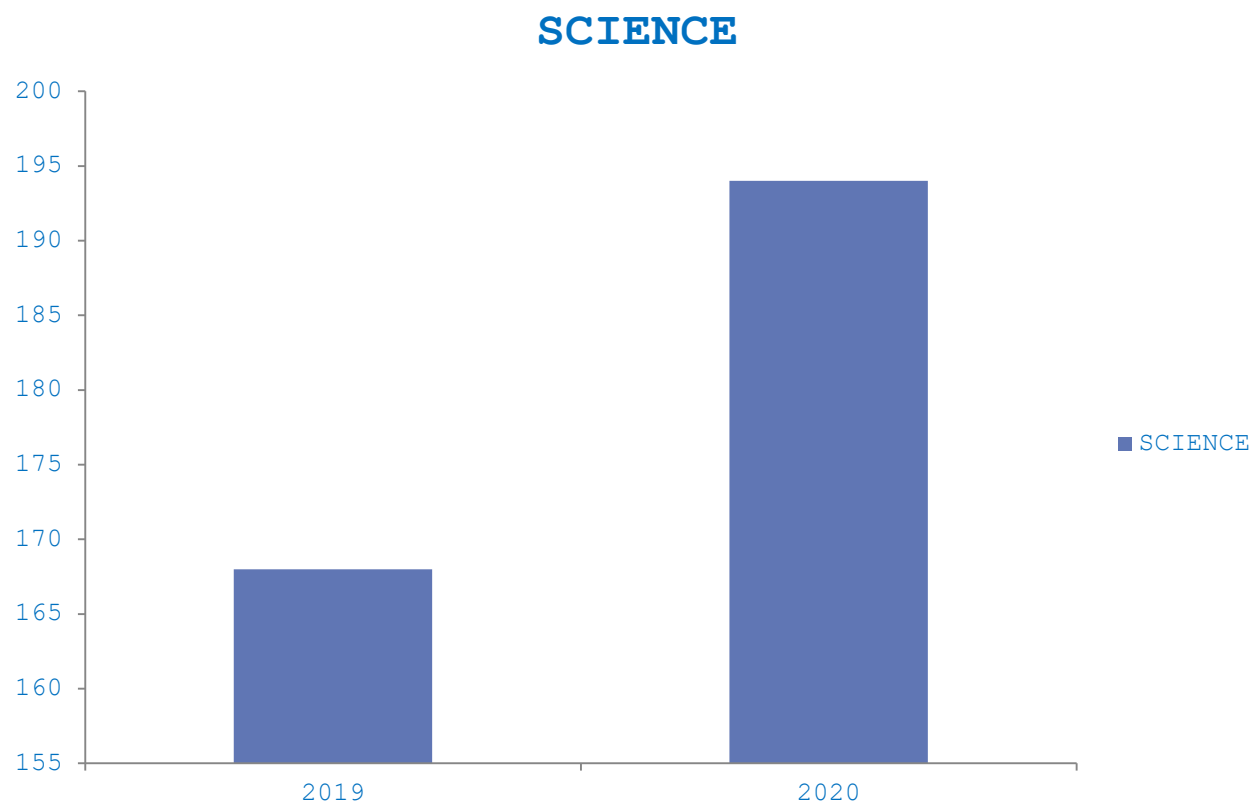


PROFESSOR ADEDOTUN A. ADEKUNLE

DEAN, FACULTY OF SCIENCE



PUBLICATION TRENDS IN FACULTY OF SCIENCE (2019 -2020)



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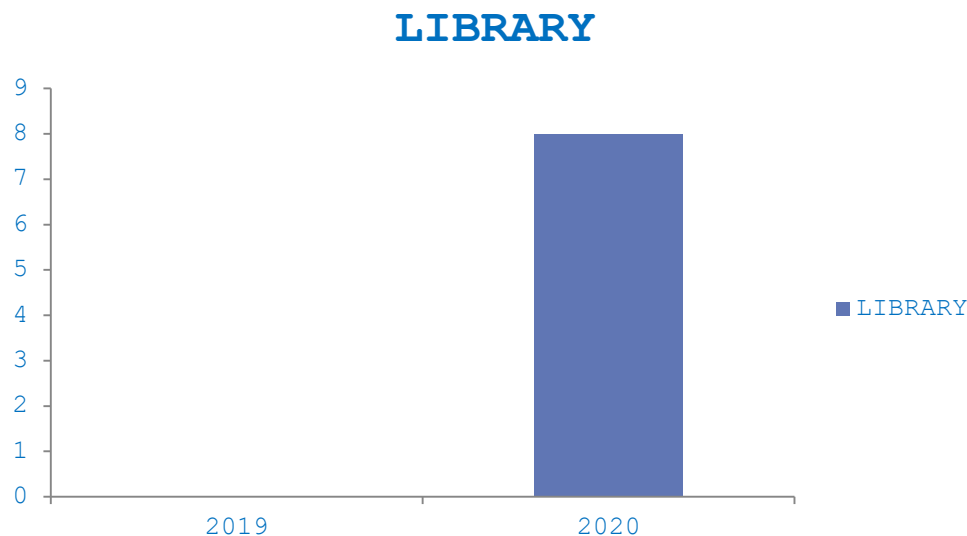
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PUBLICATION TRENDS IN THE UNIVERSITY LIBRARY (2019 -2020)



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