



# LANDMARK UNIVERSITY

# LUCRID Bulletin

(A Bulletin of the LMU Centre for Research, Innovation and Discoveries)

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## VISIONARY EMPHASIS:

**"LANDMARK will be University of the Holy Spirit** that will connect very strongly with a **rising generation of world changers** who will burn with passion to see God made famous in all of the earth **"**

- Dr David Oyedepo, Chancellor, Landmark University



Director LUCRID flanked by the College LUCRID Coordinators during a visit to the International Exhibition Centre of the University.

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PROF. ADENIYI OLAYANJU

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## VICE- CHANCELLOR'S CHARGE

**Professor Adeniyi Olayanju**

**L**development. The research endeavors in the University is witnessing tremendous increase towards the actualization of a world class standard, as well as listing in the Times Higher Education (THE) University ranking. To God be the glory that we are counting the 3rd year running towards this THE feat with publications of above 150 articles in SCOPUS platform each year since 2018.

The months of January to March 2020 (and still counting) has witnessed massive increase in the number of publications indexed in the Scopus database for Landmark University with a total of 60 indexed papers. This has brought the total Scopus publication record for the University to 900 articles, written by a total of 480 authors both within the University as well as by collaborators. Of the 60 documents indexed in Scopus so far for the year 2020, 36 are open access for which the University has fully made payments for each accepted manuscript as part of Faculty/Staff development programme in the University. Further, more than 20 other requests for open access payment have been approved for payments.

In line with the visionary mandate of the University, we have at the core of our operational strategies the consistent drive for continuous improvement as key to achieving excellence. This has placed on our shoulders the demand of rigorous and translational research at all levels with emphasis on multidisciplinary approach. However, a Stakeholder approach to research is what will give Landmark a place among the comity of Renowned Universities. This therefore had led to the evolution of the 17 research groups in Landmark University based on the Global Sustainable

Development Goals (SDGs), and as a means of bridging the gap between theory and practice. I will, conclude by stating that as Faculty and Staff of the University we need to (i) be solution minded, (ii) acquire relevant academic and publication culture, (iii) identify role models, (iv) subscribe to mentorship, and (v) go for credible workshops/conferences.

Finally, I rejoice with the entire members of Management, Faculty, Staff and Students of Landmark University as she clocks 9. The Number 9 in our context signifies Fruitfulness – a time of delivery from National Presence to International Limelight.

# FROM THE DIRECTOR'S, **DESK**

**Professor B. Olufemi Adebaisin**



It is another opportunity to present to the entire Landmark community the 4th issue of the LUCRID Bulletin. The publication of this issue coincides with the 9th Founders Day Anniversary (specifically 21st March 2020) celebration of the University. Consequently, there is a special 'FEATURED CONTRIBUTIONS' segment from some members of Management to commemorate the anniversary. The topics covered include 'Landmark University's Expectations from Faculty and Staff', 'Contribution of School of Postgraduate Studies to the Landmark University Research Drive', 'Landmark University Research Mandate for Agrarian Revolution', 'The Synergy between Research and Entrepreneurship', 'The Role of Science in Translational Research', as well as 'Winning Grants – the Winning Academic'. The other regular segments were still flagged. Added to this is the newly introduced "Seminar Presentation Pick of the week", section, presented by a Faculty from Sociology department in the College of Business and Social Sciences. This issue promises to be enlightening and educative.  
Remain blessed as you read.



Director LUCRID flanked by the College LUCRID Coordinators during a visit to the International Exhibition Centre of the University.

## LANDMARK UNIVERSITY FACULTY WINS TOP NIGERIAN ACADEMY OF SCIENCE PRIZE



Professor Olugbenga Solomon BELLO, a faculty on sabbatical appointment in the Department of Physical Sciences, Industrial Chemistry Programme, has won the 2019 Nigerian Academy of Science (NAS) Gold medal Award.

This annual prize was established to recognize personal/team scientific excellence and is aimed at stimulating

and rewarding excellence in Science, Technology and Innovation. It is awarded to the scientist(s) whose work has made the most impact in furthering the frontiers of knowledge and has made significant contributions to mankind with particular reference to the national context. It is the highest honor that the Academy would bestow on a Nigerian Scientist. The Prize is made of a certificate, medal of recognition and a purse.

The chairman of the NAS Science Prize Committee said Prof. Bello's work focused on utilizing adsorption technology in removing different dyes from wastewater. "This process is claimed to be of a simple design, inexpensive, and multi-functional," the statement noted. Prof. Bello's accomplishment as well as the significant impact of his findings research-wise has contributed immensely to environmental protection and conservation. It has positively impacted a range of stakeholders ranging from environmentalists, water purification experts and those in the medical disciplines.

The Landmark University Management congratulates Prof. O. S. Bello on this laudable achievement in his academic career.

# FEATURED CONTRIBUTIONS:



## LANDMARK UNIVERSITY'S EXPECTATIONS FROM FACULTY AND STAFF

■ Miss Funke Oyinloye  
Registrar, Landmark University

Landmark University is a Christian Mission University driven by the compelling Vision "to be a leading world class university, by spearheading an agrarian revolution on the African continent through the exploration of hidden treasures in the mother-earth thereby restoring the dignity of the black race."

This time-bound Vision cannot be achieved in isolation of the Faculty and Staff that make up the workforce of the University. Hence, the principal expectation of the Proprietor Base is for every Faculty and Staff to possess a working knowledge of the Vision (the **modus operandi**, **location** and **reason for the Vision**), and work assiduously in their individual space towards its speedy accomplishment.

In order to achieve this "**Big Picture**", the Proprietors of Landmark University have carefully crafted 7 Core Values which possess character/personality moulding components to serve as guide to every Faculty and Staff.

They are encapsulated in an Acronym known to as **SIMCRDS**; and are:

1. **Spirituality:** This is the arrow head of our Core Values. It espouses our belief in the sovereignty of the Most High God in consonance with our Christian faith. It is also an expression of a personal relationship with God and faith in Him who controls everything that happens in the physical realm, from the realms of the Spiritual.
2. **Integrity:** is a virtue that one either possesses

wholesomely, or does not possess at all. It cannot be fragmented. Synonyms of Integrity include: *honesty, uprightness, probity, morality*, etc. The sanctity of academics is domiciled in Integrity and every Faculty and Staff is expected to comport themselves with a high level of integrity at all times and in every situation.

3. **Possibility Mentality:** Here at Landmark University we believe that all things are possible – a thought line that is hinged on our conviction that God has imbued us with His order of capacity/nature to achieve whatsoever we set our hearts to do, in His Will.
4. **Capacity Building:** espouses the nature of continuous, endless learning. We believe that there is no end to learning and if we are to retain relevance and currency in the global market wherein we daily compete, we will need to continually build capacity. The more we learn, know and apply, the higher our senses are triggered up for creativity and innovations.
5. **Responsibility:** This is bi-dimensional and refers to the virtues of **Discipline** and **Accountability** which are prerequisites for success. As a Faculty or Staff at Landmark University, Responsibility should always be clearly reflective in our thoughts, actions, and speeches. This Core-Value likewise guides our physical appearances and comports as King and Queen Makers.
6. **Diligence:** is the unbeatable virtue of handwork, hinged on wisdom; to birth productive, progressive, value-adding results. Every member of Faculty and Staff is expected to work diligently on their assignments and not be found wasting time. Time is precious and must be wisely invested for productively.
7. **Sacrifice:** is about going an extra mile, going beyond the prescribed job description and specifications. No one becomes extraordinary by doing ordinary things. Sacrifice creates the platform that births extraordinary feats in teaching, research, community development and administration as we go the extra mile.

Indeed, embracing and engaging with the LMU Vision and Core Values gives access to a world of endless opportunities and achievements.



## CONTRIBUTION OF SCHOOL OF POSTGRADUATE STUDIES TO THE LANDMARK UNIVERSITY RESEARCH DRIVE

■ Professor Charity Aremu  
Dean, School of Postgraduate Studies, DSPS

The School of Postgraduate Studies (SPS) recognizes the ultimate goal of embarking on translational research in disseminating research findings to the scientific community. Thus, the School of Postgraduate Studies demands that priority attention be given in the selection of journal outlets with credence to deserving/contributing authors.

First, SPS introduced a Research Policy document to:

- promote Landmark visibility and ranking among world-class citadels of learning;
- embrace internationally acceptable standard practices in research;
- support innovations and cost friendly research tools and equipment for quality research;
- foster efforts towards active and ground-breaking research attractive to award/grant winning.

SPS plays vital roles in bringing the University research mandate to the fore by intimating postgraduate students with the expectations for problem solving research as clearly situated in Landmark University goals. SPS role include:

- Organizing orientation programme for students to espouse the research mandate and access the available facilities in the University in achieving the mandate.
- The School sets 'Start-to-Finish' operational protocols of international best practices to assist students to keep abreast with the academic Calendar and to finish studies in record time.
- The School exposes students to seminar, workshop and conferences in various fields with a focus on

broadening students' horizon in quality research output.

- The School organizes periodical student's forum where academic processes and related issues are scrutinized and addressed for timely completion of program

Above all, in line with the University research mandate, as flagged by Landmark University Centre for Research, Innovation and Discoveries (LUCRID), the School of Postgraduate Studies maintains as part of graduation requirement, an expected minimum publication requirement for every postgraduate student in Landmark following the degrees-in-view of respective students.

Therefore, a student admitted for

1. PGD is expected to present a minimum of one (1) published article, or one (1) Published conference proceeding;
2. Masters (MBA, M.Sc., M. Eng.): minimum of one (1) published article, and one (1) Published conference proceeding;
3. Ph.D. at least two (2) published articles in Landmark acceptable journal outlet and one (1) published conference proceeding all indexed in Scopus/Thompson Reuters equivalent indexing body.

The manuscript for publication can be from the student's postgraduate area of research or it's relatedness.

**Publications that do not conform** to the guidelines stated in this document shall not be considered for students' graduation and may delay such student's oral defence / graduation.

## EXCUSES WHY YOU DON'T START WRITING A PAPER

1. **I have no time**  
(inference = it is not so important)
2. **I cannot write in the office**  
(= it's not my fault)
3. **I have so many emails/memos to attend to**  
(= I do it later, really)
4. **I have no idea what to write about**  
(= I hate to sit down and think about it)
5. **I can only write when I have a deadline**  
(= I've got more important things to do)
6. **I will start next week**  
(= next year, maybe!)

**Be encouraged to start something today!**



## LANDMARK UNIVERSITY **RESEARCH MANDATE FOR AGRARIAN REVOLUTION**

■ Professor Olasunkanmi M. Bamiro  
Dean, College of Agricultural Sciences, DCAS

**G**rowth in agricultural production is necessary not only for food security and improved nutrition status of the citizen of a country; it is the bedrock of development process. Indeed it is accepted that a major prerequisite for rapid economic growth and development is channeling agricultural surplus from wherein it is in excess to non-farm sector of the economy. Availability of food in right quantity and quality is one of the sustainable development goals, which is supposed to be achieved by all nations of the world. However, this seems to be a mirage for our nation Nigeria due to policy somersault. A nation that cannot feed itself is described as 'have not' nation while nations that can feed herself is known as 'have nation'. Nigeria by the reason of available data falls into the category of 'have not'. The need to fill the gap that exists in educational system of Nigeria vis-a-vis her food security status gave birth to the vision of Landmark University with a compelling vision and mission statements:

The pursuit of our vision has culminated to the establishment of the University Commercial farm and the Teaching & Research Farm. The two farms have different goals: The commercial farm was established mainly for internally generated revenue while the Teaching and research farm as the name implies have two major objectives, namely teaching and research. However, in our quest to uphold the responsibility and sacrifice core values of the University, the teaching and research farm now has tripodal objectives, teaching, research and profitability. The third tripod becomes necessary not just to contribute our quota to the generation of revenue internally, but more importantly, it helps us to enlighten our students and solidly plant the feet of our students on production as well as all other value chains in all agribusiness enterprises.

Landmark University Commercial farm is vertically and horizontally integrated, especially in the field of livestock production and to a small extent, the crop production is vertically integrated. For

instance in the area of cassava and rice production enterprises, The University has a state of art Cassava Processing and Rice processing Units, which enable us to maximize the gains that are associated with all stages in the value chains of these two crops. The livestock production especially the poultry enterprise is completely vertically integrated, which involves backward integration via feed and maize production as well as forward integration, the broilers and the culled layers are processed and refrigerated and sold at our sales outlet. The benefits of this full integration cannot be overemphasized as it increased profitability as well as economic efficiency, which includes technical and allocative efficiencies. The Teaching and Research Farm engaged in all aspects of agriculture, crop husbandry, olericulture, pomology among others, as well as livestock production ranging from poultry, fishery, piggery and ruminants production. In addition to traditional crop production on the field, the Teaching and Research Farm also engaged in hydroponic production of tomatoes, cucumber, pepper, radish and fodder production. Commercial production of these crops in the screen house will ensure all year-round production of the above named crops contrary to our yearly experience of having supply greater than demand during on season and vice-versa during off season. Sustainable Commercial production via the hydroponic system will halt the cobweb experience in terms of production quantity of agricultural products in response to change in prices.

Recently, the Animal Science Programme in conjunction with SMARP Farm engaged in artificial insemination of cows, which has given birth to Landmark University Cattle Cooperative and Artificial Insemination Centre. In the same vein, a proposal is being raised to establish Crop production Cooperative within the University, with the aim of boosting production of our mandate crops; maize, cassava and rice, that will feed our feed mill, cassava and rice processing units thereby enable each unit to operate at their maximum utilization capacity.

One of the means of spearheading agrarian revolution as embedded in our mission statement is raising a generation of solution providers who will be job creators and not job seekers. To this end, all students in Landmark University irrespective of their course of study are under obligation to undergo diploma programme on agripreneurship, which will enlighten them on all aspects of agriculture. The knowledge being imparted is deeper enough to enable each of them upon graduation to practice agricultural production, if not for sale at least for family consumption. However, whosoever studied other discipline can broaden their knowledge if later in life such a student wants to take agribusiness as a means livelihood. The agripreneurship programme is housed by Centre for Agripreneurship, which is being superintendent upon by a Director.

On the premise of the current rate at which Landmark University is championing and spearheading agrarian revolution, there is hope for Nigeria with respect to food security and employment generation.



## THE ROLE OF SCIENCE IN TRANSLATIONAL RESEARCH

■ Professor Omorefosa Osemwiegie  
Dean, College of Pure and Applied Sciences, DCPAS

**T**he pressure of research publishing and communication is in recent times undermining the pragmatic progress of transforming such research data from bench-to-bedside. Therefore, facilitating the practical application and knowledge of scientific or biological principles for products development or modification, or bioactivity traits re-engineering in living models' for the benefits of humanity in different areas of agriculture, medicine, industry, foods, pharmacy, and environments is regarded as translational research (TR). Consequently, every growing economy of the world is propelled and powered by what her diverse research communities generate through basic scientific experimentations and trials, natural or bio-genetic resources or translate into cost-effective, non-cytotoxic, versatile and benign products to meet domestic needs. TR advancement is about 80% reliant on scientific principles or the powers of biotechnology and bioscience among others (Figure 1). This has sensationalized contributions made to the bio-economy of many countries like China, Japan, India, USA, Israel, UK and Brazil, and have become veritable sources of foreign exchange earner while variety of bio-economic products dominating the global market. Observations, either of domestic needs, nature watch or pragmatism inspires TR, which arbitrarily involves three basic stages including conceptualization and approach, trial and experimentation, as well as the dissemination and translation into products.

In Nigeria, TR effort is slow due to many militating factors including research funding inconsistency, inadequate basic experimental equipment and consumables, non-standard laboratory facilities and non-retraining of personnel coupled with unstable politicking. Landmark University is however

uniquely poised and grafted to mediate the slow trend of TR in agriculture. The system supports innovative proposals that address local needs and drive actionable priority areas of the global sustainable developmental goals which form the research focus in the University. Further, Landmark, in recognition of the urgent transformational impact of bench-to-bedside researches created a sustainable framework (hands-on practical teaching, agro-centric students' research projects, assurance of basic research equipment, investing in research development, training and communication of findings) and meritocratic system (reward novel accomplishment in product development and research products) to facilitate product generation, improvement, development and commercialization from smart agriculture. However, there is no doubt that the establishment of a central research laboratory would further boost the outcome of TR effort and the accompanying dividends in Landmark.

The College of Pure and Applied Sciences, has achieved in recent time, through experimentations, additional plants with antimicrobial potential, models involving biogas generation from agro-waste and weed materials, improvement in the production of weaning foods from local crops, the relevance of the ionosphere to man's existence and activities on earth, as well as organic waste nanonization for value addition and many others.

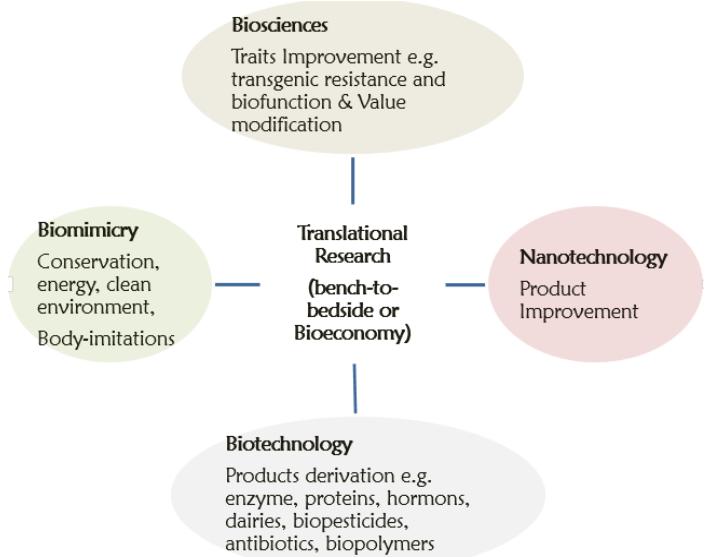


Figure 1: Annotated sketch of emerging technological tools propelling translational research (TR) and bio-economic systems worldwide (Osemwiegie, 2020).



## THE SYNERGY BETWEEN RESEARCH AND ENTREPRENEURSHIP

■ Dr. Festus Asamu  
Ag. Dean, College of Business and Social Sciences, DCBS

In the past, Higher Education Institutions (HEIs) utilized education as the principal medium for changing society and empowering social welfare through knowledge provision. This was pronounced in the first university mission. Research is incorporated as a second mission with the development of universities, with knowledge creation as a focal action. Moreover, HEIs experienced a significant change, expanding the scope of their programmes and improving these missions. Hence, it leads to converting knowledge and research findings into social and economic development that makes room for the third mission presently rising.

The third mission is to get prepared students and academics for social, industrial, present and future confront, through an entrepreneurial and research synergy. Thus, universities are redesigning themselves, not only in business studies, but also, in engineering, social and human sciences to start addressing social and economic problems, as natural hatcheries, which rouse scholastics and students to come up with their concepts. The upswing of the knowledge-based economy, information technology and global competition at the age of globalization extended and modified the functions of universities from the original mission of spreading knowledge through education and knowledge transfer, most recently through creative knowledge extraction, the so-called entrepreneurial universities.

The entrepreneurial university processes lead to the creation of companies that bring research results into the market, technology transfer, and also improve the internal processes and structure of the universities. To sum up, using spill-over mechanisms to disseminate their knowledge of their economic condition. Entrepreneurship is, therefore, a key

component of the university strategy. Universities ought to consider themselves to be entrepreneurial organizations and environments that are linked by common values/mission rather than by particularized control systems. Entrepreneurship activities should be established in the strategy to develop as an entrepreneurial organization with an entrepreneurial culture.

The strategy can have explicit entrepreneurship intentions, such as strengthening cooperation among institutions and local companies, through technology transfers and startups, commercialization of research results, revenue generation for the organization of spin-off activities, generation of entrepreneurial motivation, cognizance and attitudes, as well as generation of entrepreneurship capabilities and aptitudes. Effective leadership and governance are therefore significant to cultivating entrepreneurial culture in an institution. Various universities incorporate in their mission statements the words "research" and "entrepreneurship," however, this should be more than a reference. It is succinct to say the entrepreneurial university plays an essential role in terms of cooperation as both a new knowledge-producer and a disseminating institution.

This is the direction of Landmark University.

## THE HARD KNOCK!

*“The Nigeria poultry industry contributes 25% GDP of Agriculture. Estimation shows poultry meat consumption in Nigeria is approximately 1.2 million metric tons, and only 30% is produced locally and the 70% deficit has led to the importation of frozen poultry products”*

- Animal care



## WINNING GRANTS - THE WINNING ACADEMIC

■ Professor O. S. Adeyemi  
Director Academic Planning

At the core of every academic research is the need for original scholarship birthing new knowledge not only to advance the frontiers of academic exploits, but to provide solutions to future challenges, while positively impacting humanity. However, funding is always a factor to consider for quality and impactful research activities. Therefore, academics need to learn the skill of GRANTMANSHIP in order to attract the required funding for their research endeavors. In this piece, few strategies are highlighted to aid the writing of a WINNING grant proposals.

### Facts to ponder:

1. Grants are conditional gifts to finance projected activities; usually strings are attached; Funding body identifies the problem they want addressed, but no outcome is known. ***Grantee comes up with idea for likely solution.***
2. ***GOOD IDEA is a must!*** Please note, '***packaging' poor ideas stand little or no chance to succeed.***
3. ***GOOD IDEA IS NOT SUFFICIENT!*** Develop your idea into a proposal or plan of ACTION!
4. A proposal layout commonly include; **Summary** – clear, concise, well-articulated and logical (*Typically the only section that every reviewer reads* - Provide sufficient detail for evaluation; not all reviewers will read the whole proposal - ***first page is stand-alone summary of your proposal***); **Background** - establishes project is important and interesting (**NEED** - ***The NEED to identify with the priorities of the call;*** **Comprehensive hypothesis** (or goal); **Specific aims** or objectives that test the hypothesis; **Methodologies** – detailed and clear with associated timelines; **Expected outcomes and impacts** - **SCIENTIFIC MERIT**

***and BROADER IMPACT are vital!***

5. Don't pad the budget and consider relevant ethical issues and ensure your proposal addresses the same.
6. Consider the reviewers; *making reviewers work hard hurts your proposal* - follow guidelines; present shortcomings and alternative solutions; think cooperation and collaboration; ***Keep objectives of funding source in mind.*** Convince reviewers to prefer your idea; Goals reflect major themes of the call. Decisions are largely based on the applicant's ability to fit the proposed research activities to the priorities of the funding body; Quality of the idea and its appeal to the funding source; the ability to communicate clearly and concisely.
7. Paint the big picture first, then, highlight how your project fits into the big picture; explicitly link expected results to your hypotheses and program themes.

### Common barriers to winning grants

8. Proposal is poorly written; Justification lacks merit; No convincing preliminary data; No hypothesis or poorly presented; Overly ambitious and Unrealistic time-lines; Objectives don't address hypothesis or lack focus; Methodologies lack details needed to evaluate potential for success; Lack of expertise with given approach; Limitations and alternative solutions not addressed; Resubmitted proposal did not address concerns identified during previous review.
9. ***Always be willing to Rewrite, Revise, Resubmit - Resubmitted proposal stands higher chance of acceptance;*** - Obtain reviewer comments; Act on their advice!

### Final notes:

10. Start **SMALL** and build a **TRACK RECORD**; Existing funding may favour applicants due to evidence of a good track record.
11. Proposal writing is a **SKILL (ART)**, so **PRACTICE**.
12. Don't be afraid of **REJECTION**, if necessary seek **MENTORING**.
13. Plan in **ADVANCE**.

# SEMINAR PRESENTATION PICK OF THE WEEK

Title:	Awareness and Compliance to Court Judgment/Constitutional Provisions Upholding the Inheritance Rights of Women among the Igbo, Nigeria
Presenter:	Dr. Chisaa O. Igbolekwu.
Description:	CBS Faculty Seminar
Department:	Sociology
Category:	Public / Societal Awareness
Co-authors:	Joseph N. Nwogu (University of Ibadan), Ogadimma Arisukwu, Isaac Oyekola, Chinyere S. Ogu (Grace Chambers, Lagos), Bamidele Rasak, Ngozi Osueke, Chinyere Nwogu (University of Ibadan)



**N**otwithstanding the fact that statutory and international laws have long upheld women's rights to property acquisition, women in Igbo society are often denied access and ownership to property due to the seemingly absence of coherent legal framework to enforce women's rights. The talk examined the awareness and compliance to court judgment/constitutional provisions upholding the inheritance rights of Igbo women in Nigeria. The gender inequality theories of Karl Marx and Fredric Engels guided the study, and was conducted among the Igbo in the South-eastern Nigeria, comprising Abia, Anambra, Ebonyi, Enugu and Imo states and adopted a cross-sectional research design. The study population included adult male and female indigenes of Igbo extraction. The methodology was triangulated using both qualitative and quantitative methods of data collection. Convenience sampling technique was used to collect quantitative data from 490 adult Igbo, while purposive sampling method was adopted for the collection of qualitative data from 25 traditional rulers and women leaders. The responses generated were imported into Statistical Package for Social Sciences (SPSS) version 22 for quantitative analysis.

The study showed that 89.8% of the respondents confirmed that female children were not entitled to inherit their fathers' properties in Igbo society. However, 84.1% of the female respondents expressed interest in inheriting their father's properties. 56.3% of this female respondents stated that their

desire to inherit their father's estates stemmed from the fact that they (female children) contributed meaningfully to the economic welfare of their families. Majority of the respondents were not aware of the court judgement of Ukeje vs. Ukeje (2014) in favour of female inheritance rights and of constitutional provisions upholding inheritance rights. Also, compliance to court judgment/Nigerian constitution on female inheritance rights was very low. Strong attachment to cultural practices and beliefs, impinging on female inheritance rights are still held sacrosanct among the Igbo people.

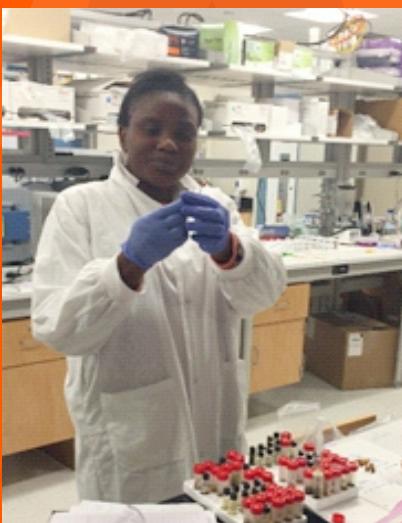
The presenter therefore highlights the need for increased awareness campaign and imposition of sanction for non-compliance. Awareness campaign that will incorporate more practical methods like the use of indigenous language to compose songs, proverbs, dance drama, among others to portray this discriminatory cultural practice and the importance of its extinction. Such would be an effective means of enforcing and upholding the inheritance rights of women in the South-eastern Nigeria. She concluded that the study was the first to bring the awareness and compliance to court judgment/constitutional provisions upholding the inheritance rights of women among the Igbo, Nigeria.

“  
 “2get and 2give”  
 creates many problems.  
 So, just double it...  
 “4get” and “4give”  
 Solves many problems  
 ...even in the area of  
 research.  
 ””



## RESEARCH HUMOUR CORNER

# ENVIRONMENTAL AND FOOD SAFETY PASSION TOOK LANDMARK FACULTY ON A RESEARCH TRIP TO CANADA. WELCOME BACK!



## STANDARDS FOR QUALITY RESEARCH

**C**ontaminants of emerging concerns (CEC) has become a global environmental challenge. However, the African continent has paid little attention to CECs' effects on food. CEC include pharmaceutical and personal care products wastes amongst others. Their accumulation in the environment continue to rise due to their loose and continuous usage. Passion for safe environment, food safety and healthy living depicted by previous works reported by Dr. Adejumoke INYINBOR, a Faculty in Industrial Chemistry programme of Physical Sciences department, College of Pure and Applied Sciences earned her a research position at the School of Nutrition sciences, Faculty of health, University of Ottawa, Ottawa, Ontario, Canada.

According to her;

We previously discussed the effects of antibiotics on the environment (<https://doi.org/10.1016/j.jece.2017.12.056>), we further exposed the possibility of contamination of a selected food type viz-a-viz some practices unique to the Nigerian context (<https://doi.org/10.1016/j.foodcont.2018.12.008>). Identified gaps was developed into a full research in collaboration with three Professors at the School of Nutritional Sciences, Faculty of Health, University of Ottawa and Department of Chemistry, Carleton University, Ottawa, Ontario Canada.

The research which tried to establish the specific effects of some crude Nigerian practices on selected food group type was carried out in two stages. Stage one, which is the cultivation and basic pretreatment was done here in the Teaching/Research farm and Chemistry laboratory, Landmark University, Omu Aran, Kwara State, Nigeria. The second stage involved studies focusing on CEC accumulation in investigated food category, effects of such accumulation on the food nutritional components as well as possible cytotoxicity effects of such accumulation. This second stage studies were carried out at the Nutritional laboratory and Microbiology laboratory of the University of Ottawa, Ontario, Canada.

We welcomed Dr Inyinbor back to Landmark!

**Q**uality research has to do with the scientific procedures incorporating the entire features of study design, with respect to the judgment regarding the match between methods and questions, selection of subjects, measurements of outcomes, and protection against systematic/non-systematic bias, and inferential errors. The underlisted bullets list the frequently mentioned standards for assessing the quality of research:

- Pose a significant, important question that can be investigated empirically and that contributes to the knowledge base ;
- Test questions that are linked to relevant theory;
- Apply methods that best address the research questions of interest;
- Base research on clear chains of inferential reasoning supported and justified by a complete coverage of the relevant literature;
- Provide the necessary information to reproduce or replicate the study;
- Ensure the study design, methods, and procedures are sufficiently transparent and ensure an independent, balanced, and objective approach to the research;
- Provide sufficient description of the sample, the intervention, and any comparison groups;
- Use appropriate and reliable conceptualization and measurement of variables;
- Evaluate alternative explanations for any findings;
- Assess the possible impact of systematic bias;
- Submit research to a peer-review process;
- Adhere to quality standards for reporting (i.e., clear, cogent, complete)

- Culled from: Technical Brief Report Number 9, NCDDR.

Available online at: <http://www.ncddr.org/kt/products/focus/focus9/>

# LANDMARK CELEBRATES IUPAC 2020 GLOBAL WOMEN'S BREAKFAST (GWB2020) PROGRAMME



Cross section of participants at the event

Women Faculty in Industrial Chemistry Programme, Department of Physical Sciences, Landmark University, along with other Female Faculty in Science related disciplines coupled with both undergraduate and Postgraduate female students in Industrial Chemistry, joined their colleagues all over the world to celebrate the 2020 Global Women Breakfast (GWB2020) Meeting organized by the International Union of Pure and Applied Chemistry (IUPAC) with the theme "Bonding to Build Future Leaders through Productive Research and Collaboration". The programme took place on Wednesday 12th February, 2020 by 10 am at the Computer Simulation Laboratory. The focus of the GWB2020 is to encourage a breakfast research team to reach out and form a new bond with other teams. These bonds will depend upon the needs of the team: research partners, collaborations, mentor/mentee, educational resources, grants and fellowship, etc.

Prof. O.S. Bello of the Industrial Chemistry Programme gave the opening remark to sensitize and catalyze the audience on the role of women in Sciences. He further identified some Nigerian women who have excelled in various fields of Sciences. He encouraged participants to strive to create indelible marks in their chosen fields. Prof. O.S. Adeyemi (Director, Academic Planning) presented a seminar entitled "*Building Bonds to Create Future Leaders through Productive Research and Collaboration*". He emphasized on the importance of creation of networks, development,

personal research productivity and raising of leaders. Issues which bother on bridging the gender gap-increasing research output of women were threshed and creation of bonds were encouraged for productive research. Dr. A.O. Dada (Head of Programme, Industrial Chemistry) gave the closing remarks with words of encouragement for participants to pursue international collaboration by searching for visiting research opportunities and fellowships. He further stated the importance of attending local and international conferences for research bonding and hybridization. The meeting served as an eye opener and empowered participants with requisite knowledge for productive research.

## CONFERENCE ATTENDANCE SPONSORSHIP STATUS

FEBRUARY 2020				
APPROVAL STATUS				
	Faculty	Technologist	Admin Staff	Total
Approved	5	0	0	5
Not Approved	4	4	1	9
Nomination	0	0	6	6
Ongoing Processing	2	0	3	5
<b>TOTAL</b>	<b>11</b>	<b>4</b>	<b>10</b>	<b>25</b>
APPLICATION STATUS BY TYPE				
	Faculty	Technologist	Admin Staff	Total
International	0	0	0	0
National/Local	11	4	10	25



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"Come thou with us, and we will do thee good; For the Lord has Spoken good concerning 'us'" Numbers 10:29b