



# Update on LMU Research Clusters Aimed at Realizing Product-Oriented Vision of Landmark University

by

**ADEBESIN, B. Olufemi. *Ph.D.***  
***Ag. Chair. LMU Research Committee***

**PRESENTATION @**  
**the 2017/2018 OMEGA**  
**EXECUTIVE STAFF**  
**ADVANCE**

**5<sup>th</sup> January 2018**



...same as when you can't decide where to PUBLISH

# PURPOSE FOR PUBLISHING

*Publish or perish* holds true in most research environments, but a single publication in a high-tier journal can make a huge impact on one's academic career path.

Why?

- ✓ **Contribute to science/knowledge**
- ✓ **You have something important to say**
- ✓ **Affect policy & change**
- ✓ **Expectations in your profession**



# GETTING STARTED

- ✓ Every year, about **1.2 MILLION RESEARCHERS** begin their careers.
- ✓ Only **35%** will stay for more than **5 YEARS**.
- ✓ And only **HALF** of them will complete their careers in research.
- ✓ So what does it take to develop a successful research career?

- ✓ Over **3 MILLION** papers are written every year.
- ✓ And will have been edited about **10 TIMES**.
- ✓ Even then, it will still have a **50% CHANCE OF REJECTION!**
- ✓ What will it take to get your work **PUBLISHED** and in front of the **WORLD**.

# PERSISTENCE

- ✓ Be disciplined
- ✓ Prepare ahead of time
- ✓ Take advantage of your environment
- ✓ Align with the right link



# INTRODUCTION

## LMU Research Clusters

**CAS**

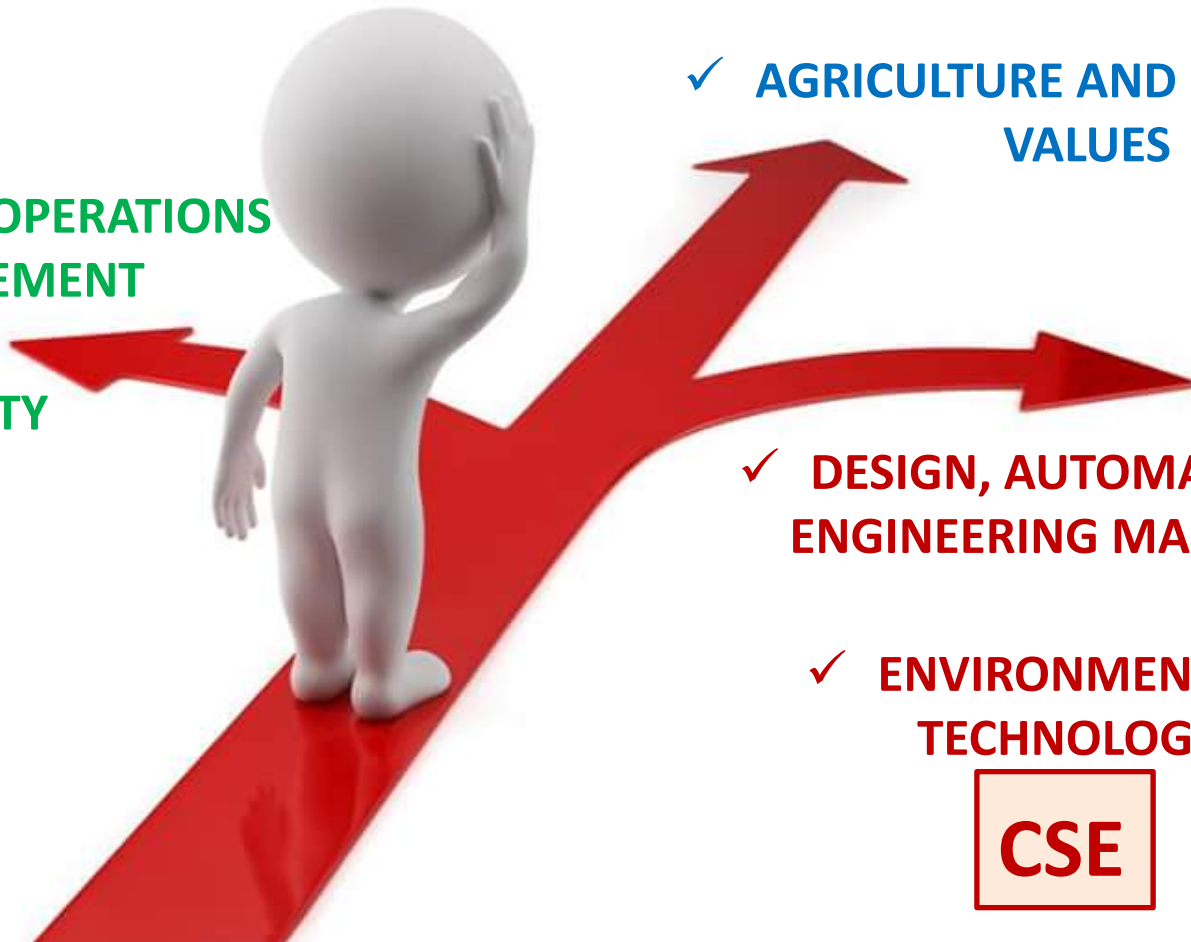
- ✓ AGRICULTURAL OPERATIONS AND MANAGEMENT
- ✓ FOOD SECURITY

**CBS**

- ✓ AGRIC-BUSINESS, ENTREPRENEURSHIP, AND ECONOMIC DEVELOPMENT
- ✓ AGRICULTURE AND NATIONAL VALUES

- ✓ DESIGN, AUTOMATION AND ENGINEERING MANAGEMENT
- ✓ ENVIRONMENT AND TECHNOLOGY

**CSE**



# **PURPOSE FOR INSTITUTING LMU RESEARCH CLUSTER**

**1. Bring together & provide a supportive and stimulating collegial context for researchers on topics of common/related interest, with the aim of increasing the research output of the team.**

**Y/N**

**2. Enable collaborative work among cross-disciplinary teams, thereby promoting synergistic exchange of ideas/resources.**

**Y/N**

**3. Attract internal / external research funding for collaborative research, with the aim of transforming to a Research Centre funded by the University.**

**Y/N**

**4. Promote awareness of research opportunities for undergraduate / postgraduate students, and for research collaborations with Faculty/Staff in other Universities.**

**Y/N**

# THE COVENANT UNIVERSITY MODEL: Lessons to Learn

## ➡ 75 Covenant Faculty in Top 10 List of Nigerian Authors in Various Subjects

NEWS

## ➡ Covenant University makes top 10 list in research

*Seventy-five (75) members of faculty at Covenant University have been listed among the top 10 Nigerian authors in various subject areas, according to the latest computations by Elsevier SciVal, the strategic data analysis tool employed by ranking bodies worldwide.*



In other words, each of the 76 subject areas highlighted had at least a Covenant University faculty in its top 10 list of authors.

Professor Sanjay Misra of the Electrical and Information Engineering Department emerged the faculty with most ment



# Covenant Tops in Research Endeavours among World Universities

*Covenant University's vision of being one of the top 10 universities in the world by the year 2022 has received a big boost, with the University ranked Number One (1) globally in some research endeavours and rated among the top 10 in others, based on the latest computations by Elsevier SciVal, the world acclaimed ready-to-use solution that offers easy access to the research performance of 8,500 research institutions and 220 countries worldwide ([click here to](#)*



**THE COVENANT UNIVERSITY CENTRE FOR  
RESEARCH, INNOVATION AND DISCOVERY  
BUILDING (CUCRID)**

# HONOURING OF OUTSTANDING FACULTY BY CU

**17 Faculty of CU were honoured for outstanding Research activities based on ONE of the following conditions:**



- ✓ **Had published over 30 publications in the last 5 years referenced on Scopus;**
- ✓ **Had citations numbering more than 100 on Scopus platform;**  
**or**
- ✓ **Had H-index of greater than 10 in Scopus**

**LMU Mgt. may institute same measure to encourage Faculty (**but with a lighter condition**) being a younger University**

# **CU STRATEGIES FOR RESEARCH AND DEVELOPMENTS**

## **A. Strategies for Product Development**

- ✓ **Identification of Product developers (Students, Faculty, Staff etc.)**
- ✓ **Participation at Various Product Concept Competition**
- ✓ **Visit to Depts./Colleges/Units/Individuals**

## **B. Strategies for Marketing and Commercialization**

- ✓ **Product Promotion Exhibitions**
- ✓ **Location of Products Information Pamphlets at Strategic Places**
- ✓ **Proper Packaging and branding of Products**

## **C. Strategies for Product Name Registration and Patenting**

## **D. Strategies for Engaging MOUs & Finalizing/Initiating New Ones**

## **E. Strategies for Funding**

- ✓ **Development of Robust Budget**
- ✓ **Preparation of Grant Winning Proposals**
- ✓ **Establishment of Funded Distinguished Chairs**

## **F. Strategies for Encouraging Product Developers**

- ✓ **Promotion of Research Output via Publication in High Impact Journals/Conference Proceedings/Books, Scopus**
- ✓ **Sponsorship to Conferences**
- ✓ **Participation at National/Int'l Exhibition**
- ✓ **Web Postings and Talks at FFF and Chapel**

# **CU CLUSTER LIST**

- ☐ **Biotechnology**
- ☐ **Bioinformatics**
- ☐ **Built Environment**
- ☐ **CU Public Health and Well Being**
- ☐ **E-Govt. and e-Business**
- ☐ **Communications, Embedded Systems and Electric Power Syst.**
- ☐ **Corrosion/Material Sci. Engr.**
- ☐ **Business, Entrepreneurship & Innovation**
- ☐ **African Development Issues**
- ☐ **Software Engr/Modelling & Intelligent Sys.**
- ☐ **Urban Environmental Issues & National Devpt.**
- ☐ **Discourse, Media and Society**
- ☐ **Informal Sector**
- ☐ **Civil Environmental and Industrialization**
- ☐ **National Wellbeing and Behavioural Issues**
- ☐ **Peace and Conflict Resolution**
- ☐ **CU Dreamers and Innovators**
- ☐ **Renewable Energy and Petroleum Reservoir En**
- ☐ **Physics Cluster**
- ☐ **Culture, Society & Conflict Mgt.**
- ☐ **Enactus (Student Researchers & Community Impacters) + OTHER 7**



# THE LMU RESEARCH CLUSTER MODEL:

## Funding of Research Activities

**N6,592,463:05 (50%) already disbursed to 5 PI from 4 Research Clusters**

(Environ. & Tech. (1 slot), Agric. Operations & Mgt. (2 slots), Food security (1 slot), AgricBusiness, Entrepreneurship, & Economic Devpt. (1 slot))

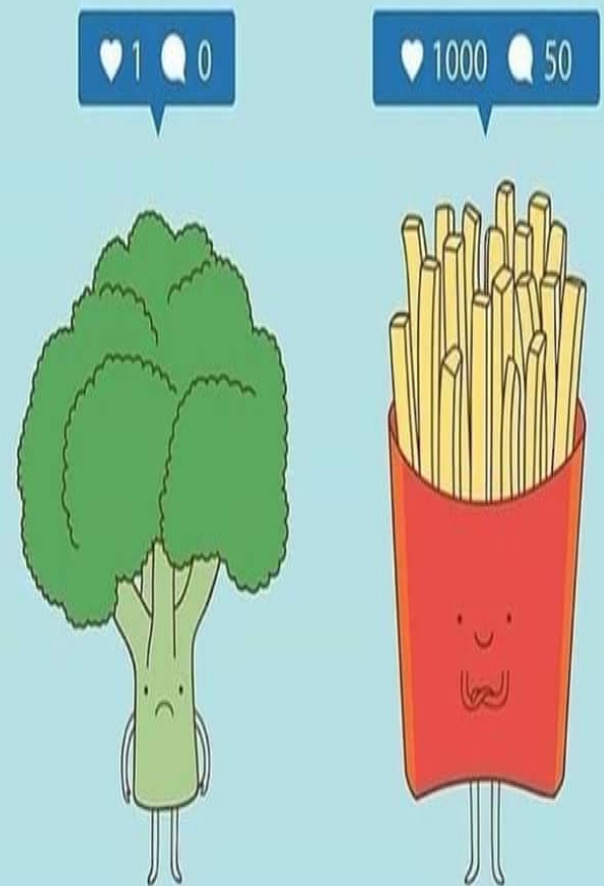
- ✓ The Proposed Research is classified into 3 Phases of Funding (50%, 30%, and 20%)
  - ✓ **The PI must prepare retirement of Fund at each Phase, to qualify for another phase**
  - ✓ The PI must submit a progress report of each Phase to the Research Committee before approval of fund to the next phase
- ✓ Every member of the research proposal group must sign the progress report to be qualified for the next phase of funding
  - ✓ **Coordinators of Clusters must ensure adequate due process in the fund retirement with supporting documents where necessary**



# THE LMU RESEARCH CLUSTER MODEL contd

## Additional Information

- ✓ Publication must emanate from any work of the research clusters funded by the University, with preliminary write-up emanating before the 2<sup>nd</sup> phase of funding
- ✓ Such works must be submitted to a SCOPUS listed journal





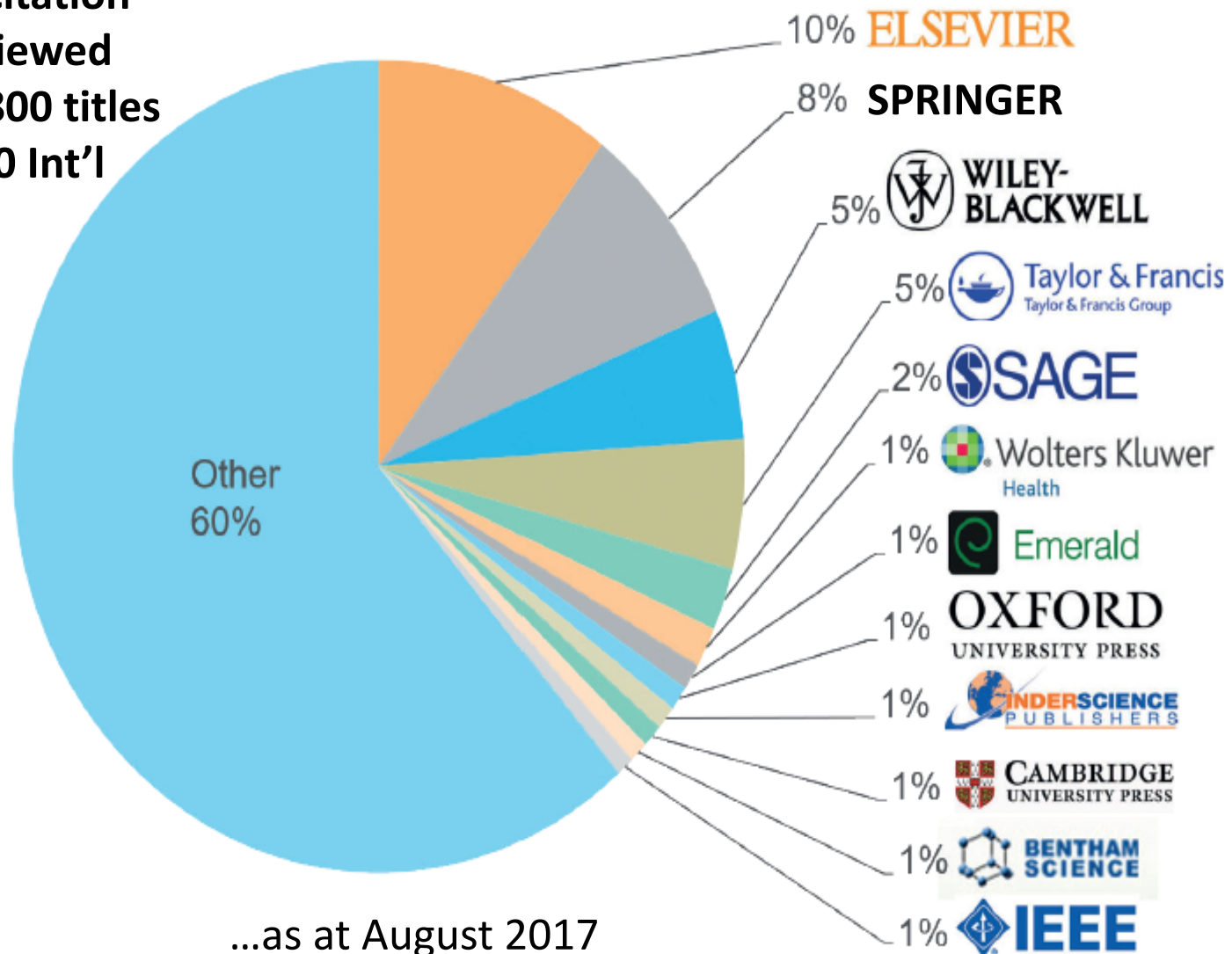
**LMU Management had started encouraging Faculty by paying for the open access charges of Articles indexed in SCOPUS**

**But with due process followed...**



# PUBLISHERS INDEXED IN SCOPUS

SCOPUS launched in 2004 is the largest abstract and citation database of peer-reviewed literature having 22,800 titles from more than 5,000 Int'l publishers



# **PUBLISHING IN SCOPUS JOURNALS – Different Perspectives**

## **You**

I want to publish in high impact journals because.....

- ✓ I want my work to be widely read...
- ✓ I want to become a famous scientist...
- ✓ I need it to get a (permanent) position...
- ✓ I need it to get funding...

## **Funders**

We fund people that published in high impact journals because.....

- ✓ it probably means that they did important research...
- ✓ it provides an easy metric to compare researchers...
- ✓ they are more likely to publish again in HI Journals"

## **SCOPUS Journals**

They want to publish papers that.....

- ✓ represent important advances...
- ✓ will be highly cited
- ✓ ... increase our next IF  
➔sell more copies"

## **University**

We hire people that published in high impact journals because.....

- ✓ it probably means that they did important research...
- ✓ it provides an easy metric to compare researchers...
- ✓ it is much faster than actually reading their papers...
- ✓ they are more likely to attract funding"

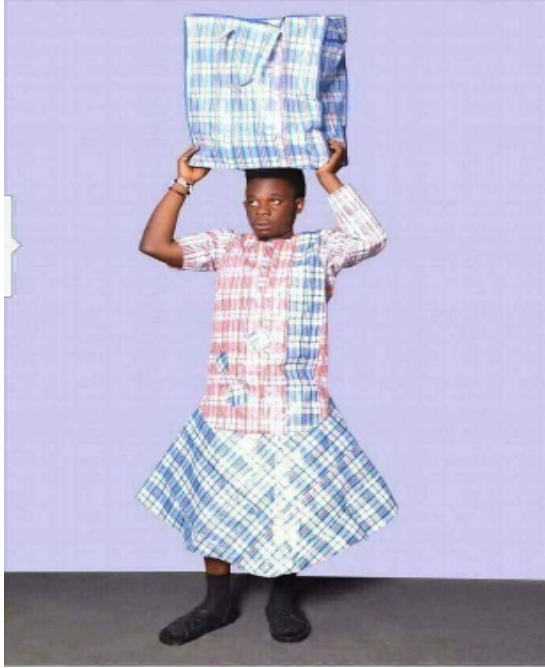
# Factors to note while submitting manuscript



- Is the paper scientifically sound?
- Is the paper up to international standards?
- Is the title pertinent and understandable?
- Does the abstract adequately summarize the contents of the paper?
- Are the experimental or theoretical methods explained adequate?
- Are all important assumptions (or speculations) clearly stated?

- Does the evidence presented in the paper support the conclusions?
- Does the paper contain new ideas or new data (except for review papers)?
- Are the results presented clear and concise?
- Are all the figures and tables necessary and of good quality?
- Are the captions appropriate and informative?
- Is the paper well written and organized?
- Does the author give proper credit to related work?
- Is the English understandable?

# What may help...



**Make sure that your manuscript is super-smooth:**

- ✓ Perfect figures
- ✓ Perfect English
- ✓ Perfect Statistics
- ✓ Understandable abstract
- ✓ Exactly right format

**Present your data at meetings where Editors / Big Shots are present**

- ✓ They may give tips
- ✓ They might remember you when the paper is on their desk
- ✓ Seek contact at meetings
- ✓ Invite them to your talk/meeting



# What Authors must not do



- ✓ Falsifying data
- ✓ Fabricating data
- ✓ Plagiarism
- ✓ Multiple concurrent submissions
- ✓ Image manipulation
- ✓ Authorship misrepresentation
- ✓ Duplicate publication

# Co-Authorship table template



Author	Name	Name	Name
Conception & design			
Acquisition of data			
Analysis & interpretation of data			
Drafting the manuscript			
Critical revision of the manuscript for important intellectual content			
Statistical analysis			
Obtaining funding			
Administrative, technical, or material support			
Supervision			



# NOTABLE CHARACTERISTICS OF PREDATORY JOURNALS

- ✓ **Editor and Staff**
- ✓ **Integrity**
- ✓ **The Publisher**
- ✓ **Others**



## Editor and Staff

- The publisher's owner is identified as the editor of all the journals published by the organization.
- No single individual is identified as the journal's editor.
- The journal does not identify a formal editorial / review board.
- No academic information is provided regarding the editor, editorial staff, and/or review board members (e.g., institutional affiliation).
- Evident data exist showing that the editor and/or review board members do not possess academic expertise to reasonably qualify them to be publication gatekeepers in the journal's field.
- Two or more journals have duplicate editorial boards (i.e., same editorial board for more than one journal).

## Integrity

- The name of a journal is incongruent with the journal's mission.
- The name of a journal does not adequately reflect its origin (e.g., a journal with the word “Canadian” or “Swiss” in its name that has no meaningful relationship to Canada or Switzerland).
- The journal falsely claims to have an impact factor, or uses some made up measure (e.g. view factor), feigning international standing.
- The publisher sends spam requests for peer reviews to scholars unqualified to review submitted manuscripts.
- The publisher falsely claims to have its content indexed in legitimate abstracting and indexing services or claims that its content is indexed in resources that are not abstracting and indexing services
- The publisher dedicates insufficient resources to preventing and eliminating author misconduct, to the extent that the journal or journals suffer from repeated cases of plagiarism, self-plagiarism, image manipulation, and the like.
- The publisher asks the corresponding author for suggested reviewers and the publisher subsequently uses the suggested reviewers without sufficiently vetting their qualifications or authenticity. (This protocol also may allow authors to create faux online identities in order to review their own papers).

## The publisher...

- Demonstrates a lack of transparency in publishing operations.
  - Has no policies or practices for digital preservation.
  - Depends on author fees as the sole and only means of operation with no alternative, long-term business plan for sustaining the journal through augmented income sources.
  - Begins operations with a large fleet of journals, often using a template to quickly create each journal's home page.
  - Provides insufficient information or hides information about author fees, offering to publish an author's paper and later sending a previously-undisclosed invoice.
- 

## Others...

- Use language claiming to be a "leading publisher" even though the publisher may only be a startup or a novice organization.
- Operate in a Western country chiefly for the purpose of functioning as a vanity press for scholars in a developing country.
- Do minimal or no copyediting.
- Publish papers that are not academic at all, e.g. essays by laypeople or obvious pseudo-science.
- Have a "contact us" page that only includes a web form, and the publisher hides or does not reveal its location



# BE WARNED !!!



## Hijacked Journals

Sometimes someone will create a counterfeit website that pretends to be the website of a legitimate scholarly journal. The website creators then solicit manuscript submissions for the hijacked version of the journal, pocketing the money. In some cases the legitimate versions of the journals are only published in print form and they may not have websites.

In the table below, the hijacked journal is listed in the left column; the corresponding authentic version of the journal is on the right. In cases where no website can be found for the original journal, a link is made to a bibliographic record for the journal

Hijacked Journal	Authentic Journal
ACADEMIE ROYALE DES SCIENCES D OUTRE-MER BULLETIN DES SEANCES ( <a href="http://ardsj.com/">http://ardsj.com/</a> )	<i>Bulletin des séances</i>
<i>Açoreana Journal (Journal of Açoreana)</i> ( <a href="http://chm.tomaspubs.com/">http://chm.tomaspubs.com/</a> )	<i>Açoreana: revista</i>
<i>Acta Bioethica</i> ( <a href="http://actabioethica.org/">http://actabioethica.org/</a> )	<i>Acta Bioethica</i>

# **THE PROPOSED Landmark University Centre for Research and Development (LUCERD) shall be:**

- Responsible for grants, funding, research quality assurance and the mgt of information system that serves multiple purpose;
- Support research planning and policy implementation;
- Focus on contributing to Faculty's development through a series of targeted interventions to enhance their research capacity;
- Collaborate with relevant agencies for SIWES placement of LMU students;
- Be responsible for the facilitation of international research exchange;
- Float credible Journal outlets and work towards indexing the journals in Thomson Reuters and Scopus;
- Make research activities in LMU attractive by encouraging relevant policies;
- Encourage innovation and creativity, maintain transparency, objectivity and open mindedness in research;
- Source for research funding opportunities nationally and internationally, and communicate these appropriately to Departments, Colleges and Research Clusters;
- Drive collaborations on behalf of LMU with national and International Bodies.

## **SUMMARY AND RECOMMENDATIONS**

- ✓ **LMU Faculty to publish at least 1 SCOPUS indexed article in 2018**
- ✓ **Additional Research Cluster groups should be encouraged and instituted round the 3 Colleges**
- ✓ **Faculty should put in more international collaborative efforts and register with Int'l academic networks like **SCOPUS, ResearchGate, Google Scholar, LinkedIn** etc. to increase the visibility of their research outputs**
- ✓ **Faculty should be encouraged to win research grant into the University instead of only relying on grant from the University  
(Faculty should learn the art of Grant proposal writing)**
- ✓ **Young Faculty should identify a mentor, and be ready to learn under him/her with regards to paper writing**

**THANK  
YOU**

**FOR YOUR ATTENTION**