



WORLD RANKINGS AND LMU RESEARCH AGENDA: *The Next Direction.*

by

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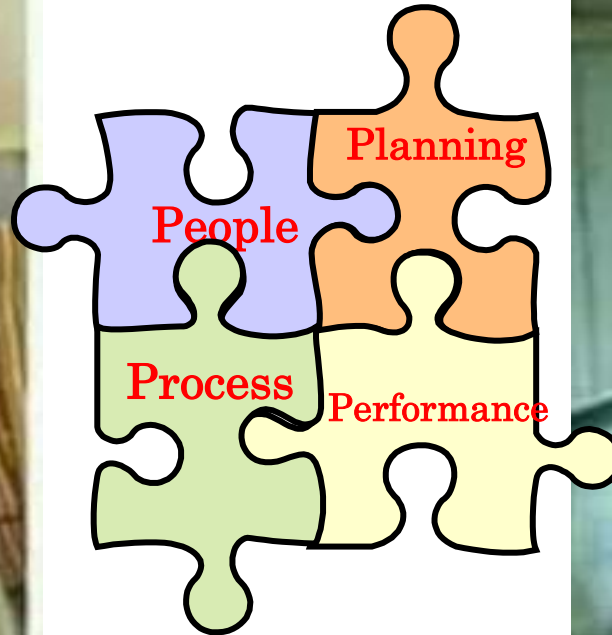
**PRESENTATION @
the FRIDAY FACULTY
FELLOWSHIP
12th October 2018**

Introduction

Start small



BUT



Think BIG

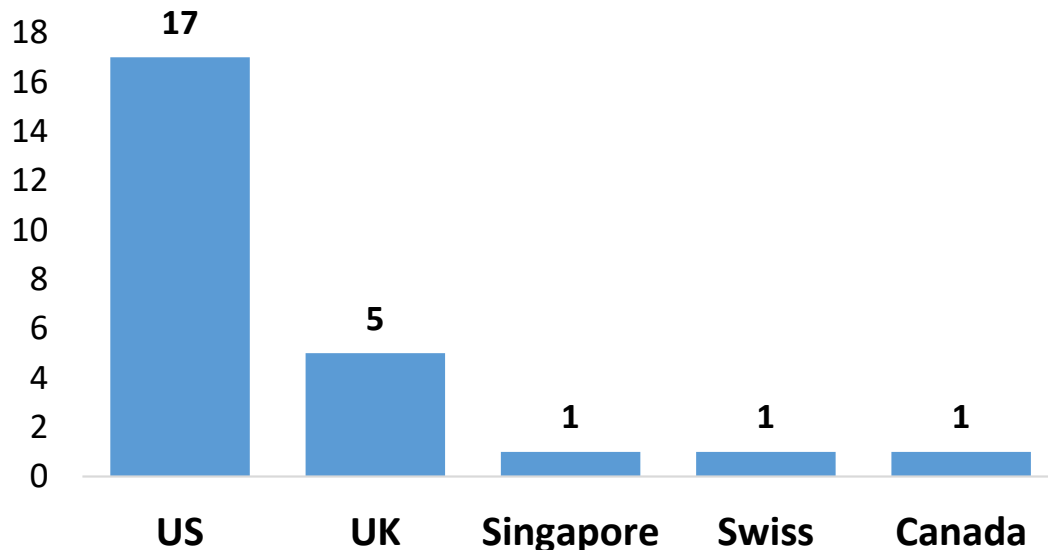


2018 Times Higher Education rating of World's Best Universities

(released Sept. 5, 2017)

- 1. University of Oxford, UK.**
- 2. University of Cambridge, UK.**
- 3. California Institute of Technology, USA.**
- 3. Stanford University, USA.**
- 5. MIT, USA.**
- 6. Harvard University, USA.**
- 7. Princeton University, USA.**
- 8. Imperial College, London UK.**
- 9. University of Chicago, USA.**
- 10. Swiss Federal Inst. of Tech. Switzerland**

WORLD BEST 25: DISTRIBUTION BY COUNTRY



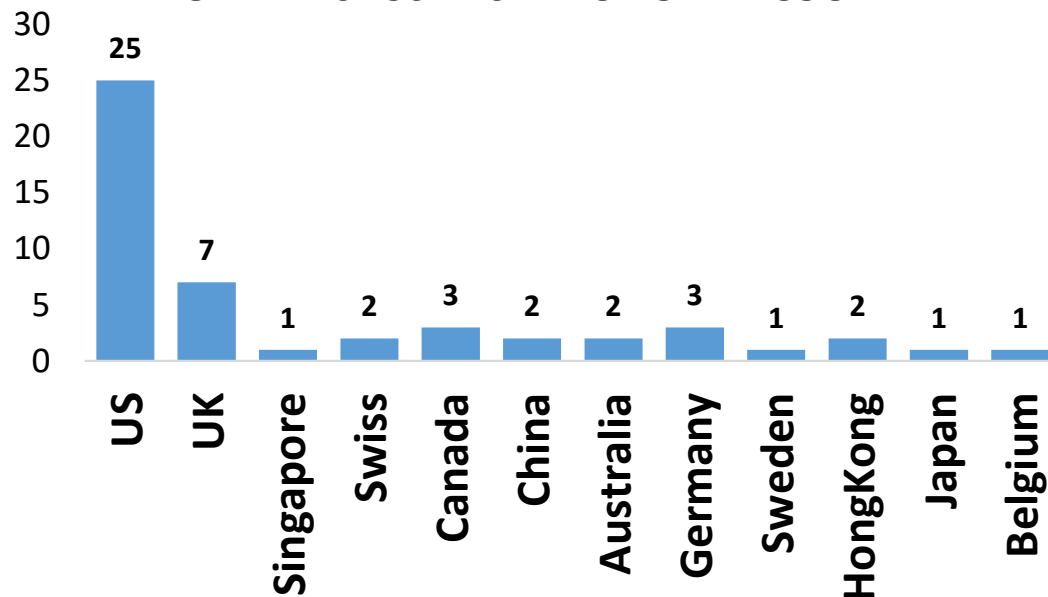
3 Universities from 1 State among the 1st 50

- 3. California Inst. of Tech.
- 18. Univ. of California, Berkeley
- 31. Uni. Of California, San-Diego

1st African country on the list was ranked 171

Univ. of Cape Town, South Africa

WORLD BEST 50: DISTRIBUTION BY COUNTRY



77 countries were represented

13 performance indicators were used for the ranking underlying 5 metrics

PERFORMANCE INDICATORS

1. Teaching (the Learning Environment) - 30%

- ✓ Reputation survey – 15%
- ✓ Staff-Student ratio – 4.5%
- ✓ Doctorate-to-bachelor's ratio - 4.5%
- ✓ Doctorate-awarded to Faculty ratio – 6%
- ✓ Institutional income – 2.25%

2. Research (vol., income, reputation) - 30%

- ✓ Reputation survey – 18%
- ✓ Research Income – 6%
- ✓ Research Productivity - 6%

3. Citations (research influence) - 30%

- ✓ Spreading New knowledge and ideas.
SCOPUS – 2012-2016 All indexed
publications and citations

4. Int'l Outlook (Staff, students, research) – 7.5%

- ✓ Int'l-to-domestic-student ratio – 2.5%
- ✓ Int'l-to-domestic-staff ratio – 2.5%
- ✓ Int'l collaboration - 2.5%

5. Industry income (knowledge transfer) – 2.5%



CHARACTERISTICS OF THE LEADING UNIVERSITIES

1. UNIVERSITY OF OXFORD

- ✓ 22,000 Students (Even number of Undergraduates and Postgraduates)
- ✓ 95% of Oxford Graduates are either employed or in PG study within 6 months of Graduation
- ✓ Foreign body makes 41% of Staff & Student Population (from 100 countries)

2. UNIVERSITY OF CAMBRIDGE





- ✓ 18,000 Students
- ✓ 31 Colleges and 150 Academic departments
- ✓ Dated back to 1209

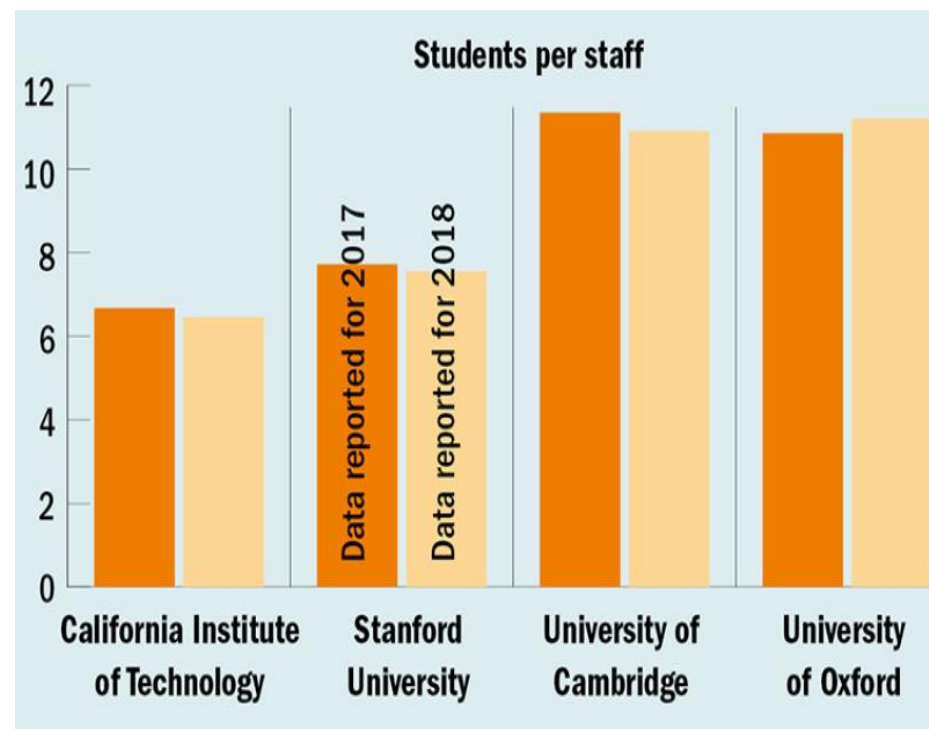
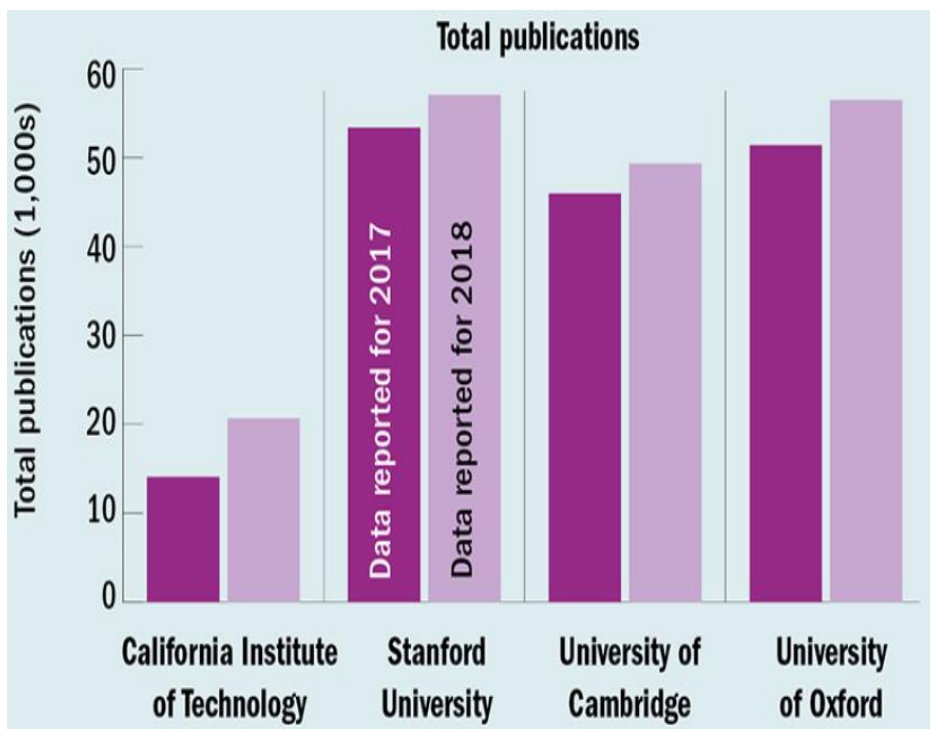
3. CALIFORNIA INST. OF TECH. (CALTECH)

- ✓ 1,000 Undergrads and 1,250 Postgraduates
- ✓ 99% of the students in Caltech were in the top 10% of their high school class
- ✓ High Staff-to-student ratio
- ✓ Above 50% of Caltech Students are on financial support average of \$38,983

4. STANFORD UNIVERSITY

- ✓ 20 Nobel Laureates are affiliated with Stanford
- ✓ Generated many Entrepreneurs (& partly responsible for the devpt of SILICON VALLEY)
- ✓ 7000 Undergrads & 900 PGs with a 4:1 student-to-staff ratio
- ✓ Research at Stanford uses \$1.22 billion budget in total and about 50% are externally funded

Institution	2010–11 ^[38]	2011–12 ^[39]	2012–13 ^[40]	2013–14 ^[41]	2014–15 ^[42]	2015–16 ^[43]	2016–17 ^[44]	2017–18 ^[45]
 University of Oxford	6	4	2	2	3	2	1	1
 University of Cambridge	6	6	7	7	5	4	4	2
 California Institute of Technology	2	1	1	1	1	1	2	3
 Stanford University	4	2	3	4	4	3	3	3



UNIVERSITY OF OXFORD

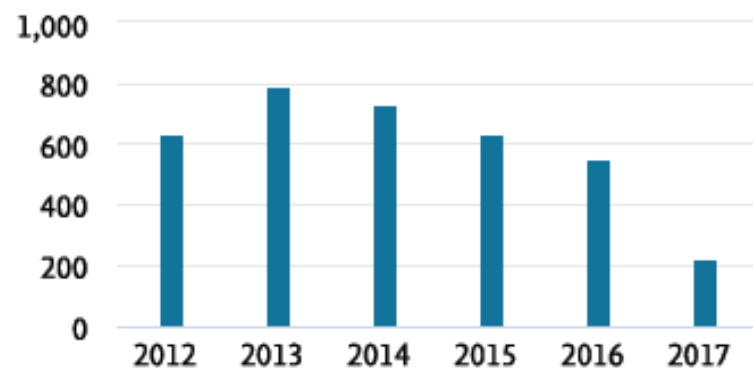
Collaboration

Publications at Harvard University, by amount of international, national and institutional collaboration



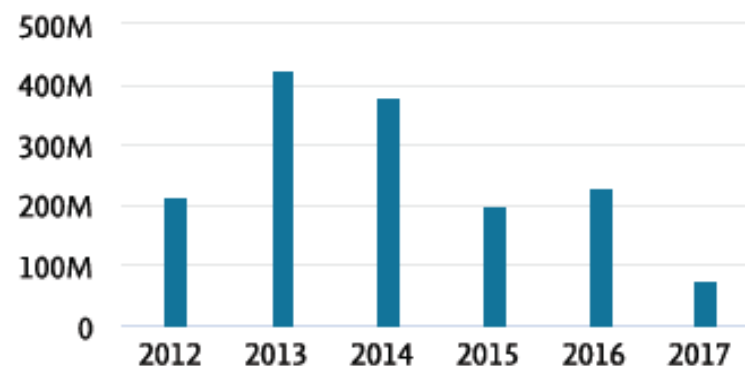
Metric		Publications	Citations	Citations per Publication
International collaboration	41.3%	64,641	1,192,838	18.5
Only national collaboration	32.4%	50,765	709,018	14.0
Only institutional collaboration	17.5%	27,375	251,798	9.2
Single authorship (no collaboration)	8.8%	13,759	59,678	4.3

Awards Volume (count)



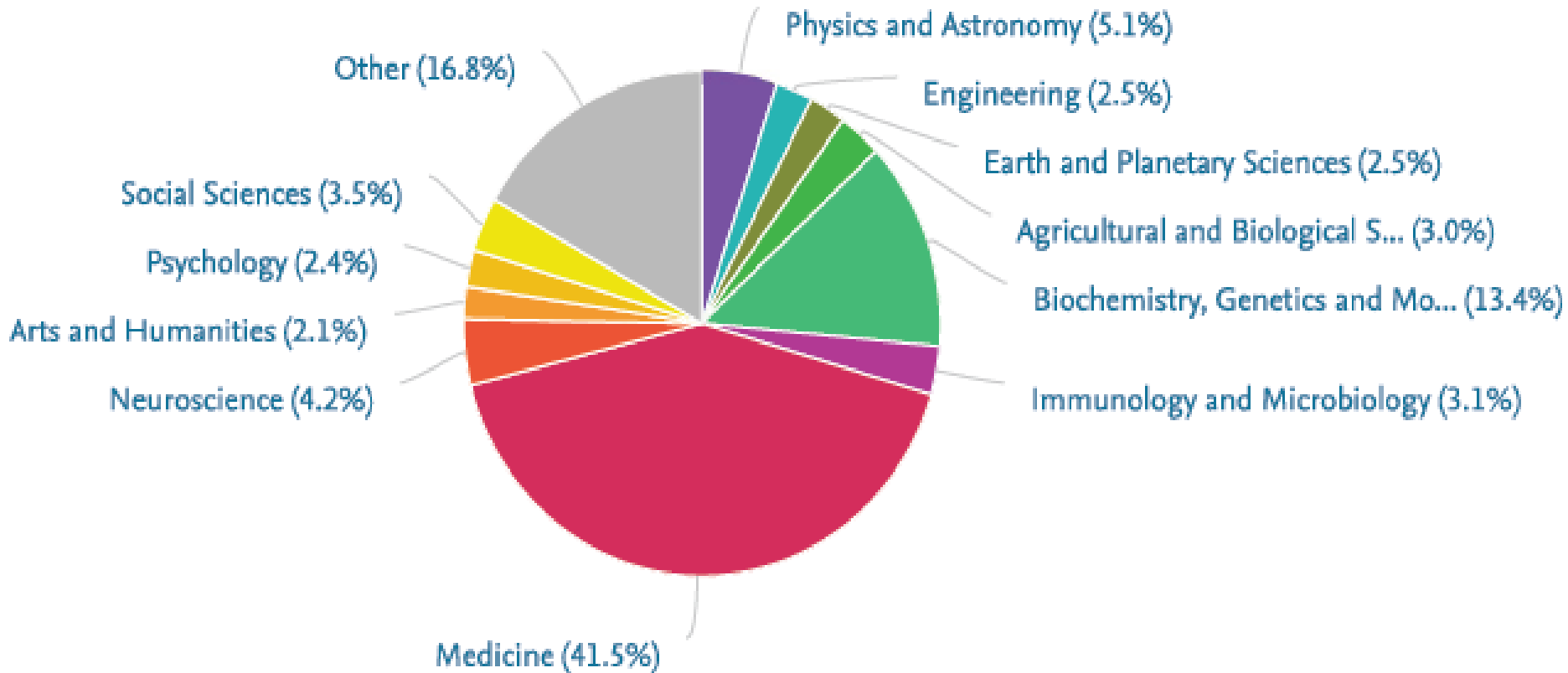
3,541

Awards Volume (value)



1,507million USD

PUBLICATION BY FIELD AT OXFORD UNIVERSITY

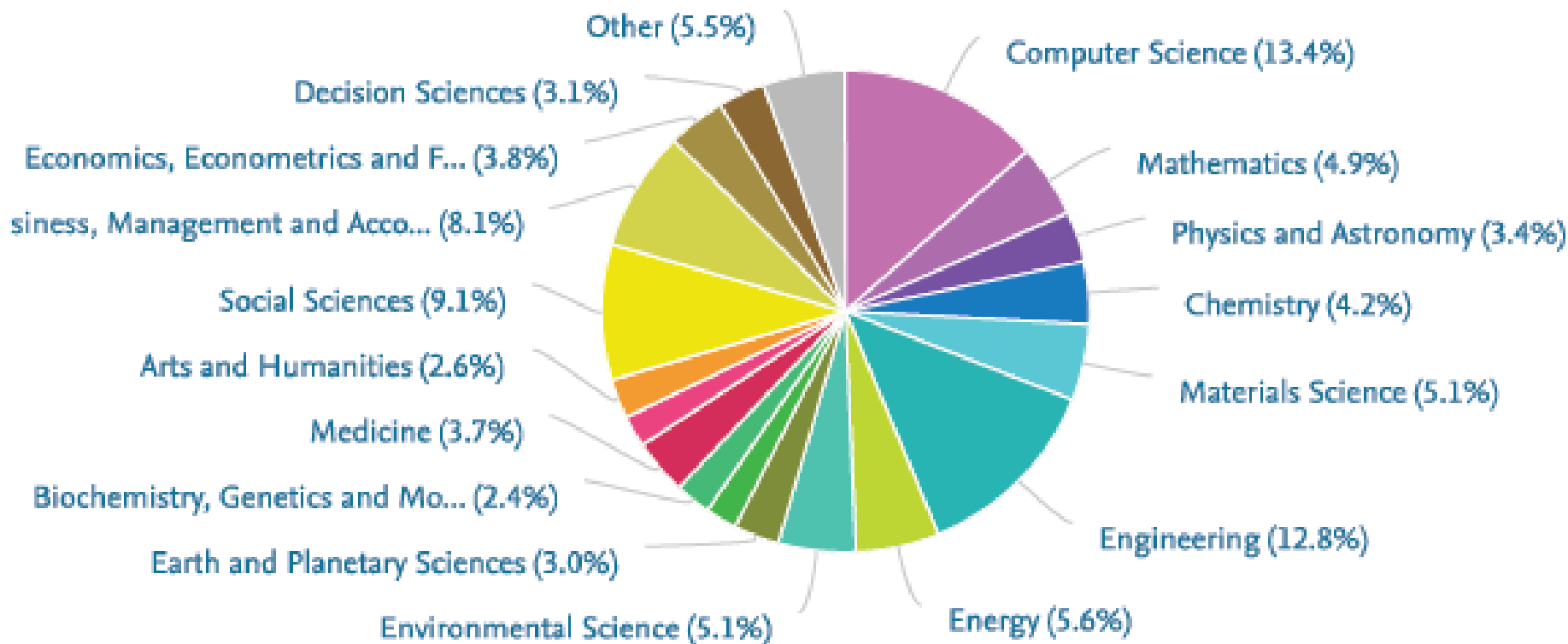


OVERALL RESEARCH PERFORMANCE

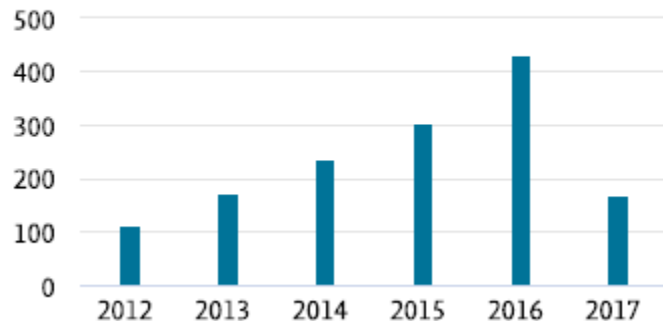
Publication: 156,543
Citations: 2,213,336
Authors: 87,358
Ave. Citation/Publication: 14.1

PUBLICATION BY FIELD AT COVENANT UNIVERSITY

Publication: 1,403 | Citations: 2,558 | Authors: 1,038 | Ave. Citation /Publication: 1.8



Scholarly Output

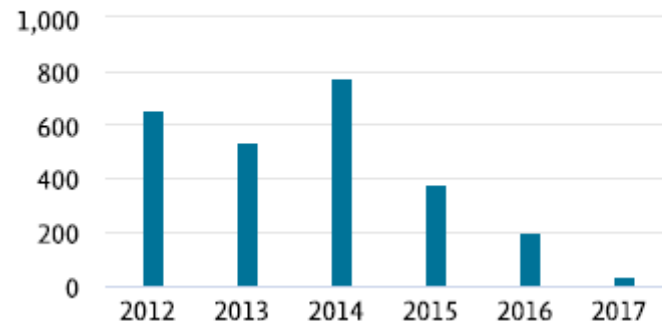


1,403

number of

[View list](#)

Citation Count



2,558

number of

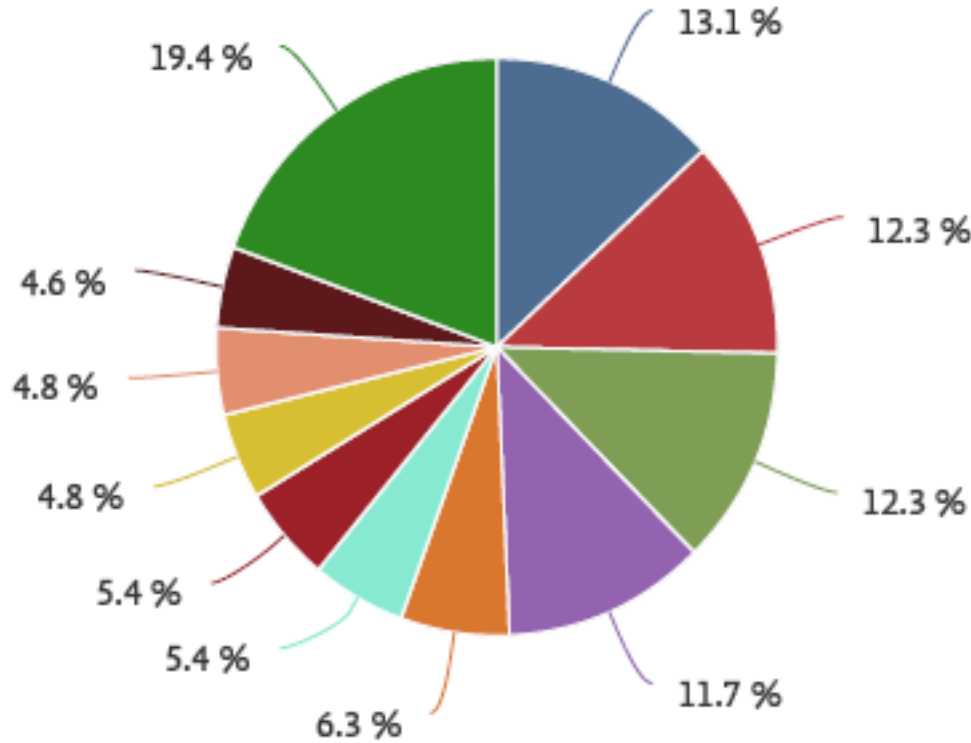
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INSTITUTIONS COLLABORATING WITH COVENANT UNIVERSITY



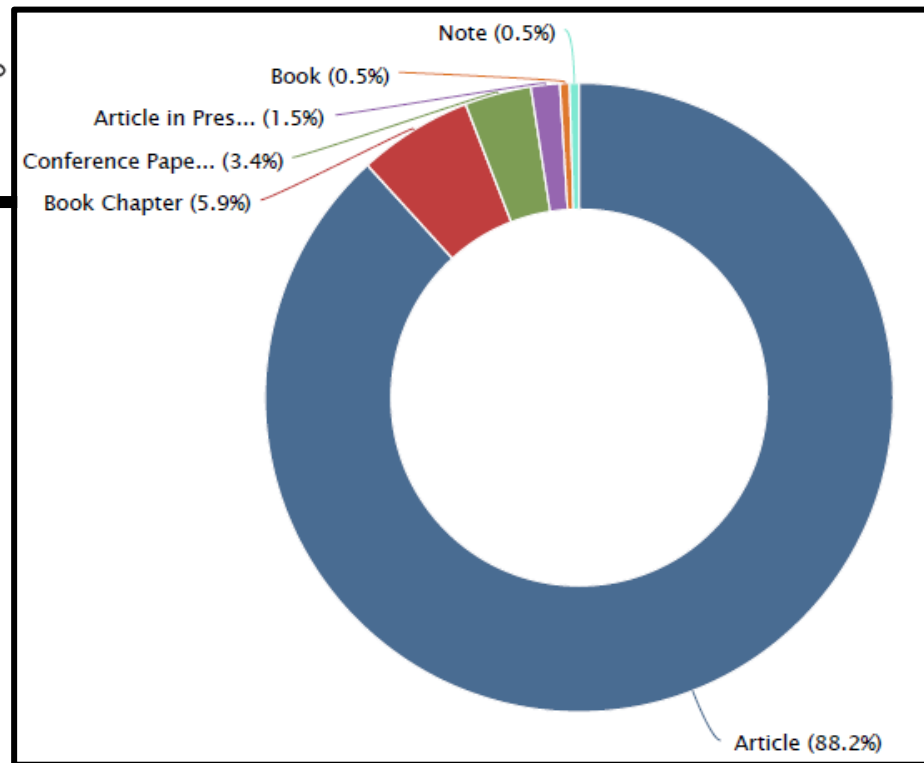
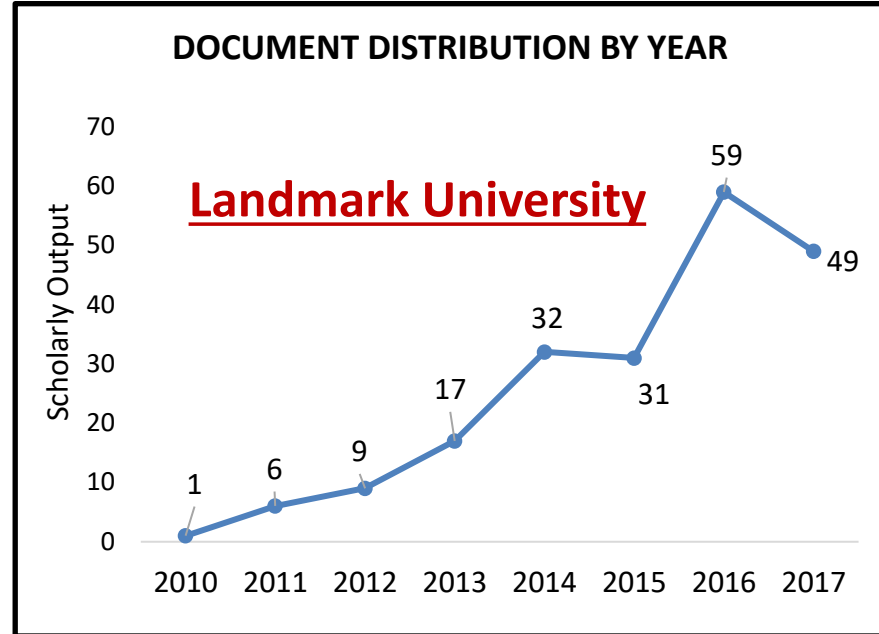
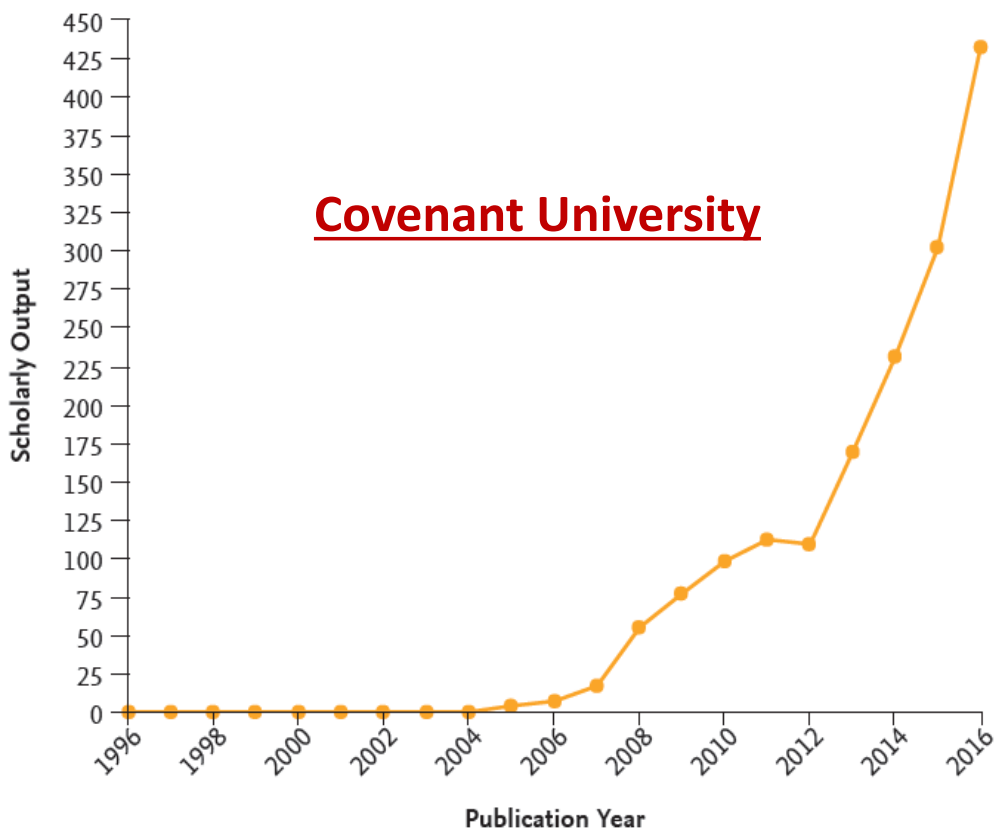
Metric		Publications	Citations	Citations per Publication
International collaboration	33.8%	474	1,402	3.0
Only national collaboration	17.8%	250	346	1.4
Only institutional collaboration	38.3%	537	427	0.8
Single authorship (no collaboration)	10.1%	142	383	2.7

SCOPUS RESEARCH STATISTICS AT LANDMARK UNIVERSITY



Documents: 204
Authors: 126

1. ADEBESIN, B.O. -	21
2. ADEYEMI, O. S.-	18
3. AKPOR, O.B. -	17
4. DAHUNSI, S.O. -	16
5. ONATE, C. A. -	16
6. ADEKIYA, A. O., -	14
7. IKUBANNI, S.O. -	14
8. ADEBIYI, S. J. -	13
9. FAKINLE, B. S -	12
10. OWAMAH, H.I. – (*)	9
11. BALOGUN, A.O -	7
12. OSEMWEGIE, O.O.	7
13. ADULOJU, M.O. (*)	6
14. AKINNULI, B. O. -	6
15. OJEDIRAN, J. O. -	6



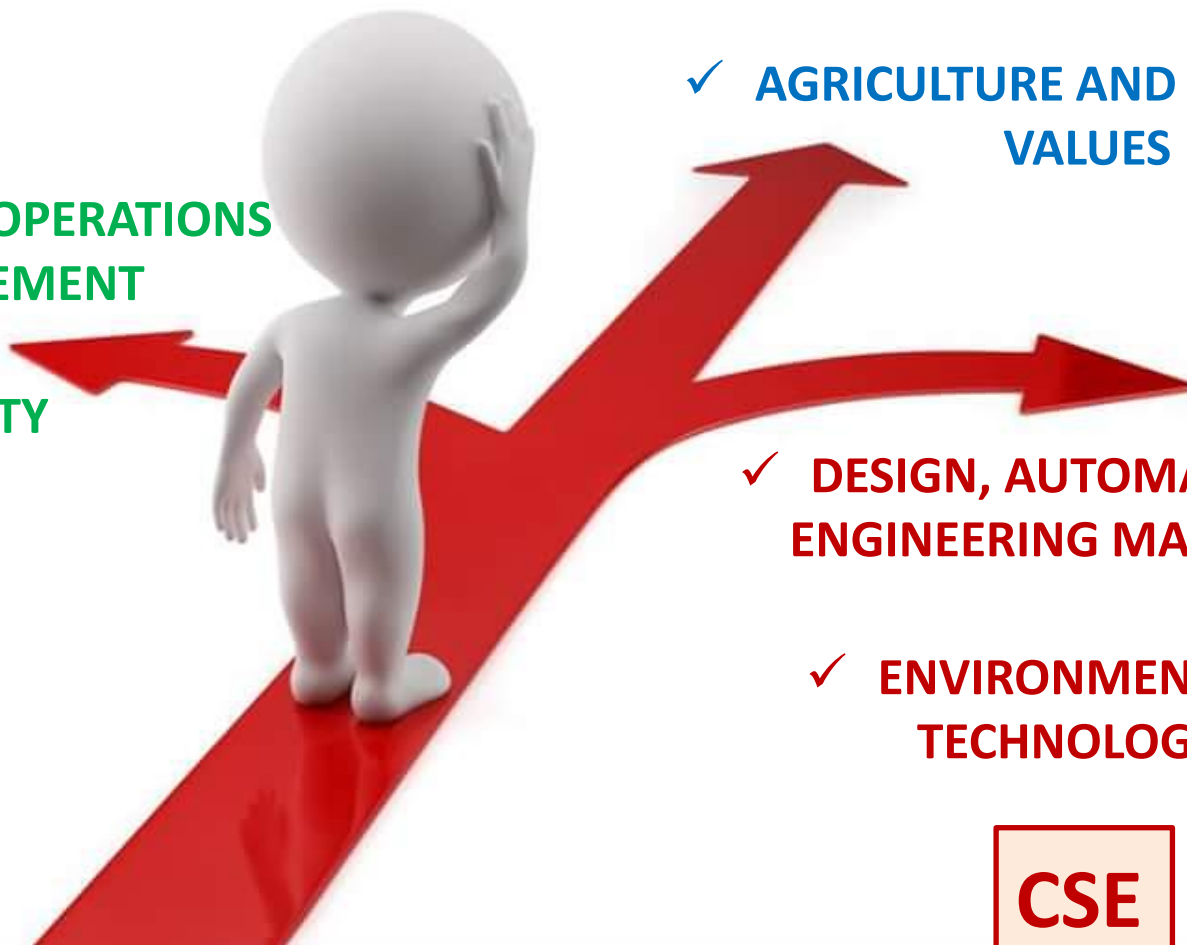
ARTICLE - 180
BOOK CHAPTER - 12
CONFERENCE PAPER - 7
ARTICLE IN PRESS - 3
BOOK - 1
NOTE - 1

LANDMARK UNIVERSITY RESEARCH AND RESEARCH CLUSTERS

CBS

CAS

- ✓ AGRICULTURAL OPERATIONS AND MANAGEMENT
- ✓ FOOD SECURITY



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

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

CSE

PURPOSE FOR RESEARCH CLUSTER

- **Bring together, and provide a supportive and stimulating collegial context for researchers/students on topics of common/related interest, with the aim of increasing the research output of the team.**
- **Attract internal and external research funding for collaborative research, with the aim of transforming to a Research Centre funded by the University.**
- **Generate/promote awareness of research opportunities for undergraduate and postgraduate students, and for research collaborations with Faculty/Staff in other Universities.**
- **Enable collaborative work among cross-disciplinary teams, thereby promoting synergistic exchange of ideas/resources.**

...AS A CLUSTER

Key elements of your work are novelty and the potential for stimulating further research.

- ✓ **MAKE** the most of your **TIME**
- ✓ **FIND** relevant informations
- ✓ **SHARPEN** your writing skills
- ✓ **DEVELOP** funding savvy
- ✓ **ACCELERATE** your Publishing career
- ✓ **DARE TO MAKE NEW DISCOVERIES**



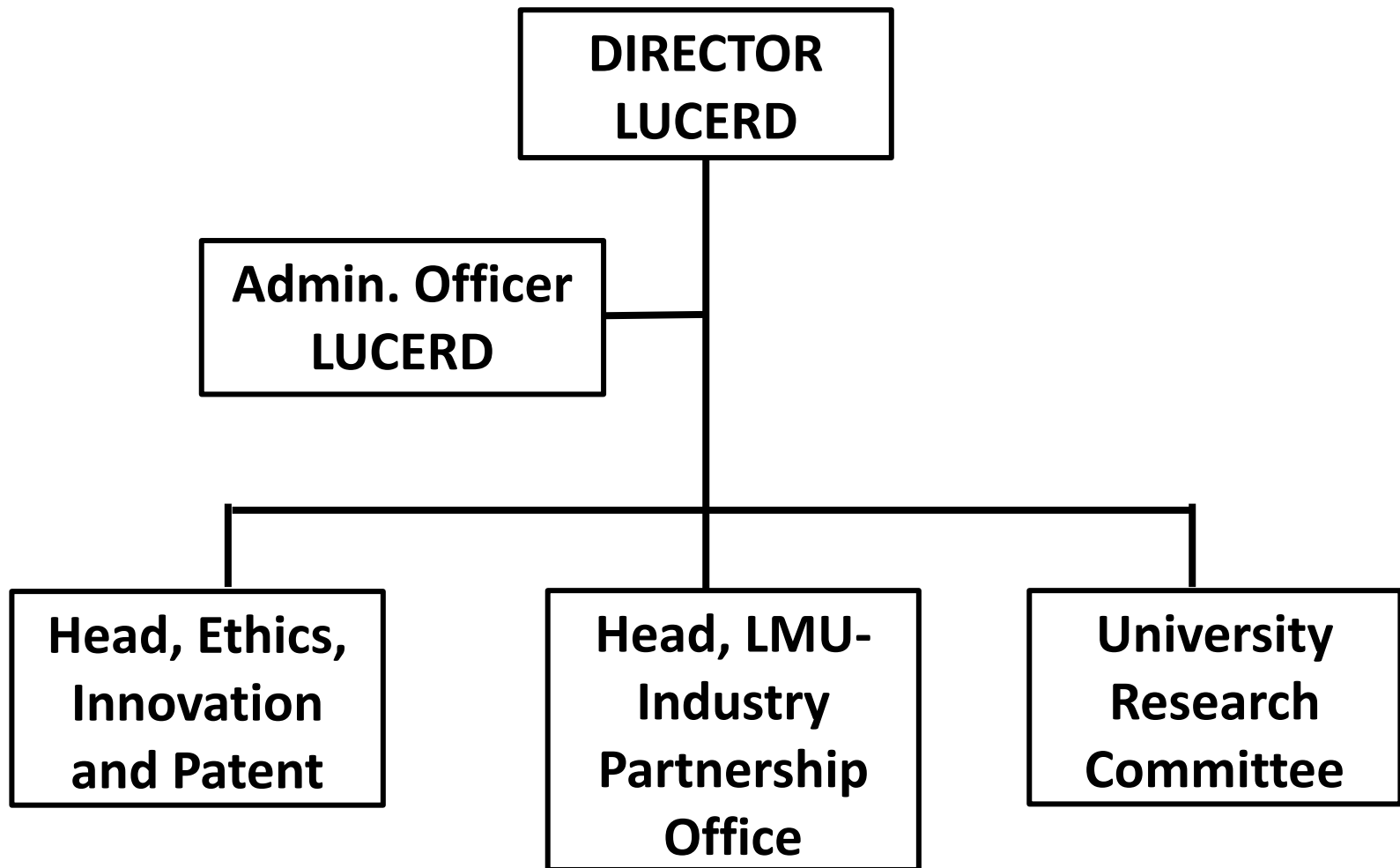
FUNDING OF RESEARCH ACTIVITIES

- ✓ **N5,593,128:00 (50%)** already disbursed to PI from **3 Research Clusters** (Environ. & Tech. (1 slot), Agric. Operations & Mgt. (2 slots), Food security (1 slot))
- ✓ **N999,335:05** in the process of being disbursed to **PI from 1 Research Cluster** (AgricBusiness, Entrepreneurship, & Economic Devpt.)

- ✓ 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 must sign the progress report to be qualified for the next phase of funding
- ✓ **Coordinators of Research Clusters must ensure adequate due process in the fund retirement with supporting documents where necessary**

THE NEXT DIRECTION



LUCERD – Landmark **U**niversity **C**entre for **R**esearch and **D**evelopment

HIGH IMPACT RESEARCH



1] Get a Good Mentor

- ✓ Guiding us through the puzzle of scientific folly, pitfalls, and dead ends.
- ✓ Inspiring us to find the best within us, keep us focused, and ensure delivery of success.

2] Don't Duplicate Results

- ✓ When setting out to research a topic, it is essential to read the literature and master what has already been completed previously.
- ✓ Don't duplicate previous results

3] Do not work alone because this is self-defeating and may likely produce poor quality research output

ADVANTAGES OF PUBLISHING IN STANDARD JOURNAL OUTLETS?

- ✓ Selection of excellent candidates for positions as PhD student, postdoc and academic staff
- ✓ Selection of recipients of grants
- ✓ Promotion of professors
- ✓ Distribution of internal grants, resources and infrastructures in universities
- ✓ Establishment of scientific collaborations (international networks)
- ✓ Selection of reviewers/editors for journals
- ✓ Selection of speakers on scientific conferences
- ✓ Determination of the scientific output

BREAKING THE GLOBAL RESEARCH BARRIER



- ✓ **Min. 1 SCOPUS Article per Faculty⁽²¹³⁾ per year**
- ✓ **The University should do Institutional registration on the SCOPUS platform**
- ✓ **More Agric based researches should be encouraged among Faculty especially CAS**
- ✓ **Faculty should put in more international collaborative efforts (LinkedIn, ResearchGate, etc.)**
- ✓ **Faculty should be encouraged to win research grant into the University instead of only relying on grant from the University**
- ✓ **Young Faculty should identify a mentor, and be ready to learn under him/her**

An English Professor wrote the words...
“a woman without her man is nothing”

**...and asked his students to
Punctuate it correctly.**

All of the males in the class wrote:
“A woman, without her man, is nothing.”

All the females in the class wrote:
“A woman: without her, man is nothing.”

THANK YOU

FOR YOUR ATTENTION

