

# POSTDOCTORAL RESEARCH WORKSHOP

Research Group Workshop  
**15 to 16 August 2012**  
DUT, Steve Biko Campus

*Prof Sibusiso Moyo*

**Director of Research and Postgraduate Support**

**DUT**

# Time Measure?

To be or not to be!

- ▣ **Work!** The amount of work expands to fill the time available for its completion ~ Author (?)

(Time management, Teaching & Learning, Research and Project Management)

\*\* Postgraduate students are expected to be involved in tutorial & laboratory demonstration etc.

# The Business of Life!

*'We have to always be on our guard against being thrown off our true course by chance or circumstance' (Sir Winston Churchill, 1931).*

# DUT Support of PG Students!

- ▣ 100% Fee Remission – FT & PT Studies till 2014.

(To increase PG enrolments. Total cost per student ~ R16000 – R25000).

- ▣ Competitive scholarships @ R36000 p.a. (Ms) and R48000 p.a. (Ds) for 2 and 3 years respectively.
- ▣ Full cost for an M (R72000) and for a D (R144000).

# DUT Support of PG Students!

- ▣ **Research Running Costs for M and D projects:  
R10000 (M) and R15000 (D).**
- ▣ **Full Cost for Student Support = Tuition fee + Research Running expenses + DUT Scholarship.**
- ▣ **M~ R82000 and D~R159000.**

# How Does DUT Support PG Students

There are six faculties at DUT, namely,

- ▣ Health Sciences
- ▣ Accounting and Informatics  
**(Ms Sheena Perumal)**
- ▣ Applied Sciences
- ▣ Engineering and the Built Environment  
**(Mr Sundeep Singh)**
- ▣ Arts and Design
- ▣ Management Sciences **(Ms Promise Nhlabathi)**

# Research and Postgraduate Capacity Building Programmes

- ▣ A number of research and postgraduate programmes currently exist (survival skills – also available online - see hand out).

**\*\*Critical Areas: Science Writing Skills, Basic Research Skills, Data handling techniques, Questionnaire Design, Research Ethics etc.**

# Meeting DHET Targets

## Why meet DHET Targets?

- ▣ To produce another 300 units over the next 5 years.
- ▣ To create capacity within DUT by stimulating an increase in Staff Qualifications
- ▣ Postgraduate enrolments and Graduations, Research Outputs.



# Sources of Funding

- ▣ DHET (?)
- ▣ PDF fellowships (DUT/NRF/External Foundations/ DHET)
- ▣ MTech &DTech Scholarships (NRF/ DUT/ External Trusts, agencies and science councils)

# UNIVERSITY STAFF PROFILE

- ▣ Staff Qualifications – Ms and Ds ~13% of staff with Ds.
- ▣ Staff Research Productivity – 0.5 units per fulltime academic staff ~300units. Currently ~74.
- ▣ 1 unit ~ R120 000 to DUT
- ▣ To find ways in which to collaborate and establish beneficial partnerships that would assist the University increase its Research Capacity and Postgraduate Outputs.

# ALLOCATION OF UNITS

- A book = **5 units** (depending on length)
- (Doctoral Degree = **3 units**)
- A journal article (Research M) = **1 unit**.
- A book chapter = **a fraction** calculated from 5 units.
- Conference Proceedings = **0.5 unit**.
- If more than one author from different institutions authored an article/ book, the units are divided between the institutions accordingly.

# DHET FUNDING - OUTPUT SUBSIDY

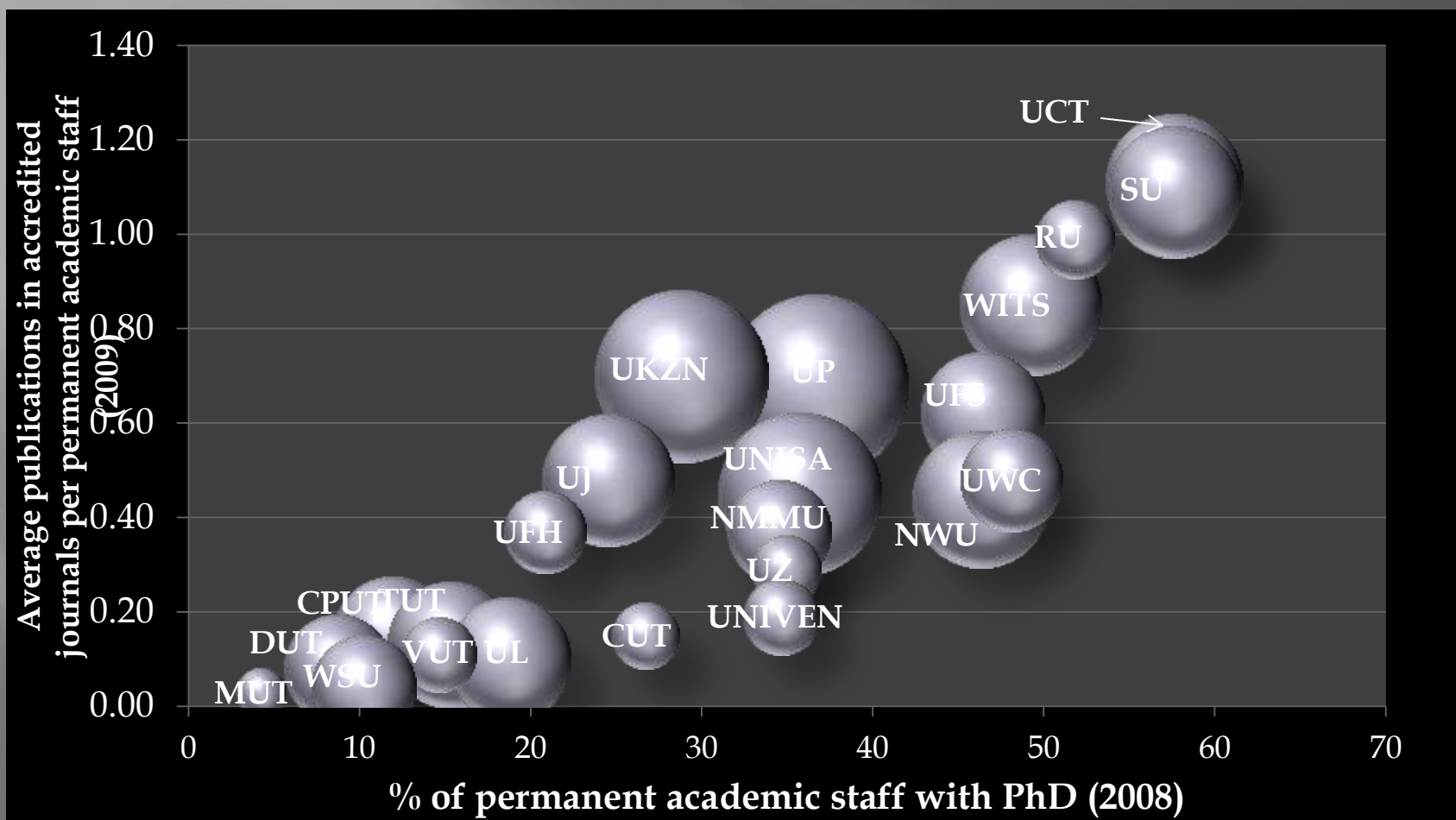
**Ms (1 unit)**  
**R120000**

**Ds (3 units)**  
**R360000**

**Article Units**

**Most NRF Grants linked to PhD  
Production (SARChI) + Outputs**

Productivity (average nr of papers per permanent academic staff) and % of permanent academic staff with PhDs, by individual university and the total headcount of permanent academic staff (J Mouton)



Visit website:

<http://www.dut.ac.za/research>

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# ONLINE RESOURCES

Online student support options include:

- Research Information on the DUT web page
- Online discussion forums
- Online research modules
- Visit: <http://docaweb.dut.ac.za/moodle/>