

Research, Innovation and Postgraduate Studies

Prof Eugene Cloete



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Progress over the past ten years



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Entrepreneurial University



“An entrepreneurial university, on its own, seeks to innovate in how it goes to business. It seeks to work out a substantial shift in organizational character so as to arrive at a more promising posture for the future. Entrepreneurial universities seek to become ‘stand-up’ universities that are significant actors in their own terms”

See discussions, stats, and author profiles for this publication at:
<https://www.researchgate.net/publication/228657319> A literature review on entrepreneurial universities: An institutional approach

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Goals in 2012



Strategic focus areas

1. Identification of new multidisciplinary research entities
2. Extension of innovation at SU
3. Promotion of research outputs
4. Human resource development
5. Postgraduate student training
6. Financial sustainability

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Teamwork ... thank you!



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Goals in 2012



Strategic focus areas

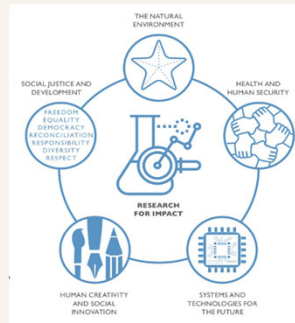
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1. Multidisciplinary research entities



- Six (DSI) Centres of Excellence (largest number of any university in SA)
- A number of new centres and institutes
- School for Data Science and Computational Thinking
- School for Climate Studies
- AUDA - Nepad/ CSIR and SU Center of excellence in science, technology and innovation
- AURA - Center of excellence in Water and Energy
- Fraunhofer Research Laboratory



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Goals in 2012



Strategic focus areas

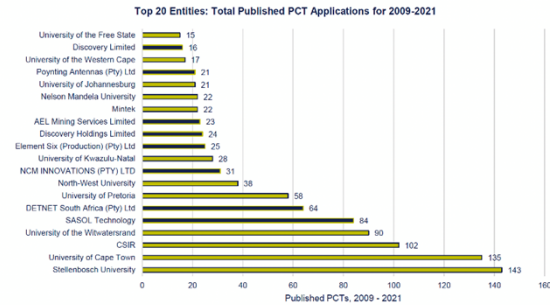
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2. Extension of innovation at SU

Publicly Funded & Privately Funded: Total PCT Publications



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Library and Information Service



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Central Analytical Facilities SU



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New Biomedical Research Institute (BMRI), Faculty of Medicine & Health Sciences, Tygerberg



TA090 2185 BMRI New Biomedical Research Institute
Current project value : R 1 023 342 billion

DHET Contribution

Funding Cycle
2018/19 – 2020/21

R200 000 000

Total New and Upgrade
of Existing Facilities

37 121 m²

PROJECT STATUS

- ✓ New building completed
- Refurbishment of exiting building in construction
- Basement extension in construction

Project completion date December 2022

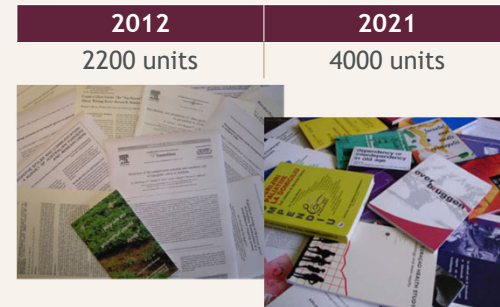


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3. Promotion of Research Outputs



- Weighted research outputs (Publications, master's and doctoral degrees)



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4. Human resource development



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4. Human resource development



	2012	2021
NRF-rated researchers	309	492



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4. Human resource development



	2012	2021
Postdoctoral fellows	154	321

- 48% female
- 48% International



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4. Human resource development



	2021
nGAP	21

Young academic stars

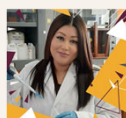


	2021
Future Professors Programme	6



	2012	2021
Consolidocs	0	100*

- Over a 10-year period



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5. Post graduate student training



R120 million bursary fund for postgraduate students



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5. Post graduate student training



	2012	2021
Master's degrees	1441	1494
Doctoral degrees	240	311

48% of postgraduates are black students



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6. Financial sustainability



Third stream income	2012	2021
	R576 million	R1,22 billion

- *75% international funding*



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CONCLUSION



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