



IAU/ACUP Seminar

The African doctorate
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CREST is an interdisciplinary research and academic centre of Stellenbosch University established in January 1995. CREST conducts research on:

- the nature of science and technology with specific focus on science policy issues in South Africa and on the African continent;
- the nature and state of knowledge production in the higher education sector in South Africa and selected African universities;
- the methodology and sociology of science; and
- the nature of monitoring and evaluation studies.

CREST also offers post-graduate programmes in two areas:

- Science and Technology Studies
- Monitoring and Evaluation Studies





GOALS OF THE AFRICAN DOCTORAL ACADEMY:

- To provide current and prospective doctoral students in all fields of science with high quality research training and support.
- To assist prospective doctoral students with the necessary intellectual and academic tools to become successful scholars in their respective fields; inter alia by arranging seminars and dialogues with established and experienced scholars.
- To better equip academics for managing and supervising post-graduate students.
- To house a comprehensive research programme on the "African doctorate". This programme will invite scholars in higher education from across the continent to participate in the programme, which will include all fields of science and scholarship.



The “African doctorate”



The lead agency for this programme is the Centre for Research on Evaluation, Science and Technology (CREST), however, it is envisaged that the specific goals, scope and contents of the research programme will be designed and executed in partnership with other research centres and organisations. The “African doctorate” is funded by the Ford Foundation and the current funding cycle will come to an end in July 2013.





The following research topics are being investigated under the current funding cycle of the ADA research programme:

- the mapping of existing doctoral programmes at the major universities and the development of a web-based directory of such programmes;
- the development of a statistical database of doctoral studies (including enrolments and graduates by institution and field);
- research into mobility trends and rates of African doctoral students as well as career trajectories including destination or tracer studies;
- studies on different models of doctoral training and doctoral supervision; and
- more qualitative case studies on the institutional infrastructure and conditions of doctoral students at the major universities in the region.



Mapping of doctoral programmes



Lists of doctoral programmes offered at various universities have been obtained for:

- Ahmadu Bello University (Nigeria)
- Kenyatta University (Kenya)
- Kwame Nkrumah University of Science and Technology (Ghana)
- Makerere University (Uganda)
- Moi University (Kenya)
- Mzumbe University (Tanzania)
- National University of Science and Technology (Zimbabwe)
- Obafemi Awolowo University (Nigeria)
- Sokoine University of Agriculture (Tanzania)
- University of Addis Ababa (Ethiopia)
- University of Agriculture Abeokuta (Nigeria)
- University of Benin (Nigeria)
- University of Botswana
- University of Buea (Cameroon)
- University of Calabar (Nigeria)
- University of Dar es Salaam (Tanzania)
- University of Ghana
- University of Ibadan (Nigeria)
- University of Ilorin (Nigeria)
- University of Lagos (Nigeria)
- University of Malawi
- University of Nairobi (Kenya)
- University of Namibia
- University of Zambia



Development of a statistical database of doctoral studies



Institution	PhD Graduates	PhD Enrolments	Master Enrolments
University Botswana	2004-2008	2003-2009	2003-2009
Kwame Nkrumah University of Science and Technology (Ghana)	Pending	Pending	Pending
University of Ghana	Pending	Pending	Pending
University of Nairobi	2007	None	None
University of Malawi	1996-2006	Pending	Pending
University of Agriculture Abeokuta (Nigeria)	2006-2010	2006-2009	2006-2009
University of Ilorin (Nigeria)	2007-2011	2006-2010	2006-2010
Mzumbe University (Tanzania)	None	2005-2010	2005-2010
University of Dar es Salaam (Tanzania)	2008-2011	2010	2010
Makerere University (Uganda)	Pending	Pending	Pending
University of Zambia	2006-2010	2006-2010 (By faculty - not by programme)	2006-2010 (By faculty - not by programme)
National University of Science and Technology (Zimbabwe)	None	2006-2010	2006-2010



Development of a statistical database of doctoral studies (cont.)



- Data obtained through web searches, via email correspondence, site visits, relevant national bodies etc.
- Obtaining these statistics is in many cases hindered by a lack of adequate record keeping at the universities.
- Stats pending are currently being collated by researchers partners.
- Further statistics will be obtained through site visits related to other CREST research projects.



Destination or tracer studies



Research into mobility trends and rates of African doctoral students as well as career trajectories including destination or tracer studies : HESA (UK) and Open Doors (USA) are providing data on the top destination universities for students from SSA countries. These universities will be contacted to participate in subsequent studies.

Qualitative case studies on the institutional infrastructure and conditions of doctoral students: interviews will be scheduled in conjunction with other CREST research projects notably DRUSSA.

Studies on different models of doctoral training and doctoral supervision: A comprehensive review of literature on models of doctoral training and doctoral review has been undertaken. Interviews will be scheduled in conjunction with other CREST research projects notably DRUSSA.





Thank you

