

Higher Education in Africa Expertise Network

**A Study by the Centre for Research on
Science and Technology
University of Stellenbosch**



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To gain access to the database, contact Johann Mouton at jm6@sun.ac.za

The full report and database will be available on Cd-rom form Chet bnichols@telkomsa.net after 15 March 2007.

HIGHER EDUCATION IN AFRICA EXPERTISE NETWORK

1. Background

The Centre for Research on Science and Technology (CREST) at Stellenbosch University was commissioned by CHET to conduct a study on higher education expertise in Africa. The brief was to produce an electronic database and final report on existing expertise in the broad field of higher education scholarship. The overall aim of the study was: To map people and institutions conducting research in the field of HE for the period 1995 – 2006. The brief also made it clear that the “experts” to be mapped should be African scholars, i.e. scholars either affiliated with institutions on the African continent or working there OR scholars borne on the African continent and currently working in some other country.

A note “expert” and “expertise”.

The notions of “expert” and “expertise” are not self-evident. Who is regarded as an expert and who not is context-bound and might even be discipline and knowledge domain specific. Sociologists of science who have written on this topic do agree that being “labeled” an expert is an ascribed property. A scholar is recognized to be an expert by his or her peers. Expertise is usually acquired after sustained immersion and specialisation in a particular field of scholarship or science and is rewarded through awards (Nobel prizes), invitations to be key speakers at international conferences and citations in reputable peer-reviewed journals.

Our approach in the compilation of this database of “experts” has been much very pragmatic. In a sense we would argue that our aim has been to establish an “exploratory” database of experts in Higher Education Studies in Africa. The aim was not to apply a very rigorous criterion of expertise as the basis for selection of scholars, but rather the converse: to be as comprehensive and inclusive as possible. This is also reflected in the inclusion of various publication types (books, chapters in books, articles, conference proceedings and dissertations) in the database.

In reporting on the information available in the database we have applied two rules.. Where we have mapped the expertise, either in a particular field or category, we have included all publications in our database (e.g. Tables 4.1 – 4.3). Where we have mapped individual experts, we have only included the names of individual scholars who have produced at least 3 publications (e.g. Tables 4.4. – 4.6) over the year period 1995 – 2006.

Finally, we need to point out that we have used for purposes of reporting both publications and publication equivalents. A publication equivalent represents a fractional count where there is multiple authorship of a publication. Simply put, where there are three authors of a publication, each gets assigned 0.3 publication equivalent. We have used publication equivalents rather than publication units where we list the publications of scholars in various countries by main category, given the large degree of co-authorship (e.g. Tables 4.7 and 4.8). However, sometimes we have included both metrics (e.g. Table 4.11) where a comparison between them provides additional information.

2. Constructing the Database

The initial database was developed and populated during 2005. A more recent update of the information contained in the database was undertaken during the last quarter of 2006.

2.1. Initial database development

The activities in the development of the initial database can be divided into three phases:

PHASE 1 Initial search on African authors

Step 1:

African draft Knowledge base used as starting point

- Draft African knowledge base provided list of 300 articles, which was used as a starting point.
- This list excluded South African authors. The SA authors were only included during phase 3

Step 2:

Google search done on author 1

- Google search was done on first author in draft knowledge base and results screened

Step 3:

Publications between 1995 and 2005 on HE transferred to Excel file

- Excel file with two sheets were created
 - Sheet 1 (named publications) consisted of authors' detail, co-authors name(s), and publications detail
 - Sheet 2 (named authors) listed the names of co-authors as well as names obtained from reference list of publications listed in sheet 1.

Step 4:

Repeat step 3&4 for every name in excel file sheet 2 (authors names) adding new names continuously

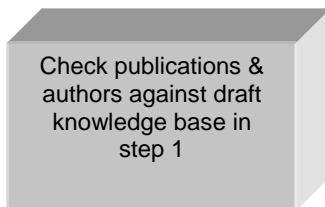
- AAU <http://www.aau.org/studyprogram/reports.htm>
- Pan Commonwealth Forum on Open learning <http://www.col.org/forum/casestudies.htm>
- CODESRIA site: <http://www.codesria.org/Links/conferences/universities/universities.htm>
- International conference on internationalization of higher education: The African experience and

perspective

<http://www.mu.ac.ke/agenda/ipo/final.html>

- Bibliography on Higher Education in Sub Saharan Africa by W Saint http://www.worldbank.org/afr/teia/bibliography_higher_ed.pdf

Step 5:



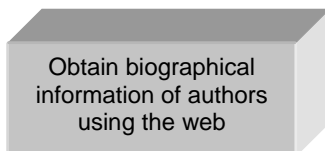
- Only after a Google search on all the authors had been completed **and** all their publications listed in the sheet **and** all new authors identified during this process was searched on, was the Excel file compared with the original draft knowledge base in step 1. All outstanding articles and additional authors identified from draft knowledge base were then searched on.

Step 6:

Excel file was “cleaned up”, removing inappropriate articles. This included a lot of medical articles that formed part of the draft African knowledge base. Excel file was transferred to Access database.

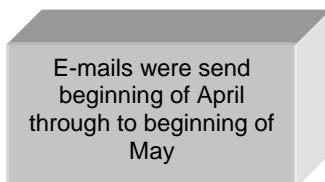
PHASE 2 Search for biographical info and contacting of African authors

Step 1:



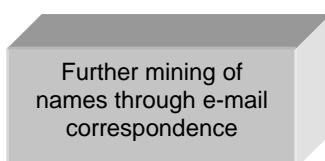
- Web was queried for:
 - CV on web
 - E-mail addresses
 - Institution

Step 2:



- 250 direct e-mails sent to authors
- 50 e-mails sent to webmasters/general info contact on companies and university WebPages

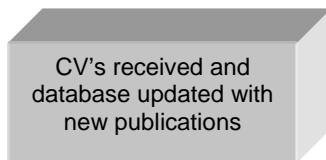
Step 3:



- The following references were given by authors and more names added to directory
 - INHEA website http://www.bc.edu/bc_org/avp/soe/cihe/inhea/index.htm

- SAARDHE 2005
<http://www.interaction.nu.ac.za/SAARDHE2005/SAARDHE%202005%20DRAFT%20PROGRAMME%2029%20March%202005.doc>
- AAU's research division (through A Sawyerr) provided link to AAU African study programme. Our directory already included these names
<http://www.aau.org/studyprogram/dbfiles/index.php>
- F Gomile provided details on conference "Improving tertiary Education in Sub-Saharan Africa: Things That Work".
http://www.worldbank.org/afr/teia/conf_0903/final.pdf
- 50 new authors with e-mails were sent by authors already in the directory

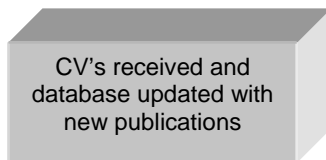
Step 4:



- Updated HE as CV's are received. In 90% of the cases additional publications are added
- New names of co-authors identified and followed up on

PHASE 3 Integrating SA authors and finalizing African authors

Step 1:



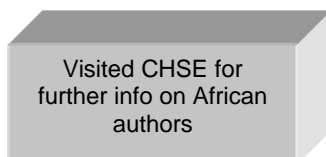
- E-mails sent to SA authors
- CV's received and stored

Step 2:



- 220 direct e-mails to African authors and 45 e-mails to webmasters/company websites sent
- CV's received and stored

Step 3:

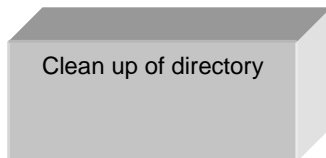


- Theses and dissertations between 1995 and 2005 on Higher education obtained from CD named "Theses

and Dissertations”. These have been added to the directory.

- Comparison of CREST directory against CHSE database ensuring we had all the publications for those authors that correlated
- Focusing on top 50 African authors by searching for additional information (including biographical detail and more publications)

Step 4:



- Irrelevant articles and authors removed.
- Classification according to main and subsidiary fields

2.2. Update of database

The following steps were followed to update the database during the fourth quarter of 2006:

- 1) Google scholar searches were done for all authors in database. The aim was to obtain latest publications for these authors as well as getting additional names of African scholars in the field of higher education
- 2) Concurrent to the above process, e-mails were sent to all authors already included in the database. The Curriculum Vitae information from scholars that responded to the e-mail, were included in the database and all new names of authors further investigated
- 3) A query was run on the Nipad database in order to get updated article information for the 2005-2006 period.
- 4) Most South African authors' articles do not reflect when doing a search on Google Scholar. The Nipad database was applied for this purpose with every South African author being checked individually and latest articles then added to the database
- 5) The following websites were revisited to search for updated publications:
 - a. AAU (http://www.bc.edu/bc_org/avp/soe/cihe/inhea/index.htm)
 - b. Codesria (<http://www.codesria.org>)
 - c. INHEA (http://www.bc.edu/bc_org/avp/soe/cihe/inhea/index.htm)
- 6) The following process were followed when a new scholar was identified:
 - a. A search was done on Google scholar to look for further publications in the field of Higher Education
 - b. A search was done on Google to search for biographical information, including an e-mail address

- c. Where applicable, e-mail was sent to the new author inviting him/her to be included in the database
- 7) All new articles were classified into the three main Higher Education domains:
 - a) Policy
 - b) Leadership and Management
 - c) Teaching and scholarship
- 8) All existing articles were also classified into three new fields:
 - a) Higher education and institutional development/transformation
 - b) Higher education and issues related to socio-economic contribution and development
 - c) Higher education and issues related to citizenship, democracy and broader political significance

At the end of the second phase more than 600 e-mails were sent out.

The updating exercise resulted in the addition of 403 new publications (resulting in 576 new authorships) as well as 230 new author records.

3. The Database Architecture

The HE Expertise Database (HEED) is currently captured in a MS Access relational database. The information is organised into three main tables. These are:

- HE Publications (2108 records)
- HE Experts (1425 unique individuals)
- HE Authorships¹ (3240 records)

The design of each table is discussed below

3.1 HEED TABLE 1: PUBLICATIONS

- Publication Title
- Publication Source/ Journal
- Publisher/ Place of Publication
- Publication Type
- Publication Date
- HE and Development
- MAIN CATEGORIES

¹ "Authorship" refers to the individual contributions to each publication. Every single author in multiple-authored publications is counted separately when compiling an authorship table. Authorship tables are useful for constructing patterns of research collaboration. In this database it means, therefore, that 2108 unique publications were produced by 1425 unique individuals and because of multiple authorships of some publications, the total number of authorships came to 3240.

- Main Fields
- Subsidiary Field
- Website reference

3.2 HE EXPERTS

- Surname
- Initials
- Title
- Name
- Gender
- Year of Birth
- Highest Qualification
- Year Highest Obtained
- Place Highest Obtained
- Nationality
- Appointment Present
- Department/ Centre/ Unit
- Institution
- Contact details (Address/ country/email/tel/fax)
- Country working
- CV

3.3 HE AUTHORSHIPS

- Surname
- Initials
- Publication Title
- Publication Source
- Publication Date
- Publication Type
- Website Reference

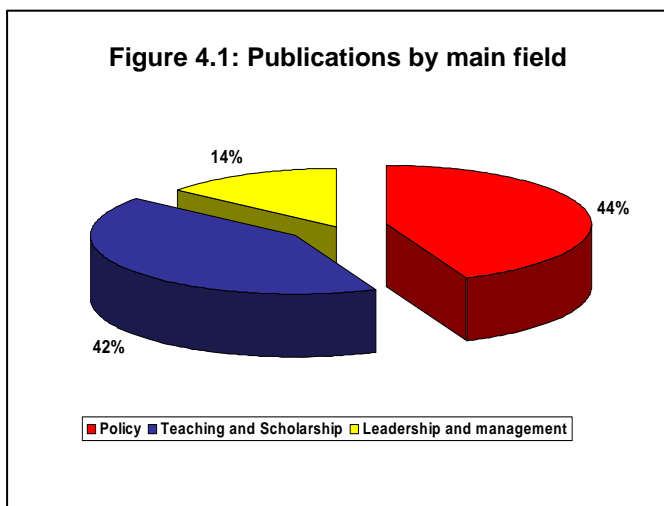
4. Main Data

4.1 Expertise by main field

For the purposes of this report, all publications have been classified into one of three main Higher Education domains:

- Leadership and management
- Policy
- Teaching and scholarship

Figure 4.1 shows that the majority of publications (804 units) were classified as Policy, followed by a second significant cluster of publications in Teaching and Scholarship (781). The smallest cluster (260 units) was classified as belonging to the category of Leadership and Management studies.



The more detailed sub-classifications in each of the main categories are presented in Tables 4.1 to 4.3 below.

TABLE 4.1 POLICY BY SUB-FIELDS

Main Fields	Nr of Publications
HE case/country studies	133
Transformation and reform	78
HE General	74
Research and scholarship	60
Globalisation/ Regionalisation	42
Private HE	38
Governance	38
QA	37
Financing	35
African universities	34
HE and society	32
Teaching and learning	32
Philosophy of education	21
Access and equity	17
HE and development	15

University and the labour market	13
Technology and HE	11
University libraries	11
Distance education	11
Women in HE	10
Human resources	10

Table 4.2 TEACHING AND SCHOLARSHIP SUB-FIELDS

Main Fields	Nr of Publications
Teaching and learning	195
Students	173
University libraries	50
Technology and HE	50
HE case/country studies	49
Research and scholarship	36
Distance education	36
African universities	26
Access and equity	23
Curriculum	22
Staff development	19
Human resources	14
HE General	12
Post-graduate education	12
QA	11

TABLE 4.3 LEADERSHIP AND MANAGEMENT BY SUB-FIELDS

Main Fields	Nr of Publications
Management	52
University libraries	28
HE case/country studies	24
QA	23
Technology and HE	22
Finances	21
Women in HE	16
Transformation and reform	13
African universities	13
Students	10

Some salient points:

- The prevalence of country/case studies in each of these three main categories is possibly an indication of the rather local (parochial?) focus of many of the publications. The focus on policy or teaching and scholarship concerns in a particular country or higher education system dominates a very large proportion of the HE scholarship. Further inspection of this category also shows – rather disappointingly – that many of these are single country studies with very few examples of comparative research.
- The positive aspect of this focus on country studies is that it presents one in principle with a pool of case studies for courses in Higher Education programmes.
- The field of POLICY research is dominated – not taking into account the country studies – by four focus areas: matters of reform, transformation and transition in national HE systems, research and scholarship concerns (very often about new modes of knowledge production), matters peculiar to African universities (including their struggles for financial survival and political autonomy) and issues around globalisation and regionalisation (North-South issues as well as issues related to regional collaboration).
- Besides these clusters of scholarship, the POLICY field also contains smaller pockets of scholarship around financing, governance, QA and private higher education.
- The TEACHING AND SCHOLARSHIP category is dominated by studies which are peculiar to teaching and learning (including a substantive body of work on the use of ICT in teaching and learning and in distance education programmes), studies focusing on aspects of student behaviour and attitudes as well as country specific studies.
- Other significant clusters in TEACHING AND SCHOLARSHIP are to be found in the areas of studies about university libraries (a domain which also receives attention under the LEADERSHIP AND MANAGEMENT category) as well as technology in higher education (which is mostly about ICT), curricular reform and access and equity issues.
- The smallest cluster of scholarship in African HE is to be found in the area of LEADERSHIP AND MANAGEMENT where the subfield of management studies dominates. This is followed by smaller pockets of scholarship on QA and Finances.

In order to get a better idea of the geographical distribution of expertise, we have taken each of the main fields and listed the number of authors by country who have published at least 3 publications in that category. Table 4.4 presents the country distribution for the POLICY field, Table 4.5 the same information for the TEACHING AND SCHOLARSHIP field of and Table 4.6 for the field of LEADERSHIP AND MANAGEMENT. For the purposes of this analysis we have included scholars currently residing in countries outside Africa.

TABLE 4.4 AREAS OF EXPERTISE IN COUNTRIES (POLICY)

Country Working	Surname	Initials	Nr of publications
Algeria	Boubekeur	F	3
Botswana	Adekanmbi	G	3
Botswana	Obasi	IN	3
Botswana	Oduaran	AB	5
Cameroon	Njeuma	DL	3
Côte d'Ivoire	Guedegbe	CM	4
Ethiopia	Asgedom	A	5
France	Orivel	F	3
Ghana	Effah	P	4
Ghana	Sawyers	A	9
Ghana	Sutherland-Addy	E	3
Kenya	Mwiria	K	6
Kenya	Ng'ethe	N	3
Kenya	Otieno	W	6
Kenya	Otunga	RN	3
Kenya	Rodrigues	AJ	3
Kenya	Saint	W	6
Kenya	Wandiga	SO	3
Lesotho	Braimoh	D	3
Mauritius	Mohamedbhai	G	3
Nigeria	Aluede	OO	3
Nigeria	Amuwo	K	3
Nigeria	Babalola	JB	6
Nigeria	Ekhaguere	GOS	3
Senegal	Obanya	P	3
Senegal	Sall	E	4
Senegal	Thiaw	B	3
South Africa	Alt	H	5
South Africa	Bitzer	EM	7
South Africa	Breier	M	4
South Africa	Cloete	N	11
South Africa	Cooper	DM	9
South Africa	Dlamini	CRM	6
South Africa	Fourie	M	24
South Africa	Geyser	H	3

Country Working	Surname	Initials	Nr of publications
South Africa	Hay	HR	10
South Africa	Higgs	LG	4
South Africa	Higgs	P	10
South Africa	Holtzhausen	SM	4
South Africa	Jansen	JD	11
South Africa	Koen	C	9
South Africa	Kraak	A	7
South Africa	Kruss	G	4
South Africa	Lategan	LOK	21
South Africa	Le Grange	LLL	14
South Africa	Luckett	KM	5
South Africa	Mabizela	M	6
South Africa	Mouton	J	5
South Africa	Muller	JP	15
South Africa	Ntshoe	IM	5
South Africa	Osman	R	3
South Africa	Parekh	A	8
South Africa	Pendlebury	S	3
South Africa	Reddy	J	3
South Africa	Singh	P	3
South Africa	Strydom	AHK	14
South Africa	Subotzky	GI	29
South Africa	Van der Westhuizen	LJ	9
South Africa	Venter	EJ	4
South Africa	Waghid	Y	41
South Africa	Wolhuter	CC	3
Swaziland	Magagula	CM	3
Uganda	Kasozi	ABK	4
Uganda	Mayanja	MK	6
UK	Lebeau	Y	6
Unknown	Newmark	R	3
Unknown	Useem	A	3
USA	Alidou	OD	7
USA	Assie-Lumumba	NT	9
USA	Banya	K	8
USA	Bawa	AC	5
USA	Goduka	IN	4
USA	Ishengoma	JM	3

Country Working	Surname	Initials	Nr of publications
USA	Moja	T	5
USA	Munene	II	5
USA	Nafukho	FM	6
USA	Oketch	M	3
USA	Samoff	J	3
USA	Teferra	D	24
USA	Zezeza	PT	9

TABLE 4.5 AREAS OF EXPERTISE IN COUNTRIES (TEACHING AND SCHOLARSHIP)

Country Working	Surname	Initials	Nr of publications
Australia	Killen	R	7
Botswana	Adekanmbi	G	3
Botswana	Aina	LO	4
Botswana	Biakolo	MO	3
Botswana	Giannini-Gachago	D	3
Botswana	Hopkin	AG	4
Botswana	Kaino	LM	3
Botswana	Kamau	JW	3
Botswana	Kumar	KL	6
Botswana	Moahi	KH	3
Botswana	Mutula	SM	3
Botswana	Oduaran	AB	4
Botswana	Ojedokun	AA	3
Ghana	Alemna	AA	7
Ghana	Badu	EE	5
Kenya	Kimani	GN	3
Malawi	Broadhead	RL	5
Malawi	Muula	AS	12
Namibia	Ama	NO	3
New Zealand	Barkhuizen	GP	3
New Zealand	Ruth	DW	7
Nigeria	Abareh	HM	6
Nigeria	Adebayo	EL	4
Nigeria	Afemikhe	OA	3
Nigeria	Aluede	OO	17
Nigeria	Balogun	SK	4
Nigeria	Ehikhamenor	FA	3

Country Working	Surname	Initials	Nr of publications
Nigeria	Imhonde	HO	5
Nigeria	Maliki	AE	3
Nigeria	Marama	ID	5
Nigeria	Oduwole	AA	5
Nigeria	Ogunrombi	SA	19
Nigeria	Shenge	AN	3
Nigeria	Smah	SO	3
Norway	Astrom	AN	3
Norway	Masalu	JR	3
South Africa	Amos	TL	4
South Africa	Beylefeld	AA	4
South Africa	Bitzer	EM	12
South Africa	Boughey	C	4
South Africa	Breier	M	3
South Africa	Bruwer	JDW	3
South Africa	Buchner	J	5
South Africa	Cilliers	CD	7
South Africa	Cilliers	JA	3
South Africa	Cooper	DM	3
South Africa	Cosser	MC	3
South Africa	De Boer	A-L	4
South Africa	De Kock	DM	3
South Africa	Foxcroft	C	3
South Africa	Glencross	MJ	5
South Africa	Gravett	SJ	14
South Africa	Gwele	NS	12
South Africa	Hay	HR	15
South Africa	Henning	EM	10
South Africa	Higgs	P	4
South Africa	Holtzhausen	SM	8
South Africa	Huysamen	GK	9
South Africa	Imenda	SN	5
South Africa	Jacobs	GJ	7
South Africa	Jansen	JD	8
South Africa	Kapp	CA	3
South Africa	Kaunda	L	4
South Africa	Koch	E	10
South Africa	Lategan	LOK	10

Country Working	Surname	Initials	Nr of publications
South Africa	Le Grange	LLL	9
South Africa	Lessing	AC	5
South Africa	Luckett	KM	8
South Africa	Mammen	KJ	10
South Africa	Mashile	EO	3
South Africa	Mbali	C	4
South Africa	McLean	M	13
South Africa	Menkveld	H	3
South Africa	Miller	R	6
South Africa	Mji	A	7
South Africa	Mwamwenda	TS	9
South Africa	Myburgh	CPH	6
South Africa	Osman	R	3
South Africa	Petersen	N	3
South Africa	Poggenpoel	M	4
South Africa	Pretorius	EJ	7
South Africa	Schulze	S	11
South Africa	Smit	JJA	7
South Africa	Smuts	KB	4
South Africa	Steyn	PDG	3
South Africa	Strydom	AHK	3
South Africa	Subotzky	GI	3
South Africa	Truscott	M	4
South Africa	Uys	LR	7
South Africa	Van Wyk	CK	4
South Africa	Vermeulen	W	4
South Africa	Waghid	Y	17
South Africa	Wessels	JS	3
South Africa	Wilkinson	AC	3
Swaziland	Magagula	CM	9
Tanzania	Manda	PA	3
Tanzania	Nawe	J	3
Uganda	Mayanja	MK	4
UK	Lebeau	Y	4
USA	Bagayoko	D	3
USA	Munene	II	5
USA	Nafukho	FM	12
Zambia	Simui	MH	3

Country Working	Surname	Initials	Nr of publications
Zimbabwe	Majoni	C	3

TABLE 4.6 AREAS OF EXPERTISE IN COUNTRIES (LEADERSHIP AND MANAGEMENT)

Country Working	Surname	Initials	Nr of publications
Botswana	Mutula	SM	3
Ghana	Badu	EE	6
Ghana	Effah	P	3
Nigeria	Adebayo	EL	7
Nigeria	Agboola	AT	3
Nigeria	Aluede	OO	10
Nigeria	Eseyin	EG	4
Nigeria	Ifidon	BI	3
Nigeria	Liverpool	LSO	3
Nigeria	Ogunrombi	SA	3
Nigeria	Olatokun	WM	3
Nigeria	Olorunsola	R	3
Nigeria	Pereira	C	3
South Africa	Hay	HR	6
South Africa	Jacobs	GJ	3
South Africa	Jansen	JD	5
South Africa	Lategan	LOK	3
South Africa	Parekh	A	3
South Africa	Schulze	S	3
South Africa	Strydom	AHK	3
Unknown	FAWE		4
USA	Nafukho	FM	3

Finally, we look at the regional distribution of expertise from a slightly different perspective. First – we list the countries (only African) alphabetically and indicate the numbers of **publication equivalents** in each of the three main categories (Table 4.7). And second, given the particular interest in launching a post-graduate programme on HE studies with possible nodes in South Africa (Western Cape), East Africa (Kenya, Uganda and Tanzania) and West Africa we present a breakdown of this regional distribution (Table 4.8).

TABLE 4.7 EXPERTISE BY MAIN CATEGORY BY COUNTRY

Country Working	Main Categories	Nr of Equivalents
Algeria	LEADERSHIP AND MANAGEMENT	1
Algeria	POLICY	2.1
Algeria	TEACHING AND SCHOLARSHIP	3
Benin	POLICY	1
Botswana	LEADERSHIP AND MANAGEMENT	14.5
Botswana	POLICY	22.1
Botswana	TEACHING AND SCHOLARSHIP	41.2
Burkina Faso	LEADERSHIP AND MANAGEMENT	1
Burkina Faso	POLICY	2
Burkina Faso	TEACHING AND SCHOLARSHIP	1
Burundi	LEADERSHIP AND MANAGEMENT	0.5
Burundi	POLICY	1
Cameroon	POLICY	6.0
Cameroon	TEACHING AND SCHOLARSHIP	5.5
Chad	POLICY	1
Côte d'Ivoire	POLICY	6
Democratic Republic of Congo	LEADERSHIP AND MANAGEMENT	2
Democratic Republic of Congo	POLICY	4.3
Democratic Republic of Congo	TEACHING AND SCHOLARSHIP	3
Egypt	LEADERSHIP AND MANAGEMENT	0.8
Egypt	POLICY	3.1
Egypt	TEACHING AND SCHOLARSHIP	2.1
Eritrea	POLICY	1
Ethiopia	LEADERSHIP AND MANAGEMENT	1
Ethiopia	POLICY	14.7
Ethiopia	TEACHING AND SCHOLARSHIP	6
Gabon	POLICY	2
Gambia	POLICY	1
Ghana	LEADERSHIP AND MANAGEMENT	18.5
Ghana	POLICY	29.5
Ghana	TEACHING AND SCHOLARSHIP	26.9
Guinea	POLICY	0.3
Kenya	LEADERSHIP AND MANAGEMENT	16.5
Kenya	POLICY	53.2
Kenya	TEACHING AND SCHOLARSHIP	23.0
Lesotho	LEADERSHIP AND MANAGEMENT	2.2

Country Working	Main Categories	Nr of Equivalents
Lesotho	POLICY	3.2
Lesotho	TEACHING AND SCHOLARSHIP	0.3
Libya	POLICY	2
Madagascar	TEACHING AND SCHOLARSHIP	1.3
Malawi	LEADERSHIP AND MANAGEMENT	2.5
Malawi	POLICY	4
Malawi	TEACHING AND SCHOLARSHIP	11.7
Mauritania	POLICY	1
Mauritius	LEADERSHIP AND MANAGEMENT	0.5
Mauritius	POLICY	3.7
Mauritius	TEACHING AND SCHOLARSHIP	2.7
Morocco	POLICY	5
Mozambique	LEADERSHIP AND MANAGEMENT	0.5
Mozambique	POLICY	2
Mozambique	TEACHING AND SCHOLARSHIP	0.5
Namibia	LEADERSHIP AND MANAGEMENT	1
Namibia	POLICY	3
Namibia	TEACHING AND SCHOLARSHIP	5.5
Nigeria	LEADERSHIP AND MANAGEMENT	72.4
Nigeria	POLICY	58.4
Nigeria	TEACHING AND SCHOLARSHIP	103.2
Rwanda	POLICY	1.5
Rwanda	TEACHING AND SCHOLARSHIP	2
Senegal	LEADERSHIP AND MANAGEMENT	1
Senegal	POLICY	15.3
Senegal	TEACHING AND SCHOLARSHIP	1
Sierra Leone	POLICY	1
South Africa	LEADERSHIP AND MANAGEMENT	37.7
South Africa	POLICY	284.9
South Africa	TEACHING AND SCHOLARSHIP	297.3
Sudan	POLICY	1
Sudan	TEACHING AND SCHOLARSHIP	2.8
Swaziland	LEADERSHIP AND MANAGEMENT	3
Swaziland	POLICY	4
Swaziland	TEACHING AND SCHOLARSHIP	9.8
Tanzania	LEADERSHIP AND MANAGEMENT	8
Tanzania	POLICY	11.5
Tanzania	TEACHING AND SCHOLARSHIP	22.7

Country Working	Main Categories	Nr of Equivalentents
Togo	LEADERSHIP AND MANAGEMENT	0.2
Togo	POLICY	1
Tunisia	POLICY	0.7
Uganda	LEADERSHIP AND MANAGEMENT	10.7
Uganda	POLICY	15.6
Uganda	TEACHING AND SCHOLARSHIP	14.1
Zambia	LEADERSHIP AND MANAGEMENT	1.5
Zambia	POLICY	3.1
Zambia	TEACHING AND SCHOLARSHIP	8.5
Zimbabwe	LEADERSHIP AND MANAGEMENT	4
Zimbabwe	POLICY	6.0
Zimbabwe	TEACHING AND SCHOLARSHIP	8.9

TABLE 4.8 REGIONAL COMPARISON

SOUTH AFRICA Western Cape	Pub equiv	EAST AFRICA (Kenya/Tanzania/U ganda)	Pub Equiv	WEST AFRICA (Nigeria/ Ghana)	Pub equiv
University of Stellenbosch	115.7	Kenyatta University	18.1	University of Ibadan	40.9
University of Cape Town	42.8	Makerere University	30.0	University of Benin	28.0
Centre for Higher Education Transformation	9.7	Moi University	14.7	Ambrose Alli University	19.2
		University of Dar Es Salaam	36.8	University of Nigeria	14.9
		University of Nairobi	20.4	Jos University	9.2
				Obafemi Awolowo University	15.5
				Abubakar Tafawa Balewa University	13.2
				University of Ghana	33.5
Western Cape	168.2	East Africa	120.0	West Africa	174.4

Having provided an overview of the publications in the database, it is important to have a better understanding of the kind of publications included in our database. Table 4.9 shows that we have included a wide variety of publications ranging from books and monographs through peer reviewed journals articles to research reports and dissertations.

Table 4.9 Publications by TYPE

Publication type	Number	%
Book/monograph	182	8.6%
Chapter in book	310	14.7%
Conference proceedings	93	4.4%
Journal article	1167	55.4%
Other	175	8.3%
Research report	140	6.6%
Thesis	41	1.9%
TOTAL	2108	100.0%

4.2 Profiling the HE experts

In this section we look more closely at the 1425 individuals that we have included in our database. As far as gender of author is concerned, we have information on 610 of the authors in the database. Of these 69% are male and 31% female.

We next present a breakdown (Table 4.10) of the country breakdown of all experts. In Table 4.11 we present the distribution of publication equivalents BY individual author (expert) in descending order.

Table 4.10 EXPERTS BY COUNTRY

Nationality	Nr of Publications
Unknown	557
South Africa	190
Nigeria	155
Kenya	73
Botswana	52
USA	45
Ghana	45
Uganda	36
Tanzania	36
Ethiopia	21
Zimbabwe	21
Zambia	14
Cameroon	13
Senegal	11
Malawi	10
Swaziland	10
Namibia	9
Canada	8

Nationality	Nr of Publications
Egypt	8
France	8
UK	7
Lesotho	6
Algeria	6
Norway	6
Mauritius	6
Sudan	6
Democratic Republic of Congo	5
Mozambique	4
Morocco	4
Côte d'Ivoire	4
Rwanda	4
Burkina Faso	3
Sierra Leone	3
Australia	3
India	3
New Zealand	2
Switzerland	2
The Netherlands	2
Togo	2
Tunisia	2
Chad	1
China	1
Benin	1
England	1
Eritrea	1
Burundi	1
Italy	1
Sweden	1
Qatar	1
Papua New Guinea	1
Pakistan	1
Niger	1
Mauritania	1
London	1
Libya	1
Finland	1

Nationality	Nr of Publications
Israel	1
Ireland	1
Hungary	1
Guinea	1
Gambia	1
Gabon	1
Madagascar	1

TABLE 4.11 EXPERTS AND THEIR PUBLICATIONS

Surname	Initials	Country Working	Nr of Pub. equivalents	Nr of Publications
Waghid	Y	South Africa	55.4	62
Lategan	LOK	South Africa	37.0	47
Teferra	D	USA	24.8	29
Subotzky	GI	South Africa	24.7	34
Strydom	AHK	South Africa	23.3	40
Jansen	JD	South Africa	22.3	25
Hay	HR	South Africa	22.3	34
Le Grange	LLL	South Africa	19.1	28
Nafukho	FM	USA	18.3	25
Bitzer	EM	South Africa	18.3	27
Fourie	M	South Africa	18.2	32
Aluede	OO	Nigeria	16.6	31
Ogunrombi	SA	Nigeria	16.2	23
Gravett	SJ	South Africa	13.8	19
Muller	JP	South Africa	13.1	18
Jacobs	GJ	South Africa	12.8	16
Magagula	CM	Swaziland	12.5	14
Cooper	DM	South Africa	12.0	14
Assie-Lumumba	NT	USA	11.8	14
Zezeza	PT	USA	11.5	14
Mammen	KJ	South Africa	11.5	12
McLean	M	South Africa	11.3	13
Parekh	A	South Africa	11.3	15
Schulze	S	South Africa	11.0	14
Sawyer	A	Ghana	11.0	12
Higgs	P	South Africa	10.9	16

Surname	Initials	Country Working	Nr of Pub. equivalents	Nr of Publications
Lebeau	Y	UK	10.7	13
Badu	EE	Ghana	10.5	11
Luckett	KM	South Africa	10.3	13
Huysamen	GK	South Africa	10.0	12
Munene	II	USA	10.0	11
Mwamwenda	TS	South Africa	10.0	10
Cloete	N	South Africa	9.7	22
Alidou	OD	USA	9.3	11
Henning	EM	South Africa	9.2	12
Adebayo	EL	Nigeria	9.0	11
Oduaran	AB	Botswana	8.8	11
Kraak	A	South Africa	8.5	10
Gwele	NS	South Africa	8.4	12
Mayanja	MK	Uganda	8.3	10
Van Wyk	B	South Africa	8.3	10
Ruth	DW	New Zealand	8.1	9
Banya	K	USA	8.0	9
Koch	E	South Africa	7.7	10
Alemna	AA	Ghana	7.7	10
Muula	AS	Malawi	7.7	13
Otieno	W	Kenya	7.3	9
Koen	C	South Africa	7.2	9
Holtzhausen	SM	South Africa	7.1	13
Mwiria	K	Kenya	6.8	9
Effah	P	Ghana	6.5	8
Saint	W	Kenya	6.3	7
Van der Westhuizen	LJ	South Africa	6.3	12
Pretorius	EJ	South Africa	6.0	7
Smah	SO	Nigeria	6.0	6
Dlamini	CRM	South Africa	6.0	6
Singh	P	South Africa	6.0	6
Bouhey	C	South Africa	6.0	6
Monnapula-Mapesela	MLE	South Africa	5.8	7
Abareh	HM	Nigeria	5.8	7
Santally	M	Mauritius	5.5	10
Agboola	AT	Nigeria	5.5	6
Killen	R	Australia	5.5	8
Amos	TL	South Africa	5.5	6

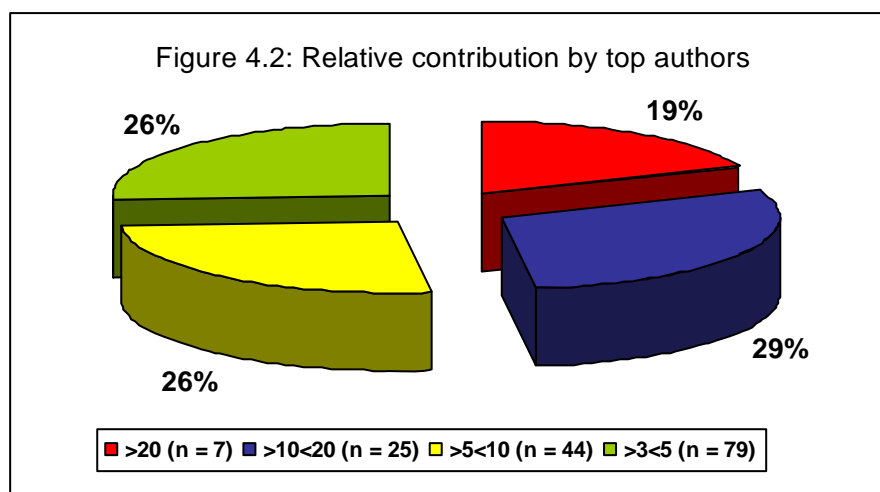
Surname	Initials	Country Working	Nr of Pub. equivalents	Nr of Publications
Ntshoe	IM	South Africa	5.5	6
Bawa	AC	USA	5.5	6
Kruss	G	South Africa	5.3	7
Shabani	J	Zimbabwe	5.3	6
Mabizela	M	South Africa	5.3	6
Breier	M	South Africa	5.3	8
Buchner	J	South Africa	5.2	7
Mji	A	South Africa	5.2	7
Kulati	T	The Netherlands	5.2	8
Altbach	PG	USA	5.0	8
Kumar	KL	Botswana	5.0	6
Goduka	IN	USA	5.0	5
Mutula	SM	Botswana	4.9	8
Oduwole	AA	Nigeria	4.8	7
Mkude	DJ	Tanzania	4.8	7
Alt	H	South Africa	4.8	9
Babalola	JB	Nigeria	4.8	6
Cilliers	CD	South Africa	4.7	8
Miller	R	South Africa	4.7	6
Kasozi	ABK	Uganda	4.5	5
Okebukola	PAO	Nigeria	4.5	8
Wandiga	SO	Kenya	4.5	5
Nawe	J	Tanzania	4.5	6
Cosser	MC	South Africa	4.4	7
Obanya	P	Senegal	4.3	5
Adekanmbi	G	Botswana	4.3	6
Otaala	B	Namibia	4.3	6
Asgedom	A	Ethiopia	4.3	7
Myburgh	CPH	South Africa	4.2	10
Boubekeur	F	Algeria	4.1	5
FAWE		Unknown	4.0	4
Jibril	MM	Nigeria	4.0	4
Guedegbe	CM	Côte d'Ivoire	4.0	4
Brock-Utne	B	Norway	4.0	4
Aina	LO	Botswana	4.0	6
Kaunda	L	South Africa	4.0	4
Ifidon	BI	Nigeria	4.0	4
Osman	R	South Africa	4.0	6

Surname	Initials	Country Working	Nr of Pub. equivalents	Nr of Publications
Hopkin	AG	Botswana	4.0	5
Ishengoma	JM	USA	4.0	4
Pereira	C	Nigeria	4.0	4
Ngcongco	RP	South Africa	4.0	4
Simui	MH	Zambia	4.0	5
Oketch	M	USA	4.0	4
Okeke	PE	Canada	4.0	4
Ngwe	L	France	4.0	4
Nur-Awaleh	MA	USA	4.0	5
Mbali	C	South Africa	4.0	4
Kapp	CA	South Africa	3.8	7
Alutu	ANG	Nigeria	3.8	6
Olorunsola	R	Nigeria	3.8	6
Moja	T	USA	3.8	8
Sall	E	Senegal	3.7	5
Imenda	SN	South Africa	3.7	7
Levey	LA	Unknown	3.6	6
Mouton	J	South Africa	3.6	6
Aguolu	IE	Nigeria	3.5	4
Orivel	F	France	3.5	5
Boateng	K	Ethiopia	3.5	4
Wessels	JS	South Africa	3.5	4
Geyser	H	South Africa	3.5	7
Van Wyk	CK	South Africa	3.5	4
Mashile	EO	South Africa	3.5	4
Marama	ID	Nigeria	3.5	5
Braimoh	D	Lesotho	3.5	5
Luhanga	ML	Tanzania	3.5	5
Afemikhe	OA	Nigeria	3.4	7
Oni	B	Nigeria	3.3	4
Otunga	RN	Kenya	3.3	5
Balogun	SK	Nigeria	3.3	7
Mohamedbhai	G	Mauritius	3.3	4
Uys	LR	South Africa	3.2	7
Amuwo	K	Nigeria	3.0	3
Lelo	M	Democratic Republic of Congo	3.0	3
Adeyemi	JK	Nigeria	3.0	3
Ajidahun	CO	Nigeria	3.0	3

Surname	Initials	Country Working	Nr of Pub. equivalents	Nr of Publications
Orodho	JA	Kenya	3.0	3
Higgs	LG	South Africa	3.0	5
Useem	A	Unknown	3.0	3
Gaidzanwa	RB	Zimbabwe	3.0	3
Kiondo	E	Tanzania	3.0	3
Ehikhamenor	FA	Nigeria	3.0	3
Nji	A	Cameroon	3.0	3
Samoff	J	USA	3.0	4
Ngware	MW	Kenya	3.0	4
Craig	AP	South Africa	3.0	3
Bagayoko	D	USA	3.0	3
Barkhuizen	GP	New Zealand	3.0	3
Manda	PA	Tanzania	3.0	3
Mazawi	AE	Israel	3.0	3
Ekhaguere	GOS	Nigeria	3.0	3

Closer inspection of the data on experts shows the typically skewed distribution which one finds in most cases where scientific production is concerned. In this case, there are 155 authors in Table 4.10 who have produced 3 or more publication equivalents. The remaining 1 270 authors produced less than 3 publication equivalents. A further analysis of the 155 experts in the Table is presented in Figure 4.2 below.

This breakdown shows that there are 7 experts who produced more than 20 publication equivalents and this constitutes 19% of the total production of those who produced more than 3 publication equivalents. This group is followed by a group of 25 who produced between 10 and 20 publication equivalents constituting 29% of overall production. 44 individuals produced between 5 and 10 publication equivalents in this period – this constitutes 26% of this publication output. And finally, we find that there are 79 individuals who produced between 3 and 5 publication equivalents and this also constitutes 26% of the total output above 3 publication equivalents.



In the following tables we look at how expertise is distributed across the main categories and who are the main “knowledge producers’ in these areas. Tables 4.12 – 4.14 present these distributions by main category.

TABLE 4.12 TOP PRODUCERS IN POLICY

Surname	Initials	Nr of Equivalent	Nr of Publications
Waghid	Y	37.2	41
Teferra	D	22.3	24
Subotzky	GI	21.9	29
Lategan	LOK	18.6	21
Fourie	M	14.5	24
Muller	JP	12.0	15
Jansen	JD	10.3	11
Le Grange	LLL	10.2	14
Strydom	AHK	8.8	14
Sawyer	A	8.5	9
Cooper	DM	8.5	9
Zezeza	PT	8.0	9
Higgs	P	7.7	10
Assie-Lumumba	NT	7.5	9
Koen	C	7.2	9
Parekh	A	7.0	8
Banya	K	7.0	8
Dlamini	CRM	6.0	6
Kraak	A	6.0	7
Alidou	OD	6.0	7
Cloete	N	5.8	11
Hay	HR	5.7	10
Mabizela	M	5.3	6
Saint	W	5.3	6
Bitzer	EM	5.2	7
Van der Westhuizen	LJ	5.1	9
Mayanja	MK	5.1	6
Ntshoe	IM	5.0	5
Mwiria	K	5.0	6
Nafukho	FM	5.0	6
Otieno	W	4.8	6
Babalola	JB	4.8	6
Munene	II	4.5	5

Surname	Initials	Nr of Equivalentents	Nr of Publications
Luckett	KM	4.5	5
Bawa	AC	4.5	5
Lebeau	Y	4.2	6
Oduaran	AB	4.0	5
Goduka	IN	4.0	4
Guedegbe	CM	4.0	4
Effah	P	3.5	4
Kasozi	ABK	3.5	4
Kruss	G	3.5	4
Mouton	J	3.1	5
Oketch	M	3.0	3
Amuwo	K	3.0	3
Singh	P	3.0	3
Mohamedbhai	G	3.0	3
Obanya	P	3.0	3
Useem	A	3.0	3
Ishengoma	JM	3.0	3
Magagula	CM	3.0	3
Asgedom	A	3.0	5
Ekhaguere	GOS	3.0	3
Wandiga	SO	3.0	3
Alt	H	3.0	5

TABLE 4.13 TOP PRODUCERS IN TEACHING AND SCHOLARSHIP

Surname	Initials	Nr of Equivalentents	Nr of Publications
Waghid	Y	16.0	17
Ogunrombi	SA	13.3	19
McLean	M	11.3	13
Gravett	SJ	10.3	14
Mammen	KJ	9.5	10
Hay	HR	9.3	15
Bitzer	EM	9.0	12
Mwamwenda	TS	9.0	9
Aluede	OO	9.0	17
Nafukho	FM	8.8	12
Gwele	NS	8.4	12
Schulze	S	8.0	11

Surname	Initials	Nr of Equivalentents	Nr of Publications
Huysamen	GK	8.0	9
Koch	E	7.7	10
Magagula	CM	7.5	9
Jansen	JD	7.5	8
Henning	EM	7.2	10
Muula	AS	7.2	12
Ruth	DW	7.0	7
Le Grange	LLL	6.3	9
Pretorius	EJ	6.0	7
Lategan	LOK	5.9	10
Luckett	KM	5.8	8
Alemna	AA	5.7	7
Abareh	HM	5.5	6
Mji	A	5.2	7
Killen	R	5.0	7
Kumar	KL	5.0	6
Jacobs	GJ	4.8	7
Miller	R	4.7	6
Munene	II	4.5	5
Badu	EE	4.5	5
Cilliers	CD	4.2	7
Holtzhausen	SM	4.1	8
Boughey	C	4.0	4
Amos	TL	4.0	4
Kaunda	L	4.0	4
Mbali	C	4.0	4
Lebeau	Y	4.0	4
Oduwole	AA	3.8	5
Buchner	J	3.8	5
Oduaran	AB	3.5	4
Marama	ID	3.5	5
Adebayo	EL	3.5	4
Van Wyk	CK	3.5	4
Uys	LR	3.2	7
Mayanja	MK	3.2	4
Barkhuizen	GP	3.0	3
Manda	PA	3.0	3
Mashile	EO	3.0	3

Surname	Initials	Nr of Equivalentents	Nr of Publications
Simui	MH	3.0	3
Smah	SO	3.0	3
Bagayoko	D	3.0	3
Hopkin	AG	3.0	4
Ehikhamenor	FA	3.0	3
Smit	JJA	3.0	7

TABLE 4.14 TOP PRODUCERS IN LEADERSHIP AND MANAGEMENT

Surname	Initials	Nr of Equivalentents	Nr of Publications
Aluede	OO	6.1	10
Badu	EE	6.0	6
Adebayo	EL	5.5	7
Hay	HR	5.0	6
FAWE		4.0	4
Jansen	JD	3.5	5
Lategan	LOK	3.0	3
Ifidon	BI	3.0	3
Agboola	AT	3.0	3
Schulze	S	3.0	3
Pereira	C	3.0	3

Our final analyss classified all publications into three “new” categories. We were interested to establish how many of the publications address issues related to the relationship between universities and matters concerning development. For this purpose, we created a threefold classification:

- HE and institutional development or transformation
- HE and socio-economic development: the link between universities and issues of socio-economic growth, development, responsibility and so on.
- HE and political “development”: the relationship between universities and the polity and related issues of citizenship, autonomy, power and so on.

Out of the total number of 3240 publications in the database, slightly more than 150 were judged to address these issues (on a very “liberal” interpretation of the notion of “development”). Of these 157 publications 88 were classified under the category of “institutional development”, 38 as relating to “political development” and 31 to “socio-economic development”. Table 4.15 presents a list of the publications classified into these three categories.

TABLE 4:15: PUBLICATIONS CATEGORIZED ACCORDING TO THE HE AND DEVELOPMENT MAIN CATEGORIES

HE and Development	Publication Title	Publication Source/ Journal	Pubdate	Publication type	Authors	Editors
Institutional development	On the current state of the student movement in the Niger Republic	A Thousand Flowers: Social Struggles Against Structural Adjustment in African Universities pp. 221-230	2000	Chapter in book	OD Alidou	S Federici; G Caffentzis; O Alidou
Institutional development	Rethinking higher education transformation in terms of an African(a) philosophy	Med. Supervisor Y Waghid, South African Journal of Higher Education 18(3) 2004	2004	Thesis	E Nakusera	
Institutional development	Institutional response to sexual harassment: a case study of the National University of Lesotho		1997	Other	M Mapetla	
Institutional development	Institutional transformation at South African universities: Implications for academic staff	Higher Education, 38(3):275-290	1999	Journal article	M Fourie	
Institutional development	Introduction: Democracy, curriculum and transformation	Imaginaries on democratic education and change pp. 83-86	2004	Chapter in book	LLL le Grange	Y Waghid; LLL Le Grange
Institutional development	Knowledge and the limits to institutional restructuring: the case of South African higher education	Journal of Education, 30: 101-126	2003	Journal article	JP Muller	
Institutional development	Leadership and Institutional Change in Higher Education		1999	Book/monograph		Cloete; Kulati; Phala
Institutional development	Leadership in Academic Institutions	Accra, Ghana: National Council for Tertiary Education	2003	Research report	P Effah	
Institutional development	Makerere challenges the label of 'stagnant' institution	The Educational Magazine: Journal of Education, 3(2)	2001	Journal article	MG Nakabugo	
Institutional development	Makerere University in Transition, 1993-2000: Opportunities and Challenges		2003	Book/monograph		N Musisi; NK Muwanga

HE and Development	Publication Title	Publication Source/ Journal	Pubdate	Publication type	Authors	Editors
Institutional development	Management Styles and Equitable Access: The “Us” and “Them” Malaise in Nigerian Universities”	Accra, Ghana: Association of African Universities, List of Research reports: University Management for quality & equitable access. Published as Research Paper No. 11		Research report	EE Ekong	
Institutional development	Managing University Crises		2000	Book/monograph		TSA Mbwette; AGM Ishumi
Institutional development	Improving Management and Governance to Facilitate Stability and Change in African Universities	Background paper for the Joint AAU/DAE Colloquium on the University in Africa in the 1990s and Beyond, Lesotho. Accra, Ghana: Association of African Universities.	1995	Research report	RB Gaidzanwa	
Institutional development	Moving towards uncertainty: higher education restructuring in South Africa	International Higher Education, 32	2003	Journal article	C Koen	
Institutional development	How Mergers Shape the Institutional Curriculum	Education and Change, 7(2): 3-19	2003	Journal article	JD Jansen	
Institutional development	Organizational changes at the University of Zambia	Open Learning, 12(3): 57–61	1997	Journal article	R Siaciwena	
Institutional development	Politics of Participatory Decision-Making in Campus Governance: A Critical Look at Kenyan Public Universities	Accra, Ghana: Association of African Universities, List of Research reports: University Management for quality and Equitable access. Published as Research Paper No. 14	1999	Research report	AT Obondoh; TM Adala; MA Amoth	
Institutional development	Preparing the way for mergers in South African higher and further education institutions: an investigation into staff perceptions	Higher Education (Special Issue on Merger Revisited: International Perspectives on Mergers in Higher Education): 115-131	2002	Journal article	D Hay; M Fourie	
Institutional development	Quality assurance in a transforming university system; Lessons and challenges		2002	Book/monograph		H Griesel; AHK Strydom; LJ Van der Westhuizen
Institutional development	Rebuilding the University of Liberia in the Midst of War	International Higher Education 8	1997	Journal article	PLN Seyon	

HE and Development	Publication Title	Publication Source/ Journal	Pubdate	Publication type	Authors	Editors
Institutional development	Reflections on curriculum and institutional reform at the University of Dar es Salaam	Knowledge Identity and Curriculum Transformation in Africa	1997	Chapter in book	DJ Mkude	N Cloete; J Muller; MW Makgoba; D Ekong
Institutional development	Reforming a National System of Higher Education The Case of Cameroon	ADEA Working Group on Higher Education	1999	Research report	DL Njeuma, HN Endeley, FF Mbuntum; N Lyonga; DL Nkweteyim; S Musenja; E Ekanje	
Institutional development	Regional consortia, partnerships, mergers and their implications for the transformation of the South African higher education system.	South African Journal of Higher Education	2000	Journal article	J Reddy	
Institutional development	Response to the Task Team of the Council on Higher Education: a macro-level perspective: the discussion paper on the size and shape of higher education.	Perspectives in Education, 18(3):166-174	2000	Journal article	J Reddy	
Institutional development	Restore, Reform but do not Transform: The Gender Politics of Higher Education in Africa	Journal of Higher Education in Africa, 1(1):101-125	2003	Journal article	A Mama	
Institutional development	Rethinking and re-imagining mergers in further and higher education: a human perspective	South African Journal of Higher Education, 18 (1):185 – 201	2004	Journal article	CA Kapp; A van Wyngaard	
Institutional development	Mergers in South African Higher Education: Theorising change in transitional contexts	Politikon, 30(1): 27-50	2003	Journal article	JD Jansen	
Institutional development	Critical Perspectives on the Crises, Planned Change, and the Prospects for Transformation in African Higher Education	Journal of Higher Education in Africa, 3(3):1–29	2005	Journal article	NT Assié-Lumumba	
Institutional development	A conceptual analysis of transformation at three South African universities in relation to the National Plan for Higher Education	Promoter (Y Waghid)	2004	Thesis	B van Wyk	
Institutional development	Academic Dilemmas Under Neo-Liberal Education Reforms: A Review of Makerere University, Uganda	African Universities in the Twenty-first Century Volume I: Liberalisation and Internationalisation Part I, Chapter 6	2004	Chapter in book	QO Obong	PT Zeleza; A Olukoshi
Institutional development	Accounting for change: the micropolitics of university restructuring. Part three, Global pressures, local responses	South African Journal of Higher Education, 15 (3):32-38	2001	Journal article	A Parekh; T Gibbon; A Habib; JD Jansen	

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Institutional development	Accounting for Change: The Micropolitics of University Restructuring. Part Two: changing structures, contesting identities	South African Journal of Higher Education, 15(1):40-46	2001	Journal article	A Parekh; T Gibbon; A Habib; JD Jansen	
Institutional development	African Universities in Crisis: The Political Economy of Violence in African Educational Systems	African Studies Review, 45(2):1-26	2002	Journal article	FB Nyamnjoh; NB Jua	
Institutional development	Capacity Building and Institutional Development in Higher Education in Kenya		1997	Book/monograph		SO Wandiga
Institutional development	Challenges for higher education transformation in South Africa: integrating the local and the global	South African Journal of Higher Education, 16(1): 67-73	2002	Journal article	LLL Le Grange	
Institutional development	Challenges to traditionally white universities: affirming diversity in the curriculum	South African Journal of Higher Education, 10(1):27-39	1996	Journal article	IN Goduka	
Institutional development	Change And Transformation In Ghana's Public Universities	Study prepared for AAU/ADEA	2002	Research report	T Manuh; J Budu; S Gariba	
Institutional development	Changing research cultures? South African universities and global trends - Introduction: Comments on the 'Market' and/or 'Development' university with respect to UCT discussions on 'Changing research cultures'	Social dynamics, 23(1):23-41	1997	Journal article	DM Cooper	
Institutional development	CONFLICT RESOLUTION AND MANAGEMENT: THE ROLE OF AFRICAN HIGHER EDUCATION INSTITUTIONS	PROCEEDINGS OF A SEMINAR ON AFRICAN DAY SCIENCES DAY HELD AT THE UNIVERSITY OF SWAZILAND, KWALUSENI, SWAZILAND, 15TH NOVEMBER.	2002	Conference proceedings	CM Magagula	
Institutional development	Institutional governance of higher education in transition: a South African perspective	Ph.D. thesis) Bloemfontein: University of the Orange Free State	1996	Thesis	M Fourie	
Institutional development	Côte d'Ivoire Reforms Higher Education	International Higher Education	1997	Journal article	RJ Palmeri	

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Institutional development	Mergers in Higher Education: Lessons learned in transitional contexts		2002	Book/monograph		JD Jansen; Doctoral students
Institutional development	Curriculum design and implementation of courses in Philosophy of Education at the undergraduate and postgraduate Level	Centre for Science Development (HSRC) Project Report. Pretoria	1997	Research Report	P Higgs	
Institutional development	Curriculum Restructuring in Higher Education in Post-apartheid South Africa		2001	Book/monograph		M Breier
Institutional development	Developing Institutional Strategies to Address Race and Gender Discrimination in Higher Education in South Africa	Report commissioned by the National Commission on Higher Education (NCHE)	1996	Research report	A Parekh; C de la Rey; V Tanga; C Sutherland	
Institutional development	Emerging approaches to leadership and institutional change at a South African higher education institution	MEd (Education) University of the Witwatersrand; School of Education	2005	Thesis	T Kulati	
Institutional development	Exploring Institutional Collaboration and Mergers in Higher Education		2001	Book/monograph		P Kotecha; G Harman
Institutional development	From Massification to Mergers: South African Higher Education, 1994-2004	The State of the Nation	2003	Chapter in book	JD Jansen	A Habib; J Daniel; R Southall
Institutional development	Gender perspectives in the transformation of African: Challenges to the African university	UNESCO, Women in higher education in Africa	1995	Other	K Nammudu	
Institutional development	Higher Education in Africa: Crises, Reform and Transformation		Forthcoming	Book/monograph		NT Assie-Lumumba
Institutional development	Higher education in South Africa ten years after democracy: some reflections	The Social Sciences in South Africa since 1994: Disciplinary and transdisciplinary areas of study	2004	Chapter in book	M Letseka	F Hendricks
Institutional development	Higher Education Reforms in Africa. The University of Dar es Salaam Experience		2003	Book/monograph	DJ Mkude	ML Luhanga; DJ Mkude

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Institutional development	Higher Education Restructuring and Transformation: Guidelines for Mergers and Incorporations	Department of Education	2003	Other	A Parekh	
Institutional development	Conflict Resolution in Higher Education in a Globalising Africa: The case of moral authority and leadership integrity in Management of Universities	Codesria Bulletin, Vol 3&4:17	2001	Other	EM Aseka	
Institutional development	Transformation in Higher Education: Global Pressures and Local Realities		2002	Book/monograph		N Cloete; P Maassen; R Fehnel; T Moja; T Gibbon; H Perold
Institutional development	Transforming South Africa's university system: the case for strategic merger	Perspectives In Education, 18 (3):39-51	2000	Journal article	A Parekh; A Habib	
Institutional development	The adjustment of curricula in veterinary faculties in sub-Saharan Africa	Rev. sci. tech. Off. int. Epiz, 23 (1):383-390	2004	Journal article	R de Deken; MJ Obwolo; E Thys; S Geerts	
Institutional development	Transforming Higher Education in South Africa: A New approach to Governance	Journal of the Association of African Studies Issue: A Journal of Opinion, 24(1)	1996	Journal article	T Moja; N Cloete	
Institutional development	The role of mergers in the restructuring of further education and training in South Africa	Vital Millennium Edition, 14(1): 22–26	2000	Journal article	HR Hay	
Institutional development	The Crisis of Governance in Kenya's Public Universities: Reflection on National Politics and Institutional Decline	Education and National Development in Southern Africa pp.41-51	1996	Chapter in book	II Munene	PT Marope; S Weeks
Institutional development	The development of facilitators as a prerequisite to the successful transformation of educational change	South African Journal of Higher Education, 12(3):33-37	1998	Journal article	SM Holtzhausen	
Institutional development	The Dilemma of Post-Colonial Universities. Elite Formation and the Restructuring of Higher Education in sub-Saharan Africa		2000	Book/monograph		Y Lebeau; M Ogunsanya

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Institutional development	The "UDSM 2000" institutional transformation programme at the University of Dar es Salaam: Concept, status, experiences and perspectives for the future	Dar es Salaam: Development of African Education, Working group for higher education	1996	Other	PN Materu; YS Mbwette; R Sauer	
Institutional development	The future role and Mission of African Higher Education: Preparing for the 21 st Century and Beyond	South African Journal of Higher Education, 10 (2): 5-12	1996	Journal article	NT Assie-Lumumba	
Institutional development	The Changing Face of Redress in South African Higher Education: 1990 - 2005	Journal of Higher Education in Africa, 3(3): 31-56	2005	Journal article	T Moja; FM Hayward	
Institutional development	Transformation in Higher Education: Global Pressures and Local Realities		2006	Book/monograph		N Cloete; P Maassen; R Fehnel; T Moja; T Gibbon; H Perold
Institutional development	The impact of educational policy reforms on the distribution of educational outcomes in developing countries: The case of Botswana	International Journal of Educational Development, 16(2):157-171(15)		Journal article	PTM Marope	
Institutional development	Transformation and institutional quality management within a South African university. A case study of the university of the Orange Free State		2000	Book/monograph		AHK Strydom; S Holthausen
Institutional development	The University of Botswana as a Learning Organization: The Challenges of fostering Change	Research and Development in Higher Education, 28	2005	Journal article	IN Obasi; B Motshegwa	
Institutional development	The transformation of South African universities	South African Journal of Higher Education, 9(1) 39-46	1995	Journal article	CRM Dlamini	
Institutional development	The Tanzanian Experience in Initiating And Sustaining Tertiary Education Reforms	A case study prepared for a Regional Training Conference on Improving Tertiary Education in Sub-Saharan Africa: Things That Work! Accra, 23-25 September	2003	Other	ML Luhanga	
Institutional development	The strategic issue of higher education restructuring towards a new institutional landscape on a regional basis Free State/Northern Cape as central regional of SA	Bloemfontein: UOFS. 30 pp	2002	Research report	AHK Strydom	

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Institutional development	The Significance Of Higher Education In Education Reform In Africa – The Fawe Experience	Women And Higher Education In Africa: Engendering Human Capabilities And Upgrading Human Rights To Schooling	2003	Chapter in book	P Mlama	NT Assie-Lumumba
Institutional development	The engaged manager: a discussion on the role of a dean as an academic manager		2002	Other	LOK Lategan	
Institutional development	Strategic Planning and Higher Education Management in Africa. The University of Dar es Salaam Experience		2003	Book/monograph	DJ Mkude	ML Luhanga; DJ Mkude
Institutional development	Institutional governance of higher education in transition: a South African perspective	International Journal of Educational Development, 18(1):73-74	1998	Journal article	M Fourie	
Institutional development	Shared governance and leadership in Sub-Saharan African universities: Experiences from Mzuzu university, Malawi, and Amud university, Somaliland	African Development, 30 (1 & 2):1-19	2005	Journal article	M Nur-Awaleh; D Mtegha	
Institutional development	CONFLICT RESOLUTION AND MANAGEMENT: THE ROLE OF AFRICAN HIGHER EDUCATION INSTITUTIONS	AFRICAN SYMPOSIUM: AN ON-LINE EDUCATIONAL RESEARCH JOURNAL, 3(1)	2003	Journal article	CM Magagula	
Institutional development	Staff development needs of academics in merging higher and further education institutions in South Africa	Towards the Global University II: Redefining excellence in the Third Millennium, University of Central Lancashire	2000	Conference proceedings	D Hay; M Fourie; J Hay	M Abramson
Institutional development	Strategic institutional development in the South: A case study of Ho Polytechnic, Ghana.			Other	G Afeti	
Institutional development	Technikons and higher education restructuring	Comparative Education (U.K), Special Issue on South Africa, 31(2):243-260	1995	Journal article	DM Cooper	
Institutional development	Strategic Planning at Selected African Universities	Accra, Association of African Universities	1996	Research report	D Ekong; PR Plante	
Institutional development	Striking a balance between becoming entrepreneurial, nurturing the academic heartland and transforming a higher education institution	Higher Education Management, 13(3):65-84	2001	Journal article	F Fourie; M Fourie	

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Institutional development	Students' role in the Transformation of Higher Education	In Forum Proceedings of the South African Association for Institutional Research	1998	Conference proceedings	DJ Mkude	
Institutional development	Sustaining Home-Grown Innovations in Higher Education in Sub-Saharan Africa: A Critical Reflection	Journal of International Cooperation in Education, 7(1)	2004	Journal article	NT Assie-Lumumba	
Institutional development	Transforming university culture to enhance women education in Uganda . Report on Gender Awareness Week (26 th –31 st March 2001). Nairobi: FAWE		2001	Other	FAWE	
Institutional development	Universities responding to policy: Organisational change at the University of Namibia	Higher Education, 45(3):353-374(22)	2003	Journal article	R Kirby-Harris	
Institutional development	University Education in Uganda. Challenges and Opportunities for Reform		2003	Book/monograph	ABK Kasozi	ABK Kasozi
Political development	Crisis and student protest in universities in Kenya: Examining the role of students in national leadership and the democratization process.	African Studies Review, 45(2):157-178	2002	Journal article	MN Amutabi	
Political development	Higher Education Research and Innovation	Higher Education and Development: Reflecting on the Challenges, Compiled by Trish Gibbon, CHET Publication Series (2005), Cape Town, South Africa	2005	Conference proceedings	AC Bawa	
Political development	The Role of Universities in Africa in the knowledge Explosion Era	Conference Proceedings of the 15th Annual Meeting Association of Third World Studies, Inc. Central Connecticut State University Hartford, Connecticut, 9-11 October	1998	Conference proceedings	FM Nafukho	WM Jones; N Shumaker
Political development	Harnessing innovation potential? Institutional approaches to industry-higher education partnerships in South Africa	Industry and Higher Education, 131-142	1995	Journal article	G Kruss	
Political development	Globalised and contextualised knowledge: allies or adversaries?	South African Journal of Higher Education, 16(1)	2002	Journal article	SM Holtzhausen	

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Political development	Globalisation, changes in knowledge production and the transformation of higher education	Knowledge, Identity and Curriculum Transformation in Africa	1997	Chapter in book	A Kraak	N Cloete et al
Political development	Global Knowledge and the Information Society : Illusion or Reality for developing countries?	Proceedings of the International Conference on the Application of ICT in Enhancing Higher Learning Education, University of Dar-es-salaam. Tanzania, April pp. 8-19	2004	Conference proceedings	AJ Rodrigues; JM Wafula	
Political development	The role of Universities in the Transformation of Societies: The Nigerian Case Study	A Technical Report submitted To the Centre for Higher Education Research & Information (CHERI) The Open University, London (Unpublished)	2003	Other	A Gboyega; OA Atoyebi	
Political development	Engaging universities and society through teaching, research and community service	South African Journal of Higher Education, 13(2): 109-117	1999	Journal article	Y Waghid	
Political development	Changing Modes: New Knowledge Production and Its Implications for Higher Education in South Africa		2000	Book/monograph	A Kraak	A Kraak
Political development	African Universities in the Twenty-first Century. Volume II: Knowledge and Society		2004	Book/monograph		PT Zeleza; A Olukoshi
Political development	Alternatives to the entrepreneurial university: New modes of knowledge production in community service programs	Higher Education, 38 (4):401-440	1999	Journal article	G Subotzky	
Political development	What knowledge is of most worth for the millennial citizen?	New Knowledge Production and its Implications for Higher Education in South Africa pp.70 - 87	2000	Chapter in book	JP Muller	A Kraak
Political development	Citizenship and curriculum	Knowledge, Identity and Curriculum Transformation pp.181-201	1997	Chapter in book	JP Muller	N Cloete
Political development	Challenges for participatory action research and indigenous knowledge in Africa	Acta Academica, 33(3):136-150	2001	Journal article	LLL Le Grange	
Political development	African Universities and the Challenge of Knowledge Creation and Application in the New Century	AAU/CP/0002	2001	Research report	AL Ndiaye	

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Political development	The Public Roles of Universities in Africa	Overview paper for SSRC- AAU project on the Public Roles of Universities in Africa	2003	Research Report	R Kassimir; Y Lebeau; E Sall	
Political development	Complementing the marketization of higher education: New modes of knowledge production in community-higher education partnerships	Changing modes: New Knowledge Production and its Implications for Higher Education in South Africa	2000	Chapter in book	G Subotzky	A Kraak
Political development	Introduction: The Struggle for African Universities and Knowledges	African Universities in the Twenty-first Century. Volume I: Liberalisation and Internationalisation, Introduction	2004	Chapter in book	A Olukoshi; PT Zeleza	PT Zeleza; A Olukoshi
Political development	Service learning in the university curriculum: Partnerships in community education	South African Journal of Higher Education, 12(1):44-53	1998	Journal article	EM Henning	
Political development	Reappraising learning programmes and knowledge production in higher education in post-apartheid South Africa	South African Journal of Higher Education, 17(1):61-66	2003	Journal article	IM Ntshoe	
Political development	Postgraduate research supervision in a socially distributed knowledge system: some thoughts	South African Journal of Higher Education, 16(3): 50-57	2002	Journal article	LLL Le Grange; R Newmark	
Political development	Mode 2 knowledge and institutional life: Taking Gibbons on a walk through a South African university	Higher Education, 43: 507-521	2002	Journal article	JD Jansen	
Political development	Mode 2 knowledge and institutional life: Taking Gibbons on a walk through a South African university	Changing Modes: New Knowledge Production and its Implications for Higher Education in South Africa	2000	Chapter in book	JD Jansen	A Kraak
Political development	A civil society partnership in special education in a changing South Africa	International Journal of Special Education, 17(1):85-90	2002	Journal article	LLL le Grange; R Newmark	
Political development	Knowledge production and higher education transformation in South Africa: Towards reflexivity in university teaching research and community service	Higher Education, 43(4): 457-488	2002	Journal article	Y Waghid	
Political development	Knowledge and democracy	South African Journal of Higher Education, 13(1):18-30	1999	Journal article	AP Craig	

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Political development	Service learning in teacher education: an institutional model for an emerging practice	South African Journal of Higher Education, 17(1):105-111	2003	Journal article	J Castle; R Osman	
Political development	The influence of real-world community-located experiences on first-year medical students' performance in reflective writing	Medical Teacher, 27(2):150-154	2005	Journal article	AA Beylefeld; K Nena; EAM Prinsloo	
Political development	Internationalisation and Globalisation: A New Era for Higher Education	Report commissioned by the Centre for Higher Education Transformation	2000	Research report	A Parekh	
Political development	The Public Dimensions of the University in Africa	Journal of Higher Education in Africa, 1(1): 126-148	2003	Journal article	E Sall; Y Lebeau; R Kassimir	
Political development	How to Construct a Knowledge Society: The World Bank's New Challenges for Tertiary Education"	Journal of Higher Education in Africa, 2(3)	2004	Journal article	MM Jibril	
Political development	Knowledge Production and Curriculum Research Strategies in South Africa	Knowledge, Identity and Curriculum Transformation in Africa	1997	Chapter in book	AC Bawa	N Cloete; J Muller; MW Makgoba; D Ekong
Political development	The Public Good' in African Higher Education: Select Issues for Policy	Newsletter of the Social Science Academy of Nigeria, 5(1): 25-30	2002	Other	A Sawyerr	
Political development	Indigenous epistemologies: ways of knowing: affirming a legacy	South African Journal of Higher Education, 13(3):26-35	1999	Journal article	IN Goduka	
Political development	Innovation and responsiveness in higher education	Report commissioned by Centre for Higher Education Transformation, Pretoria, pp 14	2002	Research report	JP Muller	
Political development	The programme for Indigenous Knowledge Systems (IKS) and higher educational discourse in South Africa: a critical reflection	South African Journal of Higher Education, 16(3):38-49	2002	Journal article	P Higgs	
Political development	The Language of Africa-Centered Knowledge in South Africa: Universalism, Relativism and Dependency	National Identity and Democracy in South Africa pp.101-118	1999	Chapter in book	OD Alidou; AA Mazrui	M Palmberg

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Socio-economic development	Africanisation, Transformation and the Curriculum: The Imperatives of Relevance and Quality	Institutional Research : In Support of Transformation in Higher Education: Proceedings of the Fourth Annual Forum of the South African Association for Institutional Research (SAAIR), UNISA, Pretoria, pp.27-29 October	1997	Conference proceedings	E Ngara	
Socio-economic development	Meeting the dual demands of global competitiveness and redistributive development: Constraints and opportunities for the Historically Black Universities	Going for the Gap: Reconstituting the Educational Realm – Kenton pp.119-134	1998	Conference proceedings	G Subotzky	N Bak
Socio-economic development	Beyond the ivory tower: service learning for sustainable community development	South African Journal of Higher Education, 17(1):31-38	2003	Journal article	M Fourie	
Socio-economic development	Beyond the Entrepreneurial University: The Potential Role of South Africa's Historically Disadvantaged Institutions in Imperatives of Reconstruction and Development	International Review of Education, 45 (5-6):507-527	1999	Journal article	G Subotzky	
Socio-economic development	South African Higher Education and Social Transformation	Higher Education Digest, 4	2002	Journal article	N Cloete	
Socio-economic development	Academic Freedom and Social Responsibility: Reflections from the African Experience	Higher Education Policy, 15(4):375-380	2002	Journal article	F Rajaoson	
Socio-economic development	Structural Adjustment and the Emergence of Entrepreneurial Activities Among Moi University Students	Journal of Eastern African Research and Development, 26	1998	Journal article	FM Nafukho	
Socio-economic development	Pursuing both Global Competitiveness and National Redistributive Development: Implications and Opportunities for South Africa's Historically Black Universities	Social Dynamics 23.1 Centre for African Studies	1997	Journal article	G Subotzky	
Socio-economic development	University–Industry Relations in Nigeria	Universities in the Twenty-first Century Volume II: Knowledge and Society, Part IV, Chapter 16	2004	Chapter in book	MB Ebong	PT Zeleza; A Olukoshi

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Socio-economic development	Private sector participation in university development and management		2003	Book/monograph		P Okebukola; I Abdullahi; B Balogun; A Bankole
Socio-economic development	Relevance of Higher Education: The Point of View of the World of Work	Higher Education in Africa: Achievements, Challenges and Prospect	1998	Chapter in book	PN Fall	J Shabani
Socio-economic development	The role of universities in the transformation of societies.	An international research project. Synthesis report. CHERI/ACU. 72 p	2004	Research Report	J Brennan; Y Lebeau; R King	
Socio-economic development	University-industry partnership for effective industrialization: A framework for Ngumzo	Physica Scripta, T97(1): 56-59	2001	Journal article	AM Kinyua	
Socio-economic development	How responsive are South African Higher Education insitutions to regional needs? The case of the Free State	Interim, 3(2): 97-113	2004	Journal article	HR Hay; E Grimsley	
Socio-economic development	Addressing the Social Purpose of Higher Education: Enhancing Postgraduate Teaching, Research and Outreach through Service Learning in Community Partnerships	Partnerships Publication in the proceedings of the Second International Postgraduate Conference: Developing Research Capacity in Southern Africa Cape Town, 29-30 March	1999	Conference proceedings	G Subotzky	
Socio-economic development	Between adversaries and allies: The call for strategic science in post-apartheid South Africa	Society in transition	2001	Journal article	J Mouton	
Socio-economic development	Current status of research and development problems and management in higher education in Ethiopia	Addis Ababa: Addis Ababa University	1995	Other	E Bekele	
Socio-economic development	Educational Research for Sustainable Development		2003	Book/monograph		B Chilisa; L Mafela; J Preece
Socio-economic development	Educational development through the community college in a developing region of South Africa	Community College Journal of Research and Practice, 19(2)	1995	Journal article	AHK Strydom; EM Bitzer; KJ de Beer	

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Socio-economic development	Educating for socio-ecological change: Case studies of changing practice in South African Tertiary Institutions		2003	Book/monograph		IN Jenkin; LLL Le Grange; H Lotz; K Mabunda; K Madisakwane; T Makou; E Mphaphuli; E Neluvhalani; C Reddy; I Robottom
Socio-economic development	Educating for socio-ecological change: Case studies of changing practice in South African Tertiary Institutions		2000	Book/monograph		
Socio-economic development	Does the restructuring of higher education in an era of globalisation create space for communitarian liberalism?	South African journal of higher education, 16(1): 106-112	2002	Journal article	Y Waghid	
Socio-economic development	Overview: Cairo University and Egypt Alum: 20 Years of Cooperation in Aluminum Reduction The Minerals, Metals & Materials Society	JOM, 1 55(5):48-52(5)	2003	Journal article	S El-Raghy; Z Bassiony	
Socio-economic development	Structural Adjustment Programmes and the Emergence of Entrepreneurial Activities among Moi University Students	Journal of Eastern Africa Research and Development, 26:79-90	1996	Journal article	FM Nafukho	
Socio-economic development	The way forward through cooperative programmes: research and development perspectives		2001	Book/monograph		M Maharasoia; A Strydom ; L van der Westhuizen
Socio-economic development	Higher education, the social sciences, and national development in Nigeria	Prospects 30(3), 373-385	2000	Journal article	GI Nwaka	
Socio-economic development	Industry academic relations: an assessment of the linkages between a university and some enterprises in Nigeria	Technovation, 16(4):203-209+215(7)	1996	Journal article	TO Oyeibisi ; MO Ilori ; ML Nassar	
Socio-economic development	Maak universiteite nog saak? Spekulasies oor hul wetenskaps-, navorsings- en onderrigbydrae tot die samelewing (Do universities still matter? Speculations about their scientific, research and teaching-learning contributions to society)	Aambeeld, 29 (2):11-15	2001	Journal article	GJ Jacobs	

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Socio-economic development	Integrating university research, teaching and community service: a practice of greater social relevance	International Journal of Special Education, 15(2):46-64	2000	Journal article	CD Cilliers; Y Waghid	
Socio-economic development	The role of universities in the transformation of societies	An international research project. Synthesis report. CHERI/ACU. 72 p	2004	Research Report	J Brennan; Y Lebeau; R King	
Socio-economic development	Introduction: Globalisation and higher education restructuring in South Africa: moving towards distributive justice	South African Journal of Higher Education, 16(1): 5-8	2002	Journal article	LLL le Grange; Y Waghid	