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Evans School Policy Analysis and Research (EPAR)

**Higher Education in Africa Phase III Addendum:
Bibliometric Analysis Update**
EPAR Brief No. 230

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This addendum updates and expands our bibliometric analysis of world universities based on agricultural sciences and total citation counts as provided in Appendices 2 and 3 in EPAR Brief No. 230. We have included institution rankings from the top three highest producing countries in Sub-Saharan Africa (South Africa, Nigeria, and Kenya) as well as the United States, India, and China for international comparison. The analysis includes top-producing universities, research institutions, and national research networks.

Top Agricultural Sciences Citation Counts by Affiliation 2010-present (May 2013)			
Rank	Affiliation	Total Affiliation AGRI Citations	Pct of Total Country AGRI Citations
Worldwide Total AGRI Citations, 2010-present		590,374	
1	Chinese Academy of Sciences, China	7,769	
2	Universidade de Sao Paulo, Brazil	5,297	
3	Wageningen University and Research Centre, Netherlands	4,441	
4	University of California Davis, USA	4,275	
5	University of Florida, USA	4,238	
6	USDA Agricultural Research Service, USA	4,221	
7	China Agricultural University, China	4,027	
8	Universidada Estadual Paulista, Brazil	4,016	
9	Centre National de la Recherche Scientifique, France	3,623	
10	Russian Academy of Sciences, Russia	3,344	
Country Level Analysis:			
South Africa: Total AGRI Citations, 2010-present		7,581	
1	Universiteit Stellenbosch	1,212	16.0%
2	Universiteit van Pretoria	1,125	14.8%
3	University of Cape Town	1,007	13.3%
4	University of KwaZulu-Natal	956	12.6%
5	University of Witwatersrand	503	6.6%
6	Rhodes University	442	5.8%

EPAR's innovative student-faculty team model is the first University of Washington partnership to provide rigorous, applied research and analysis to the Bill and Melinda Gates Foundation. Established in 2008, the EPAR model has since been emulated by other UW Schools and programs to further support the foundation and enhance student learning.

NOTE: The findings and conclusions contained within this material are those of the authors and do not necessarily reflect positions or policies of the Bill & Melinda Gates Foundation.

Nigeria: Total AGRI Citations, 2010-present		3,882	
1	University of Ibadan	506	13.0%
2	University of Agriculture, Abeokuta	302	7.8%
3	Ahmadu Bello University	248	6.4%
4	University of Nigeria	230	5.9%
5	Federal University of Technology, Akure	218	5.6%
Kenya: Total AGRI Citations, 2010-present		1,951	
1	University of Nairobi	282	14.5%
2	International Centre of Insect Physiology and Ecology Nairobi	197	10.1%
3	International Livestock Research Institute Nairobi	181	9.3%
4	Kenya Agricultural Research Insitute	180	9.2%
5	World Agroforestry Centre Nairobi	132	6.8%
United States: Total AGRI Citations, 2010-present		132,615	
1	University of Florida	4,182	3.2%
2	University of California Davis	4,168	3.1%
3	USDA Agricultural Research Service	4,138	3.1%
4	Cornell University	2,857	2.2%
5	University of Wisconsin-Madison	2,389	1.8%
6	North Carolina State	2,386	1.8%
7	Texas A&M	2,377	1.8%
8	Michigan State	2,330	1.8%
9	Oregon State	2,275	1.7%
10	University of California Berkeley	2,274	1.7%
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50	Washington State University	900	0.7%
India: Total AGRI Citations, 2010-present		27,959	
1	Indian Agricultural Research Institute	1,003	3.6%
2	Punjab Agricultural University India	570	2.0%
3	Banaras Hindu University	471	1.7%
4	Indian Veterinary Research Institute	451	1.6%
5	CCS Harvana Agricultural University	417	1.5%
China: Total AGRI Citations, 2010-present		69,840	
1	Chinese Academy of Sciences	7,602	10.9%
2	China Agricultural University	3,973	5.7%
3	Graduate University of Chinese Academy of Sciences	3,270	4.7%
4	Zhejiang University	2,685	3.8%

5	Chinese Academy of Agricultural Sciences	2,564	3.7%
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Top Total Citation Counts by Affiliation 2010-present (May 2013)			
Rank	Affiliation	Total Affiliation Citations	Pct of Total Country Citations
Worldwide Total Citations, 2010-present		7,883,730	
1	Chinese Academy of Sciences, China	55,365	
2	Universidade de Sao Paulo, Brazil	35,742	
3	University of Toronto, Canada	33,533	
4	Zhejiang University, China	33,399	
5	Tsinghua University, China	32,578	
6	Russian Academy of Sciences, Russia	31,414	
7	University of Tokyo, Japan	30,370	
8	Centre National de la Recherche Scientifique, France	28,489	
9	Shanghai Jiaotong University, China	28,200	
10	University of Oxford, England	26,951	
Country Level Analysis			
South Africa: Total Citations, 2010-present		42,172	
1	University of Cape Town	6,540	15.5%
2	University of Witwatersrand	5,095	12.1%
3	Universiteit Stellenbosch	4,840	11.5%
4	Universiteit van Pretoria	4,258	10.1%
5	University of KwaZulu-Natal	3,929	9.3%
Nigeria: Total Citations, 2010-present		16,275	
1	University of Ibadan	2,022	12.4%
2	University of Nigeria	1,295	8.0%
3	Obafemi Awolowo University	990	6.1%
4	Ahmadu Bello University	970	6.0%
5	University of Benin	844	5.2%
Kenya: Total Citations, 2010-present		5,670	
1	University of Nairobi	979	17.3%
2	Kenya Medical Research Institute	661	11.7%
3	International Livestock Research Institute Nairobi	327	5.8%
4	Moi University	306	5.4%
5	Kenyatta University	295	5.2%

United States: Total Citations, 2010-present		1,773,376	
1	Veterans Affairs Medical Centers	24,035	1.4%
2	University of California Berkeley	22,674	1.3%
3	Harvard Medical School	22,418	1.3%
4	University of Wisconsin Madison	21,423	1.2%
5	Stanford University	21,068	1.2%
6	Massachusetts Institute of Technology	21,067	1.2%
7	University of California San Diego	21,062	1.2%
8	University of Florida	20,565	1.2%
9	University of California Los Angeles	20,477	1.2%
10	University of Pennsylvania	19,984	1.1%
India: Total Citations, 2010-present		297,411	
1	Indian Institute of Science	6,340	2.1%
2	Indian Institute of Technology, Kharagpur	5,169	1.7%
3	Bhabha Atomic Research Centre	5,059	1.7%
4	Indian Institute Of Technology, Delhi	4,679	1.6%
5	Jadavpur University	4,218	1.4%
China: Total Citations, 2010-present		1,228,799	
1	Chinese Academy of Sciences	54,226	4.4%
2	Zhejiang University	32,572	2.7%
3	Tsinghua University	32,140	2.6%
4	Shanghai Jiatong University	27,454	2.2%
5	Harbin Institute of Technology	24,405	2.0%