

CURRICULUM VITAE

PERSONAL INFORMATION

NAME : Dr. Dianah Mukwate Ngui Muchai
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: diadyna@yahoo.com
NATIONALITY : Kenyan
GENDER : Female
MARITAL STATUS : Married



RESEARCH FOCUS

Area of Specialization: Econometrics, Industrial Economics, Energy Economics

Major Research Interests: Industrial Economics, Energy Economics, Performance (Growth, Efficiency and Productivity analysis) studies with applications to various private and public sectors

Other Research Interests: Applied Microeconomics, Applied Micro-econometrics, Panel Data Analysis, Project Evaluation, Statistics

QUALIFICATIONS

Academic Qualifications

- 2008: Ph. D (Economics), Martin-Luther-University Halle-Wittenberg, Germany.
Grade: Magna cum laude
- 2001: Master of Arts (Economics), Kenyatta University, Kenya.
- 1998: Bachelor of Education (Arts): Economics and Mathematics, Kenyatta University, Kenya: Grade- *First class honours*

Professional Courses

- 2007: Completed a course in applied industrial organization, Leibniz-Institute of Agricultural development in Central and Eastern Europe (IAMO), Germany.
- 2006: Completed a course in efficiency and productivity analysis II-stochastic approaches approaches, Leibniz-Institute of Agricultural development in Central and Eastern Europe (IAMO), Germany.
- 2006: Completed a course in efficiency and productivity analysis I-deterministic approaches, Leibniz-Institute of Agricultural development in Central and Eastern Europe (IAMO), Germany.

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EMPLOYMENT HISTORY

- 2008 - To date: Lecturer, Department of Econometrics & Statistics, Kenyatta University, Kenya.
- 2003 – 2005: Tutorial Fellow, Department of Economics, Kenyatta University, Nairobi, Kenya.
- 2001 – 2002 Graduate Assistant, Department of Economics, Kenyatta University, Nairobi, Kenya.

ADMINISTRATIVE RESPONSIBILITIES

At Kenyatta University

- July 2012 – Facilitator, Econometrics Modelling Workshop, Department of econometrics & Statistics, Kenyatta University
- 2010 –date: Post graduate Board member & Internal examiner for various thesis, Kenyatta University
- 2008 - date: Examination Coordinator, Department of econometrics & Statistics, Kenyatta University
- 2009: Post graduate Coordinator, School of Economics, Kenyatta University,

At Other Institutes

- Nov 2011: Trainer-Public Policy Process Course, Kenya Anti-corruption Commission (KACC)
- 2009 - 2011: Trainer-Econometrics Course, Kenya Institute for Public Policy Research and analysis

JOURNAL EDITORIAL AND REVIEW ACTIVITIES

- May 2012: AERC-CMAP Course Review, Research and Computer application Course.
- 2010 – Jan 2012: Member, Research and Publication committee, Kenya Institute for Public Policy Research and analysis
- 2010 – To date: Reviewer, African Economic Research Consortium Research Papers
- Jan 2011-Date: Member, Environment For Development
- June 2009: AERC-CMAP Course Review, Industrial Economics, Nairobi.

FELLOWSHIPS

- May 2010: Visiting researcher, Brookings Institution, Washington DC.
- 2005 – 2008: Doctoral Scholarship (German Academic Exchange Service-DAAD), Department of Economics, Martin-Luther-University Halle-Wittenberg, Germany.
- 2003 – 2005: Tutorial Fellowship, Department of Economics, Kenyatta University, Kenya.
- 1999 – 2001: Post graduate Fellowship (Graduate Assistantship), Department of Economics, Kenyatta University, Kenya.

POSTGRADUATE SUPERVISION

Ph D Supervision

- Bethsuela Bichage: Measuring Efficiency and Benchmarking Classified Two-five Star Hotels in Nairobi and Mombasa, Kenya. (Completed)
- Muthoga Samuel: Effects of Regional Financial Integration on Economic Growth and Intra-regional Trade of East African Community Member Countries. (Ongoing)
- Mutuku S. Mutinda: Essays on Technical Efficiency, Productivity Change and Efficiency Determinants in Public Primary Schools in Kenya. (Ongoing)
- Ogada Maurice: Essays on Farm Technology Adoption, Technical Efficiency and Productivity in Small Holder Crop Agriculture in Kenya. (Ongoing)
- Makali B. Mulu: Benefit Incidence Analysis of Constituencies Development Fund Spending on Education on Selected Constituencies in Kenya. (Ongoing)

Masters Supervision

- Wunu Solomon: Determinants of Human Smuggling From Ethiopia: A Case Study of Ethiopian Migrants in Kenya. (Completed)
- Mdoe Iddi Jackson: Total Factor Productivity in the Kenya non-life insurance sector, 2005-2009. (Completed)
- Jimmy Njau Kamande: Analysis of the Role of FDI in Enhancing Industrial Competitiveness in Kenya: (Ongoing)
- Dennis Brian Gichuni: Analysis of the Impact of Access to Credit on the Growth of MSME sector in Kenya: (Ongoing)
- Griffin Muthoni Aritho: Analysis of the Effect of Public Debt on Economic Growth. (Ongoing)

CONFERENCES/SEMINARS/WORKSHOPS

Participation in Workshop/Conferences

- Attended a workshop on subject specialist and retooling in Safari Park hotel, Nairobi 26th April to 2nd May, 2012
- Attended a workshop on Learning to Compete in Oleseren hotel, Nairobi 12th to 14th September, 2011
- Attended a workshop on integrated watershed management in Moshi, Tanzania 14th to 25th September, 2009

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- Attended a training workshop on gender analysis and mainstreaming in Kampala, Uganda 19th to 23rd January, 2009,

Presentation of papers at Academic and Professional Conferences

- Ngui, D.M., Nganga, C. J., Kimuyu, P. (2012) 'Learning by Exporting: the Kenyan experience', presented at a learning to compete workshop held on 27th to 28th may 2011 at Safari Park Hotel, Nairobi.
- Nganga, C. J., Ngui, D.M., Kimuyu, P. (2011) 'Scooping paper on Kenyan Manufacturing', presented at a learning to compete workshop held on 27th to 28th may 2011 at Safari Park Hotel, Nairobi.
- Muniu, M., Ngui, D.M., Mburu, K., Obere, A. (2011): Efficiency effects of bank mergers and acquisitions in Kenya, presented at the 8th African Finance Journal Conference held on 14th to 15th April 2011 at Safari Court Hotel, Windhoek, Namibia.
- Mutua, J.M., Ngui, D.M., Mwakubo, S. (2010), 'Comprehensive Study and Analysis on Energy Consumption in Kenya' presented at a stakeholders workshop held on 28th January, 2010 at Utalii Hotel, Nairobi.
- Mutua, J.M., Ngui, D.M.(2009), 'National energy survey report' presented at a dissemination workshop held on 29th September at Utalii Hotel, Nairobi.
- Ngui, D.M., Becker, C. and Thomi, W. (2007): 'Corruption, Insecurity and Technical Efficiency: Evidence from the Kenyan Manufacturing Firms', presented at a First Conference on Micro, Small and Medium Enterprises, held on 14th to 17th November, 2007 at Kenyatta University, Nairobi.
- Ngui, D.M. and Thomi, W. (2007): 'Estimating Efficiency within the Manufacturing Sector in Kenya during the Structural Reform Period: An Empirical Analysis', presented at Tenth European Workshop on Efficiency and Productivity Analysis (EWEPA) held on at 27th to 30th June at Lille, France.
- Ngui, D.M. and Becker, C. (2007): Technical Efficiency point and Confidence Interval estimates of the Manufacturing sector in African economies: A case of Kenya', presented at Tenth European Workshop on Efficiency and Productivity Analysis (EWEPA) held on at 27th to 30th June at Lille, France.
- Ngui, D.M. (2006): 'Does Corruption and Insecurity Affect Firms Efficiency? Evidence from the Kenyan Manufacturing Firms', presented at First Halle Efficiency and Productivity Analysis Workshop-HEPAW, 20th to 21st June at Halle, Germany.

Convening and Coordinating Conferences

- Convened and coordinated the Comprehensive Study and Analysis on Energy Consumption in Kenya stakeholders workshop held at Utalii Hotel, Nairobi on 28th January, 2010.
- Convened and coordinated the National Energy survey report dissemination workshop at Conference held at Utalii Hotel, Nairobi on 29th September, 2009
- Convened and coordinated the first Kenya National Energy Conference held at Kenyatta International Conference Center on 7th – 9th October, 2008

RESEARCH AND PUBLICATIONS

Articles in Refereed Journals

- Mutua, J.M, Ngui, D.M, Osiolo, H., Aligula, E. and Gachanja, E. (2012): Consumers Satisfaction in the Energy Sector in Kenya, *Energy Policy*, <http://dx.doi.org/10.1016/j.enpol.2012.06.004>
- Ngui-Muchai, D.M. and Muniu, J.M. (2012) Firm Efficiency Differences and Distribution in the Kenyan Manufacturing Sector, *African Development Review*, 24: 1, pp. 52-66
- Ngui, D.M., Mutua, J.M, Osiolo, H. and Aligula, E. (2011) Household Energy Demand in Kenya: An Application of Linear Approximate Almost Ideal Demand System(LA-AIDS), *Energy Policy*, 39(2011): pp. 7084 -7094.
- Ngui, D.M., Becker, C. and Thomi, W. (2008): Corruption, Insecurity and Technical Efficiency: Evidence from the Kenyan Manufacturing Firms, *International Journal of Afro-Asian Studies*, 1:1, pp. 66 -75.

Articles Under Review in Refereed Journals

- Ngui, D.M., Wasike, W.and Mutua, J.M, (2012-forthcoming):Energy Planning Model: A Survey with Future Directions for Kenya's Energy Planning, *The Journal of Energy Development*, vol. 37, no1/2

Articles in Conference Proceedings

- Ngui, D.M., Becker, C. (2007): Technical Efficiency Point and Confidence Interval Estimates of the Manufacturing firms in African Economies: A case of Kenya, in *Efficiency and Productivity Analysis: Retrospect and Prospect*, A Book of Abstract for the Tenth European Workshop on Efficiency and Productivity Analysis (EWEPA), Lille, France.

Books

- 2008: Ngui, D.M. *On the Efficiency of the Kenyan Manufacturing Sector: An empirical Analysis*, Published by Shaker Verlag, Aachen. ISBN No. 978-3832269432

Discussion Papers

- Ngui, D.M., Becker, C. and Thomi, W. (2008): Corruption, Insecurity and Technical Efficiency: Evidence from the Kenyan Manufacturing Firms, Discussion paper No. 58, Department of Economics, Martin-Luther-University Halle-Wittenberg, Halle.

Curriculum Vitae / Dr. Dianah Mukwate Ngui Muchai

- Ngui, D.M. (2008): Determinants of the Informal Sector Performance in the Semi-Arid Areas of Kenya: Evidence from Makueni District, Hallesche Discussionsbeiträge zur Wirtschafts- und Sozialgeographie Heft 13, Institute für Geographie, Martin-Luther-University-Halle-Wittenberg, Halle.
- Ngui, D.M., Becker, C. and Thomi, W. (2007): Firm efficiency differences during the structural reform period: Empirical Evidence from the Kenyan Manufacturing firms, Discussion paper No. 57, Department of Economics, Martin-Luther-University Halle-Wittenberg, Halle.

Policy Reports

- A Comprehensive Study and Analysis on Energy Consumption Patterns in Kenya, Energy Regulatory Commission Report, KIPPRA, 2010.
- Demand for Petroleum Products in Kenya, Ministry of Energy Report, KIPPRA, 2010

NETWORKING AND COLLABORATION WITH EXTERNAL ORGANIZATIONS

- 2009- To date: Member: Info World Economic Survey
- 2008-To date: German Alumni Water Network
- 2003 - To date: Research Associate: Kenya Institute for Public Policy and Research analysis
- 2010 - Date: Visiting Lecturer African Economic Research Consortium

LOCAL, REGIONAL & INTERNATIONAL APPOINTMENTS

August – Sept, 2012	Visiting Lecturer, Research Methods and Computer Applications, AERC-CMAP, Nairobi
August – Sept, 2011	Visiting Lecturer, Research Methods and Computer Applications, AERC-CMAP, Nairobi
August – October, 2010	Visiting Lecturer, Research Methods and Computer Applications, AERC-CMAP, Nairobi

ACADEMIC LEADERSHIP

Initiating/Leading Research Project

- May 2010 –Jan 2012: Principal Researcher with Brookings Institute/Kenya Institute for Public Policy Research and Analysis (KIPPRA) project on Learning to Compete.
- January 2009 – Jan 2011: Principal Researcher with Kenya Institute for Public Policy Research and Analysis (KIPPRA), Infrastructure and Economic Services division on comprehensive study and analysis on energy consumption patterns in Kenya.
- May 2008 – December 2008: Principal Researcher with Kenya Institute for Public Policy Research and Analysis (KIPPRA), Infrastructure and Economic Services division on national integrated energy modelling and petroleum products demand studies in Kenya.
- September 2006 – December 2006: Principal Researcher, Ph.D project on the efficiency of the Kenyan manufacturing sector: An empirical analysis.
- January 2004 – April 2004: Research assistant, Kenya Institute for Public Policy Research and Analysis (KIPPRA) / DFID project on Security risk and private sector Growth.

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- August 2003 – November 2003: Research assistant, Institute for Development Studies – University of Nairobi / Institute of Developing Economies – Japan project on assessing the prospects of competitiveness and productivity growth of the garment industry in Kenya.
- February 2003 – July 2003: Research assistant, Kenya Institute for Public Policy Research and Analysis (KIPPRA) / World Bank Regional Program on Enterprise Development (RPED) project on enhancing competitiveness of Manufacturing Firms.
- January 2001 – August 2001: Principal Researcher, Masters Project on determinants of performance of wood work and metal work enterprises in Makueni district

REFEREES:

Prof. Claudia Becker
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