

Area	Finance and Economics	
Discipline	Economics	
Research Focus Area	<ul style="list-style-type: none"> • Agribusiness, Microeconomic analysis • Environmental and Natural Resource Economics 	
Supervision Team	Dr B Muchara Prof CN Mbatha	
Name Dr B Muchara Email: muchab@unisa.ac.za Phone: 0116520395	Academic Profile Binganidzo Muchara is a senior lecturer in managerial economics. He holds a PhD in Agricultural Economics from the University of KwaZulu-Natal. He has a strong research interest in agricultural water use, sectoral analysis, agribusiness, production economics, cost-benefit analysis, environmental and natural resources economics. He has published papers on the economics of land and water resources, applied microeconomics using firm-level data and the application of economics in managerial decision making. Econometrics: Intermediate.	Capacity up to 5 doctorate students
Research Agenda	Microeconomic analysis covers areas related to industrial policy, competition policy, strategic behaviour using firm-level data and the application of economics in managerial decision making. The microeconomic aspects of the environment (Land and water resources)are also studied.	
Reading: Subject Field	<ul style="list-style-type: none"> • Lipczynski, J., Wilson, J.O.S. & Goddard J. 2009. <i>Industrial organisation competition, strategy, and policy</i>. 3rd edition. Prentice Hall. • Mas-Colell, A., Whinston, M.D. & Green J.R. 1995. <i>Microeconomic theory</i>. New York: Oxford University Press. • Gibbons, R. 1992. <i>A primer in game theory</i>. Prentice Hall. 	
Reading: Research Methodology	<ul style="list-style-type: none"> • Ethridge, D. 2004. <i>Research methodology in applied economics: Organizing, planning and conducting economic research</i>. 2nd edition. Oxford: Blackwell. • McCloskey, D.N. 1985. Economical writing. <i>Economic Inquiry</i>. 23(2):187–222. • McCloskey, D.N. 1986. <i>The rhetoric of economics</i>. Brighton: Wheatsheaf Books. • Johnson, G.L. 1986. <i>Research methodology for economists: Philosophy and practice</i>. New York: Macmillan. • Creswell, J.W. 2009. <i>Research design: Qualitative, quantitative and mixed methods approaches</i>. Los Angeles: Sage. • Henning, E. 2005. <i>Finding your way in qualitative research</i>. 2nd edition. Pretoria: Van Schaik Publishers. • Hofstee, E. 2006. <i>Constructing a good dissertation: A practical guide to finishing a master's, MBA or PhD on schedule</i>. EPE 	

	<p>Publishers</p> <ul style="list-style-type: none"> • Gujarati D.N and Porter D.C, 2009. Basic Econometrics, 5th Edition. Boston : McGraw-Hill Irwin, • Mouton, J. 2001. <i>How to succeed in your master's and doctoral studies: A South African guide and resource book</i>. Pretoria: Van Schaik Publishers. • Welman, J.C. & Kruger, S.J. 2007. <i>Research methodology</i>. Cape Town: Oxford. • Vital, R. & Jansen, J. 2010. <i>Designing your first research proposal: A manual for researchers in education and the social sciences</i>. Rev edition. Lansdowne: Juta.
<p>Resources: Scholar Community</p>	<ul style="list-style-type: none"> • Competition Commission of South Africa: http://www.compcom.co.za/. • Department of Trade and Industry (DTI): http://www.thedti.gov.za/. • Department of Environmental Affairs: https://www.environment.gov.za/. • The South African Journal of Economics (publishes various articles on the South African economy, including macroeconomic issues). Available at: http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1813-6982. • The South African Reserve Bank (research papers and data on the South African economy). Available at: www.resbank.co.za. • The Human Sciences Research Council (research and data on the South African economy). Available at: www.hsrc.ac.za. • Statistics South Africa (data on the South African economy). Available at: www.statssa.gov.za. • The International Monetary Fund (comparative data and economic indicators of member countries). Available at: www.imf.org. • World Bank Enterprise surveys Data: http://www.enterprisesurveys.org/Data.
<p>Potential M&D Research Focus Areas or Research Projects</p>	
<p>Unit of Analysis</p>	<p>Research Focus</p>
<p>Economic growth</p>	<ul style="list-style-type: none"> • Comparative description and explanation of the determinants of economic growth in African and other emerging market economies.
<p>Microeconomic issues and policy</p>	<ul style="list-style-type: none"> • Water resource management • Environmental and natural resources economics (land and water economics) • Water use in agricultural value chain • Competition policy, elements, and implementation strategies • Government intervention in competitive markets • Concentration: measurements and trends • Trends in firm concentration and the location of Industry

Environmental and resource economics

- Valuation of natural resources using hedonic pricing methods, travel cost approach and contingent valuation techniques
- Environmental regulation and policy