

**CURRICULUM
VITAE
OF**

JUGAL MAHABIR

PERSONAL DETAILS

TITLE : Mr

SURNAME : Mahabir

FIRST NAME : Jugal

AGE : 28 years

SEX : Male

MARITAL STATUS : Married with two children

NATIONALITY : South African

DRIVERS LICENCE : Code 08

HOME LANGUAGE : English

HEALTH : Excellent

CRIMINAL RECORD : None

CONTACT DETAILS : HOME: +2712 644 0792
WORK: +2711 559 4336
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jugal.mahabir@me.com
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EDUCATION QUALIFICATIONS

PRIMARY EDUCATION: GRADE 1 – 7

SCHOOLS ATTENDED: Highlands Primary School 1991 – 1995
Grade 1 – 5

Hillary Primary School 1996 – 1997
Grade 6 – 7

ACHIEVEMENTS: Dux – Hillary Primary 1997

SECONDARY EDUCATION: GRADE 8 – 12

SCHOOL ATTENDED: Queensburgh Boys' High School

GRADE PAST: Matric
Merit pass with endorsement (exemption)

ACHIEVEMENTS: Runner-up to dux 2002

TERTIARY EDUCATION: 2003 – 2009

INSTITUTE ATTENDED: University of Natal 2003
University of Kwa-Zulu Natal 2004 – 2009
University of Johannesburg 2011 - 2013

DEGREE: Bachelor of Arts (BA) with majors in Economics and Political
Science 2003-2005

Bachelor of Social Sciences (Honours) in Economics 2009

Master of Commerce in Economics (Coursework) 2013 –
awarded *Cum Laude*

Honours Research Dissertation:

“Assessing the South African Local Government Equitable Share formula against the principles of intergovernmental fiscal transfers and grant design”

Masters Research Dissertation:

“Assessing the Impact of Lump Sum Unconditional Grants on Expenditure and Revenue Decision of and Performance of South African Municipalities”

ACHIEVEMENTS: Admission to the Golden Key Honours Society after finishing in the top 15% in the University Of Kwazulu-Natal

Achieved Masters Degree with a distinction (*Cum Laude*)

Second Placed Masters Student Award - 2013

OTHER COURSES ATTENDED:

1. Property Tax course - African Tax Institute - University of Pretoria
2. Fiscal Decentralisation Course - African Tax Institute - University of Pretoria
3. Business writing course 2008 - National Treasury
4. Introduction to Computable General Equilibrium Modelling with GAMS - Financial and Fiscal Commission and PEP school, University of Laval
5. Intergovernmental Fiscal Relations course – AFReC - University of Cape Town
6. Voice and presentation training – Voice Clinic –Rosebank
7. Advanced energy demand and supply modelling – Hosted by the Department of Trade and Industry – Presented by the Institute of Energy Economics (Japan)
8. Excel on Steroids – Advanced Excel – Dexford - Midrand

AFFILIATIONS:

Member of the World Economics Association
Member of Golden Key Honours Society

PUBLICATIONS:

Articles

Mahabir, J. (2012). The Process of Reviewing the Local Government Equitable Share Formula. *Local Government Bulletin*, 14(2): 15-16

Mahabir, J. (2012). Towards a New Local Government Equitable Share Formula: Progress in the Review Process. *Local Government Bulletin*, 14(4): 13-14

Mahabir, J. (2014), Quantifying Inefficient Expenditure in Local Government: A Free Disposable Hull Analysis of a Sample of South African Municipalities. *South African Journal of Economics*. doi: 10.1111/saje.12050

Working Papers

Maisonave, H., Mahabir, J., Chitiga, M. & Mabugu, R. (2010), *The Impact of the Global Financial Crisis on Sub-National Government – Lessons from the Free State*

Province in South Africa, Working Paper 201012, University of Pretoria.
(Contribution – 30%).

Contribution to Books/Technical Papers

Mahabir, J. (2010), *An Assessment and Review of the South African Local Government Equitable Share Formula*, Chapter 5 in the Technical Report to the Annual Submission on the 2011/12 Division of Revenue, Financial and Fiscal Commission, Midrand, South Africa

Mahabir, J. (2011). *Measuring the Efficiency of Local Government Expenditure*. Chapter 8 in the Technical Report to the Annual Submission on the 2012/13 Division of Revenue, Financial and Fiscal Commission, Midrand, South Africa

Mahabir, J. (2011). *Estimating the Factors that Impact on Municipal Expenditures*. Chapter 7 in the Technical Report to the Annual Submission on the 2012/13 Division of Revenue, Financial and Fiscal Commission, Midrand, South Africa.

Mahabir, J. & Vacu, N. (2011). *Understanding the Dynamics of Rural Tax Bases and its Influencing Factors*. Chapter 7 in the Technical Report to the Annual Submission on the 2013/14 Division of Revenue, Financial and Fiscal Commission, Midrand, South Africa.

CONFERENCES:

Mahabir, J. (2011). *Quantifying the Efficiency of Local Government Expenditure – A Free Disposable Hull Analysis of a Sample of South African Municipalities*. Presented at the **4th Annual SPMA International Conference at the University of Pretoria - 2011**

Mahabir, J. (2011). *Estimating the Impacts of Population Density, Migration and Economies of Scales on the Provision of Municipal Services*. **Presented at the 2011 Economics Society of South Africa (ESSA) conference, University of Stellenbosch.**

Mahabir, J. and Peters, S. (2012). *Are there Efficiency Gains in Outsourcing Municipal Services?* **Presented at the 2012 African Econometric Society Annual Conference in Uganda**

Mahabir, J. (2012). *Estimating the Tax Potential of Municipal Property Rates in South Africa*. **Presented at the Economic Research Southern Africa Public Economics Workshop in Polokwane – November 2012.**

GUEST PRESENTER:

2013 Local Government Business Week – Municipal Revenue Enhancement Workshop – Revenue Enhancement and its Impact on Economic Growth and Service Delivery

TASK TEAMS AND POSITIONS:

1. Member of the Local Government Equitable Share Review Task Team – Instrumental in the design of the new local government equitable share model
2. Member of the task team established to review local government conditional grants (Minister of Finance 2013 Budget Speech)
3. Member of the Municipal Demarcation Board’s advisory team on the development of municipal capacity assessment models
4. Team leader: Financial and Fiscal Commission’s Review of the Local Government Fiscal Framework, 2011

RESEARCH CONSULTATIONS AND COLLABORATIONS:

1. Collaboration with University of the Western Cape – South Africa-Kenya Devolution experience – **Funding sub-national government in South Africa** – Forthcoming book chapter
2. Collaboration with the South African Local Government Association – **Understanding unfunded mandates in local government** – background to a SALGA memorandum presented at the 2013 Budget Forum
3. Soul City Institute – Research on **assessing the impact of Soul City Outreach programmes using the propensity score matching method**

RECORD OF EMPLOYMENT

	<u>NAME OF COMPANY</u>	<u>POSITION HELD</u>	<u>RECORD OF SERVICE</u>
1.	NATIONAL TREASURY	SENIOR ECONOMIST	AUG 2007 – AUG 2009

RESPONSIBILITIES:

- a. Drafted cabinet and internal memos for implementing local government policies and procedures
- b. Developed a robust model for the categorisation of municipalities that is used for analytical purposes internally and is currently the basis for a formal differentiation of municipalities
- c. Developed robust models for allocations to local government
- d. Annually calculated and administered the allocations to metropolitan and district municipalities of the RSC levy replacement grant. Developed a model to calculate these allocations and the model is currently been used by the National Treasury
- e. Drafted the Electricity (and to a certain extent the Water) chapter Local Government Budget and Expenditure review,
- f. Assessed financial implications of local government policies
- g. Actively participated in implementing new and existing policies for local government
- h. Undertook extensive research which resulted in several internal documents, including a document on the problems faced by rural municipalities
- i. Commented on cabinet memos, policy and research documents,

- j.** Extensive utilisation of computer software, especially Microsoft excel, word and PowerPoint,
- k.** Responsible for implementing of the permanent replacement of the RSC levies. This included identifying the sharing of the general fuel levy as a permanent replacement, administering the allocations and transfers, setting up stakeholder consultation workshops with the metros involved and developing a model to accurately calculate the allocations to the metros based on fuel sales. This model converts fuel sales from a magisterial district level to a municipal level and is still in use by National Treasury
- l.** Working extensively in the local government equitable share formula and reforms to it
- m.** Partook in medium term expenditure committee (MTEC) meetings, budget council and budget forum
- n.** Developed models to assist in the motivation for additional funds for local government through the adjustments budget and was tasked with the allocations of these funds
- o.** Participated in the implementing the Municipal Fiscal Powers and Functions Act
- p.** Worked with electricity sector in the proposed establishment of regional electricity distributors (REDs).

CONTACT: WENDY FANOE –012 315 5512

REASON FOR LEAVING: OFFERED A BETTER POSITION AT THE FFC

2. FINANCIAL AND FISCAL COMMISSION (FFC) AUG 2009 – FEB 2014

RESEARCHER: LOCAL GOVERNMENT AND FISCAL POLICY

RESPONSIBILITIES:

- a.** Undertake research pertaining to local government issues in particular to inform the FFC submission into the Division of Revenue process
- b.** Undertake research in all aspects of the economy and development including public finance issues, poverty, macroeconomic issues etc
- c.** Identify the issues and challenges faced by local government in the country and recommend measures to assist in these challenges
- d.** Comment and analyse the Division of Revenue Bill and procedures annually
- e.** Comment on the Budget and the MTBPS
- f.** Comment annually on the country's tax policy and proposals
- g.** Actively participate in forums and interactions in conferences with SALGA, National Treasury and other stakeholders
- h.** Participate in the FFC research review sessions with Commissioners and other stakeholders
- i.** Respond efficiently and promptly to several requests from commissioners and external stakeholders
- j.** Present annually in parliament on the DOR, economic policy and related ad hoc requests
- k.** Exposed to the dynamics of economic policy in the country since the passing of the Money Bills and Related Matters Act

- l.** Utilise econometric, CGE and other mathematical oriented modelling to inform research. Knowledge of GAMS
- m.** Well skilled in the application of STATA, E-Views and excel
- n.** Worked extensively with municipal budgets and financial statements
- o.** Analysed financial statements and municipal audit outcomes
- p.** Worked extensively in improving municipal financial performance
- q.** Developed strategies to improve municipal financial management
- r.** Sound knowledge of municipal accounting standards as per the MFMA
- s.** Played a pivotal role in the design and introduction of the new local government equitable share formula
- t.** Organised and implemented a public hearing on the review of the financing of local government

CONTACT: MKHULULI NCUBE – 011 207 2334

3. JEL CONSULTING Feb 2010 – June 2010

TUTOR AND TRAINING ASSISTANT (PART TIME)

RESPONSIBILITIES:

- a. Tutor school and university students, mainly in economics
- b. Train and capacitate students with various skills to assist with their studies

CONTACT: JOHAN NEL – 078 598 8546

4. UNIVERSITY OF SOUTH AFRICA JAN 2013 – JAN 2014

E-TUTOR

RESPONSIBILITIES:

- a. Tutored economics 101 and 102
- b. Facilitate discussions online
- c. Assist students with questions issues related to the course

CONTACT: MUDANAGUNDO RAKGASE – (012) 433 4682

5. UNIVERSITY OF JOHANNESBURG MAR 2014 – PRESENT

LECTURER

CONTACT: LUMENGO BONGA-BONGA – (011) 559 2118

Lecturing Experience

1. Lectured in an introduction to econometrics course – Financial and Fiscal Commission
2. Lectured local municipal councillors on municipal oversight – Financial and Fiscal Commission
3. Lectured parliamentary researchers on research methods and budget analysis
4. Lectured courses on municipal finance, local government budget process, intergovernmental fiscal relations, division of revenue process and grant design – Financial and Fiscal Commission

PERSONAL BEST

- EASY TO GET ALONG WITH
- ALWAYS ENTHUSIASTIC AND WILLING TO LEARN
- PUNCTUAL AND RESPONSIBLE
- DEDICATED AND EFFICIENT WORKER
- ABILITY TO ADAPT AND LEARN QUICKLY
- DECENT MATHEMATICAL AND STATISTICAL SKILLS
- EXCELLENT COMPUTER SKILLS
- WORKING KNOWLEDGE OF STATA, EViews, GAMS AND EXCEL
- WORKING KNOWLEDGE OF ECONOMETRIC, COMPUTABLE GENERAL EQUILIBRIUM AND PROPENSITY SCORE MATCHING TECHNIQUES