

Curriculum Vitae

RENEÉ VAN EYDEN

Updated January 15, 2021

CONTACT INFORMATION

University of Pretoria
Department of Economics
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ACADEMIC PROFILES

Google Scholar Profile:
<https://scholar.google.co.za/citations?user=tDU6OJEAAAAJ&hl=en>

IDEAS/RePEc Profile:
<https://ideas.repec.org/e/pey11.html>

ResearchGate Profile:
https://www.researchgate.net/profile/Renee_Van_Eyden

OTHER

LinkedIn profile:
<https://www.linkedin.com/in/renee-van-eyden-b915b414/?originalSubdomain=za>

ACADEMIC QUALIFICATIONS

1999: University of Pretoria, Pretoria, South Africa,
PhD (Economics)

- Title of thesis: *Private consumption expenditure in South Africa: the role of price expectations and learning*. (Study leader: Prof. Peter Pauly, University of Toronto, Canada)

1996: University of Pretoria, Pretoria, South Africa,
B Com (Hons) (Economics) (Cum Laude)

1991: University of Pretoria, Pretoria, South Africa, MBA

1984: University of Pretoria, Pretoria, South Africa,
B Sc (Hons) (Computer Science) (Cum Laude)

1980: Matriculated with a first-class pass (distinctions in 7 subjects)

PROFESSIONAL EXPERIENCE

May 1992 – present: University of Pretoria, Department of Economics

- Jan 2015 to present: Professor

- Jan 2002 – December 2014: Associate Professor
 - May 1992 – December 2001: Senior lecturer and researcher
- 1992 – 1994: Plan Associates (Part-time)
- *Ad hoc* research projects re. Land use and Census data
- 1987 – 1988: SACEC (Part-time)
- Computer training in software packages
- Oct 1986 – Apr 1992: Department of Economics, University of Pretoria
- Researcher
- Mar 1986 – Sept 1986: Department of Computer Science, University of South Africa, Pretoria
- Lecturer in Computer Science
- Mar 1985 – Feb 1986: Institute for Techno-Economic Research, CSIR (Council for Scientific and Industrial Research)
- Computer programmer, SAS

HONOURS AND AWARDS

Research award, Faculty of Economics and Management Sciences, Senior researcher in the Category Economic Sciences, 2016.

Post-graduate teaching award, Department of Economics, 2007, 2014.

Extra-ordinary Performance, Department of Economics, 2005, 2010.

Senior researcher, Department Economics, 2002.

NRF Rating Category Y2, 2002.

National Research Foundation Grant, No. 2050581, with Du Toit, C.B. *The economic impact of Aids in South Africa.*

National Research Foundation Grant, No. 2046917, with Du Toit, C.B. *Alleviating unemployment and poverty in the South African economy: Critical policy implications.*

Academic colours and achievement bursaries, 1981 – 1983, 1996, 1999.

RESEARCH RELATED ACTIVITIES, FROM 1995 ONWARDS

Peer-Reviewed Publications

1. An Econometric Model for Monetary Policy in South Africa. *The South African Journal of Economics*, Vol. 63 (4), December 1995, pp. 577-597, with De Wet, G.L. and Jonkergouw, E. (ISI)
2. The demand for and supply of money in South Africa and the bank rate as an expectations factor, *South African Journal of Economic and Management Sciences*, Pretoria, Summer 1996, pp.183-193, with De Wet, G.L. and Jonkergouw, E. (ISI)
3. The Economics of Exchange Rates: A South African Model. *South African Journal of Economics and Management Sciences*, NS Vol 3 (1), March 2000, pp. 19-51, with Brink, S.M. (ISI)

4. Variable parameter estimation of consumer price expectations for the South African economy. *The South African Journal of Economics*, Vol. 69(1), March 2001, pp. 1-39. (ISI)
5. Exchange rates and learning – a Rand/US dollar model. *Journal of Propagations in Probability and Statistics*, Vol. 2(1), August 2001, International ed., pp. 77-96, with Basdevant, O. and Brink, S.M
6. A Labour Model for South Africa, Jobless Growth or not? *The South African Journal of Economics*, March 2003, pp. 49-76, *with* Du Toit, C.B. (ISI)
7. Capital Mobility in sub-Saharan Africa: a Panel data approach. *The South African Journal of Economics*, March 2005, pp. 22-35, *with* De Wet A.H. (ISI)
8. Modelling the Marginal Revenue of Water in Selected Agricultural Commodities: A Panel Data Approach, *Agrekon*, March 2006, pp. 78-88, *with* Moolman, C.E. and Blignaut, J. (ISI)
9. Testing for PPP Using SADC Real Exchange Rates, *South African Journal of Economics*, Vol. 77(3), September 2009, pp. 351-362, *with* Mokoena, T.M. and Gupta, R. (ISI)
10. Half-life deviations from PPP in the South African Development Community, *Applied Econometrics and International Development*, Vol. 9(1), January to June 2009, pp. 141-148, *with* Mokoena, T.M. and Gupta, R. (ISI)
11. Linking Global Economic Dynamics to a South African-Specific Credit Risk Correlation Model, *Economic Modelling*, Vol. 26(5), November 2009, pp. 1000-1011, *with* De Wet, A.H. and Gupta, R. (ISI)
12. Testing for Fractional Integration in SADC Real Exchange Rates, South African, *South African Journal of Economics*, Vol. 77(4), November 2009, pp. 531-537, *with* Mokoena, M. and Gupta, R.
13. Market Microstructure Approach to the Exchange Rate Determination Puzzle, *ICFAI Journal of Monetary Economics*, Vol. 7(3/4), August to November 2009, pp. 101-115, *with* Mokoena, M. and Gupta, R. (IBSS)
14. Exchange Rate Puzzles: A Review of the Recent Theoretical and Empirical Developments, *ICFAI Journal of Monetary Economics*, Vol. 8(1/2), February to May 2010, 77-112, *with* Mokoena, T.M. and Gupta, R.
15. Loan portfolio Conditional Loss Estimation Using an Error Correcting Macroeconometric Model, *African Finance Journal*, Vol. 12(2), November 2010, pp. 27-49, *with* De Wet, A.H. and Gupta, R. (IBSS)
16. Non-linearities in Inflation-Growth Nexus in the Southern African Development Community: A Panel Smooth Transition Regression Approach, *Economic Modelling*, Vol. 30, January 2013, pp. 149-156, *with* Seleteng, M. and Bittencourt, M. (ISI)
17. Predictive Ability of Competing Models for South Africa's Fixed

- Business Non-Residential Investment Spending, *Journal of Economic Computation and Economic Cybernetics Studies and Research*, Vol 47(4), 2013, pp. 87-126, *with* Gupta, R. and Aye, G.C. (ISI)
18. Monetary policy and inflation in South Africa: A VECM augmented with foreign variables, *South African Journal of Economics*, Vol 82(1), March 2014, pp. 117-140, *with* De Waal, A. (ISI)
19. Harnessing remittances through formal channels for development in sub-Saharan Africa, *The Journal of Developing Areas*, Vol. 48(3), Summer 2014, pp. 321-337, *with* Kemegue, F., Owusu-Sekyere, E. (IBSS)
20. The evolution and contribution of technological progress to the South African economy: Growth accounting and Kalman filter application, *Applied Econometrics and International Development, Euro-American Association of Economic Development*, Vol 14(1), 2014, pp. 175-188, *with* Inglesi-Lotz, R. and Du Toit, C.B. (ISI)
21. Intertemporal Portfolio Allocation and Hedging Demand: An Application to South Africa, *Journal of Business Economics and Management*, Vol 15(4), 2014, pp.744-775, *with* Van Wyk De Vries, E. and Gupta, R. (ISI)
22. Military Expenditure, Economic Growth and Structural Instability: A Case Study of South Africa, forthcoming in *Defence and Peace Economics*, Vol 25(6), 2014, pp.619-633, *with* Aye, G.C., Balcilar, M., Dunne, P.J. and Gupta, R. (ISI)
23. Remittances and the Dutch disease in sub-Saharan Africa. A dynamic panel approach, forthcoming in *Contemporary Economics*, Vol 8(3), 2014, pp.289-298, *with* Owusu-Sekyere, E. and Kemegue, F. (IBSS)
24. Time-varying linkages between Tourism Receipts and Economic Growth in South Africa, forthcoming in *Applied Economics*, Vol 46(36) Dec 2014, pp. 4381-4398, *with* Balcilar, M., Inglesi-Lotz, R. and Gupta, R. (ISI)
25. Do we need a global VAR to forecast inflation and output in South Africa?, forthcoming in *Applied Economics*, Vol 47(25), 2015, pp. 2649-2670, *with* De Waal, A. and Gupta, R. (ISI)
26. Forecasting the rand-dollar and rand-pound exchange rates using dynamic model averaging, forthcoming in *Emerging Markets Finance and Trade, Special Issue: Emerging Markets Business Cycles, Growth and Policy*, Vol 51(3), 2015, pp. 502-524, *with* De Bruyn, R. and Gupta, R. (ISI)
27. Inflation and Economic Growth in the SADC: Some Panel Time Series Evidence, *South Journal of Economics*, Vol 83(3), Sept 2015, pp. 411-424, *with* Bittencourt, M., and Seleteng, M. (ISI)
28. Identifying a financial conditions index for South Africa, *Studies in Economics and Finance*, Vol 32(2), 2015, pp. 256-274, *with* Thompson, K.L. and Gupta, R. (2015). (IBSS)
29. Testing the out-of-sample forecasting ability of a financial conditions index for South Africa, *Emerging Markets Finance and Trade*, Vol 51(3), 2015, pp. 502-524, *with* Thompson, K. and Gupta, R. (ISI)
30. Causality between Inflation and Inflation Uncertainty in South

Africa: a Markov-Switching VAR model, *Emerging Markets Review*, Vol.24, Sept 2015, pp. 46-68, *with* Ben Nasr, A., Balcilar, M. Ajmi, A.N., Aye, G.C. and Gupta, R. (ISI)

31. The impact of economic shocks in the rest of the world on South Africa: Evidence from a global VAR, *Emerging Markets Finance and Trade*, Vol 52(3), Jan 2016, pp. 557-573, *with* De Waal, A. (ISI)

32. Testing the Asymmetric Effects of Financial Conditions in South Africa: A Nonlinear Vector Autoregression Approach, *Journal of International Financial Markets, Institutions & Money*, Vol 43, July 2016, pp. 30-43, *with* Balcilar, M., Thompson, K.L. and Gupta, R. (ISI)

33. The impact of oil price on South African GDP growth: A Bayesian Markov Switching-VAR analysis, *African Development Review*, Vol 29(2), September 2017, pp. 319-336, *with* Balcilar, M., Uwilingiye, J. and Gupta, R. (ISI)

34. The Impact of US Policy Uncertainty on the Monetary in the Euro Area, *Journal of Policy Modelling*, Vol 39(6), November 2017, pp. 1052-1064, *with* Balcilar, M., Demirer, R. and Gupta, R. (IBSS)

35. Inflation-Growth Nexus in Africa: Evidence from a Pooled CCE Multiple Regime Panel Smooth Transition Model, *Empirical Economics*, Vol 54(3): pp: 913-944, May 2018, *with* Omay, T. and Gupta, R. (ISI)

36. Comparing the forecasting ability of Financial Conditions Indices: The case of South Africa, under review at *The Quarterly Review of Economics and Finance*, Vol 69: pp. 245-259, August 2018, *with* Balcilar, M., Gupta, R. and Thompson, K., and Majumdar, A. (ISI)

37. Oil price volatility and economic growth: Evidence from advanced economies using more than a century's data, *Applied Energy*, Vol 223-234: pp. 612-621, January 2019, *with* Difeto, M., Gupta, R. and Wohar, M.E. (Clarivate Analytics Web of Science)

38. The Impact of Disaggregated Oil Shocks on State-level Consumption of the United States, forthcoming *Applied Economics Letters*, Manuscript DOI: 10.1080/13504851.2020.18544, *with* Sheng, X., Gupta, R. and Wohar, M. (Clarivate Analytics Web of Science)

39. Impact of Oil Price volatility on State-Level Consumption of the United States: The Role of Oil Dependence, forthcoming *Energy Exploration and Exploitation*, *with* Gupta, R., Sheng, X. and Wohar, M. (Clarivate Analytics Web of Science)

Under review

Human empowerment before prosperity and liberty. Under review at *Economic Development and Cultural Change* (University of Chicago Press Journals), *with* Blackmore, S.

Fostering human empowerment through education: the road to progressive political institutions. Under review at *South African Journal of Economics* (indexed with Clarivate Analytics Web of Science), *with* Peijper, C. and Blackmore S.

The Impact of Disaggregated Oil Shocks on State-Level Real Housing Returns of the United States: The Role of Oil Dependence. Under review at *Finance Research Letters*, with Sheng, X., Gupta, R. and Wohar, M.

Working Paper Series

Social ingredients and conditional convergence in the study of sectoral growth, *ERSA Working Paper Series*, No. 151, October 2009, with Nigoie, J.K. and Du Toit, C.B.

What drives remittance inflows to Sub-Saharan Africa: A Dynamic Panel Approach. *ERSA Working Paper Series*, No. 262, December 2011, with Owusu-Sekyere, E. and Kemegue, F.M.

Remittances and the Dutch disease in Sub-Saharan Africa. A Dynamic Panel Approach. *ERSA Working Paper Series*, No. 259, November 2011, with Owusu-Sekyere, E. and Kemegue, M.

Monetary policy and inflation in South Africa: A VECM augmented with foreign variables. *ERSA Working Paper Series*, No. 316, October 2012, with De Waal, A.

Inflation and Economic Growth in the SADC: Some Panel Time-Series Evidence, *ERSA Working Paper Series*, No 404, January 2014, with Bittencourt, M. and Seleteng, M.

Is democracy vital for foreign aid effectiveness? A study on the impact of foreign aid on development in sub-Saharan Africa, under review at *Economic Research Southern Africa*, with Perry, S.T.

The impact of education on economic growth in Southern African Development Community (SADC) countries, under review at *Economic Research Southern Africa*, with Van Lienden, W.

Human Empowerment before Prosperity and Liberty. *World Values Research* 12(1) September 2020: 1-35, with Blackmore S.

A Sequence to Reverse Poverty: Institutions, State Capacity and Human Empowerment. *Economic Research Southern Africa (ERSA) Working Paper Series* 832, August 2020: 1-51, with Blackmore, S.

Other Publications

An Econometric monetary policy model for South Africa in Welfe, W. and Kelm, R., *Proceedings of Macromodels '94*, IES, Lodz, Poland, December 1994, pp. 49-98, with De Wet G.L. and Jonkergouw, E.

The Peace Dividend in South Africa, Chapter 16 in *The Peace Dividend*, ed. Glenditsch, N.P., et al., North-Holland, Amsterdam, 1996, pp. 305-322, with De Wet, G.L., Jonkergouw, E., Schoeman, N.J., Steyn, F.G. and Truu, M.L.

Improving the Labour Absorption Capacity of the South African Economy. Contract research for the HSRC, *BEPA Economic Paper No. 29*, March 1998, Chapter 6, pp. 181-196, with Schoeman, N.J. et al.

The potential for improving the labour absorption capacity of SMME's through the institutionalisation of the informal sector. HSRC, *BEPA Contract Research Report No. 27*, April 1999, Chapter 4, pp. 90-134, *with* Styen F.G. *et al.*

Micro, small and medium-sized enterprises in the South African Economy: Their sizes, contributions and trends, *State of Small Business in South Africa*. Annual Review 2000, Ntsika, pp. 22-35, *with* Blignaut J.N.

Economic Indicators, *South Africa at a Glance 2001-2002*, Editors Inc., Craighall, 2001, pp. 123-130.

South Africa: Economic Outlook and Policy Perspective, October 2004, BE at UP, 73pp, *with* Du Toit *et al.*

South Africa: Economic Outlook and Policy Perspective, May 2005, BE at UP, 43pp, *with* Du Toit *et al.*

Chapters in Books

The Peace Dividend in South Africa, Chapter 16 in *The Peace Dividend*, ed. Glenditsch, N.P., *et al.*, North-Holland, Amsterdam, 1996, pp. 49-98, *with* De Wet, G.L., Jonkergouw, E., Schoeman, N.J., Steyn, F.G. and Truu, M.L.

Introduction to Econometrics, Chapter 10 in *Elementary Economic Theory*, ed. Steyn, F.G., BEPA, 2000, pp. 207-227.

Introduction to Econometrics, Chapter 11 in *Introduction to Economic Theory and Policy*, ed. Brink, S.M., Department of Economics, 2001, pp. 173-191.

Conference Presentations

An Econometric monetary policy model for South Africa. Paper presented at *Macromodels '94*, University of Lodz, Poland, December 1994, 50pp, *with* De Wet, G.L. and Jonkergouw E.

Economic Overview and Forecast of South Africa, 1994-2000, *Quantiplan Economic Forum*, University of Pretoria, Pretoria, November 1995, 10pp, *with* De Wet, G.L., Steyn, F.G., Schoeman, N.J., Harmse, C., and Du Toit, C.B.

Economic Overview and Forecast of South Africa: 1995-2000, *Quantiplan Economic Forum*, University of Pretoria, Pretoria, November 1996, 9pp, *with* De Wet, G.L., Steyn, F.G., Schoeman, N.J., Harmse, C., and Du Toit, C.B.

Private Consumer Behaviour: Theory and Empirical Evidence. Paper presented at the *Third Annual Conference on Econometric Modelling for Africa*, Pretoria, June 1998, 33pp.

An Error Correction Model for Private Consumption Expenditure in South Africa. Paper presented at the *EBM Research Conference*, Cape Town, November 1998, 29pp.

Variable Parameter Estimation of Price Expectations for the South

African Economy. Paper presented at the *Fourth Annual Conference on Econometric Modelling for Africa*, WITS, Johannesburg, 9-11 July 1999, 20pp.

The Economics of Exchange Rates: A South African Model. Paper presented at the *Biennial Conference of the Economic Society of South Africa*, Pretoria, 6-7 September 1999, 33pp, with Brink, S.M.

Basdevant, O., Brink, S.M. and Koekemoer, R. Exchange rates and learning - a rand/US dollar model. Paper presented at the *Fifth Annual Conference on Econometric Modelling for Africa*, WITS, Johannesburg, 5-7 July 2000, 18pp, with Badevant, O. and Brink, S.M.

An Empirical Investigation of Trade and Fiscal Balances in South Africa. Paper presented at the *Fifth Annual Conference on Econometric Modelling for Africa*, WITS, Johannesburg, 5-7 July 2000, 29pp, with McCoskey, S.K.

On the interaction of gender and Growth in Sub-Saharan Africa, *Sixth Annual Conference on Econometric Modelling for Africa*, University of Pretoria, Pretoria, 4-6 July 2001, 36pp, with McCoskey, S.K.

South African Growth Determinants – Which is the chicken and which is the egg?, *Biennial Conference of the Economic Society of South Africa*, Glenburn Lodge, Muldersdrift, 13-14 September 2001, 45pp, with De Jager, J.

A Labour Model for South Africa, Jobless Growth or not? *Biennial Conference of the Economic Society of South Africa*, Glenburn Lodge, Muldersdrift, 13-14 September 2001, 30pp, with Du Toit, C.B.

Capital Mobility in sub-Saharan Africa: A Panel Data Approach. Paper presented at the *8th Annual Conference on Econometric Modelling for Africa*, University of Stellenbosch, Stellenbosch, 3-5 July 2003, 35pp, with De Wet, A.H.

Technological Progress in South Africa. Paper presented at the *9th Annual Conference on Econometric Modelling for Africa*, University of Cape Town, Cape Town, 30 June - 2 July 2004, 30pp, with Du Toit, C.B. and Ground, M.

Does South Africa have the potential and capacity to grow at 7 per cent?: A labour market perspective. Paper presented at the *10th Annual Conference on Econometric Modelling for Africa*, AERC, Nairobi, Kenya, 6 - 8 July 2005, 22pp, with Du Toit, C.B. and Ground, M.

Production with effective labour: a sectoral panel approach. Paper presented at the *12th Annual Conference of the African Econometric Society*, University of Cape Town, Cape Town, 4 – 6 July 2007, with Kibambe, J. and Du Toit, C.B.

Social ingredients in the study of sectoral growth. Paper presented at the *12th Annual Conference of the African Econometric Society*, University of Cape Town, Cape Town, 4 – 6 July 2007, with Kibambe, J. and Du Toit, C.B.

Linking global economic dynamics to a South African specific credit portfolio. Paper presented at the *Biennial Conference of the Economic Society of South Africa*, Indaba hotel, Johannesburg, 10-12 September 2007, with De Wet, A.H.

Inflation and Economic Growth in the Southern African Development Community. Paper presented at the *Economic Society of South Africa (ESSA) Biennial Conference*, University of Stellenbosch, 5-7 September 2011, *with* Manoel Bittencourt and Monaheng Seleteng.

A VECX-star model for South Africa. Paper presented at the *Economic Society of South Africa (ESSA) Biennial Conference*, University of Stellenbosch, 5-7 September 2011, *with* Annari de Waal.

The monetary transmission mechanism in South Africa: A VECM augmented with foreign variables. Poster presentation at the Conference on Computational and Financial Econometrics (CFE'11), Queen Mary, University of London, United Kingdom, December 2011, *with* Annari de Waal.

The monetary transmission mechanism in South Africa: A VECM augmented with foreign variables. Paper presented at the *International Conference on Economic Modelling (EcoMod2012)*, Pablo de Olavide University, Seville, Spain, July 2012, *with* Annari de Waal.

The Style of Colonial Rule and Economic Growth in sub-Saharan Africa: A Long-run Perspective. Presented at the *Conference of the Econometric Society, African Chapter*, hosted in the Kruger National Park, South Africa, July 2016, *with* Clinton Joel.

**SERVICE TO THE
UNIVERSITY:
TEACHING ACTIVITIES**

Courses presented

EKN 110/120: First year course in Economic Principles (Course Coordinator)
EKN 320: Third year course in Economic Analysis
EKN 214: Second year course Macroeconomics
MEK 780: Honours in Macroeconomics
EKT 813: Masters level Econometrics
EBW 801: Research Methodology
EKN/EKT 795: Research Methodology at the Honours level
EKT 723/4: Honours Time Series Econometrics
EKT 814: Panel Data Econometrics course at the Masters level

Supervision of graduate students

Graduation dates of successfully completed studies in parentheses:

PhD/DCom

Naudé, C.M., Determinants of the Location of Industry in South Africa. (Co-Supervised with Dr. Suzanne McCoskey.) (PhD, September 2003)

De Jager, J.L.W., Aspects of Growth Empirics in South Africa. (DCom, April 2004)

Swanepoel, A.J., The Significance of Automatic Fiscal Stabilisers in South Africa. (Co-supervised with Prof Niek Schoeman.) (DCom, April 2004)

Matlanyane, A.R., A Macroeconomic model for the economy of Lesotho. (Co-supervised with Prof Charlotte du Toit.) (PhD, April 2005)

Jordaan, J.C. Foreign direct investment and neighbouring influences. (Co-supervised with Prof Charlotte du Toit.) (PhD, April 2005).

Mokoena, T. Finding theoretical and empirical solutions to the three major puzzles of exchange rate economics: applications in respect of Southern African macroeconomic data (Co-supervised with Prof Rangan Gupta.) (PhD, April 2008).

De Wet, A.H. A Macro-econometric framework for credit portfolio modelling in South Africa (Co-supervised with Prof Rangan Gupta.) (PhD, September 2008).

Ngoie, J.K. A Marshallian macroeconometric model of South Africa (Co-supervised with Prof Charlotte du Toit.) (PhD, September 2009).

Owusu-Sekyere, E. Foreign Inflows of Remittances into Sub-Saharan Africa. (Co-supervised with Dr. Francis Kemegue.) (PhD, April 2012)

Seleteng, M. Inflation and Economic Growth nexus in the context of the Southern African Development Community: A panel data investigation. (Co-supervised with Prof. Manoel Bittencourt.) (PhD, April 2013)

De Waal, The impact of global economic shocks on South Africa amid time-varying trade linkages. (PhD, April 2014)

Thompson, K. Essays on the Impact of Financial Variables on South Africa (Co-supervised with Prof Rangan Gupta and Dr. Christiane Baumeister.) (PhD, September 2014)

Blackmore, S.M. Reversing Poverty: The Role of Institutions, State Capacity and Human Empowerment (Co-supervised with Proff Riel Franzen and Sally Wallace) (PhD, September 2020)

MCom

Swanepoel, A.J. A Commodity import model for the trade balance of South Africa. (September 2000)

Mwenge, K., Modelling imports and exports for Namibia. (September 2002)

De Wet, A.H., Capital Mobility in Sub-Saharan Africa: a panel data approach. (September 2003)

Ehlers, N., A Phillips curve: some evidence for South Africa. (April 2003)

Collins, S., Huishoudingskuld in Siud-Afrika. (September 2003)

Marsberg, D.I., Alternative methods of estimating potential output and the output gap: A South African perspective. (April 2004)

Pillay, N. South African Reserve Bank monetary policy signalling and the term structure of interest rates: A preliminary investigation. (April 2004)

Mashiane, M.M. Structural vector autoregression versus unrestricted vector autoregressionL An application to the South African monetary sector. (April 2004)

Moolman, C.E., Modelling the Marginal Revenue of Water in Selected Agricultural Commodities: A Panel Data Approach (Co-supervised with Prof James Blignaut.) (September 2005)

Le Roux, J.C. Inflation forecasting in the South African economy: a VECM approach. (September 2005)

Motsa, B.G. Testing the convergence hypothesis in sub-Saharan Africa: A Panel data approach. (April 2007)

Goligher, A. The economic impact of the introduction of low-phosphate detergents in South Africa. (Co-supervised with Prof James Blignaut.) (September 2009)

Mostert, D. A generic model to assess the cost associated with eutrophication on property values and recreation applied to the Vaal river. (Co-supervised with Prof James Blignaut.) (September 2009)

De Villiers, L. Development of a model to estimate the cost on agriculture and industry due to eutrophication in the Vaal system. (September 2009)

Durieux, M. The role of fiscal policy in determining economic growth in the context of African countries: a panel data approach. (September 2009)

Sibande, R.X. Costs of Eutrophication at the Vaal River System: An Integrated Economic Model. (Co-supervised with Prof James Blignaut.) (April 2011)

Alton, T. Terms of trade shocks and the effect on the current account in newly industrialised countries – A panel data study. (April 2012)

Van Wyk de Vries, E. Intertemporal portfolio allocation and hedging demand: An application to South Africa. (Co-supervised with Prof. Rangan Gupta.) (April 2012)

Chapman, G.S. The problem of income inequality in South Africa. (April 2012).

Vermaak, B.I. The relationship between the South African stock market and selected macroeconomic variables. (April 2012).

De Bruyn, R. Forecasting the Rand-Dollar and Rand-Pound Exchange Rates using Dynamic Model Averaging. (Co-supervised with Prof. Rangan Gupta.) (April 2013)

Gabriel, S. South Africa and the global economic crisis: Assessing the effects using a static CGE model. (April 2013)

Van Lienden, W. The impact of education on economic growth in Southern African Development Community (SADC) countries. (April 2015)

Trembling, A.B. Export diversification in the growth process: the case of South Africa (Co-supervised with Dr. Reyno Seymore) (April 2015)

Chetty, D. South African Tourism Demand: Africa vs. non-African source markets. (April 2015)

Perry, S.T. Is democracy vital for foreign aid effectiveness? A study on the impact of foreign aid on development in sub-Saharan Africa. (April 2015)

Ntala, M. The impact of natural resources and institutional quality on economic growth. (April 2015)

Nel, A. Investigating the link between the Rand/US dollar exchange rate and commodity price fluctuations. (April 2015).

Clinton, J. The role of colonialism in the growth process in Africa. (April 2016)

Kemp, S. A labour market model for South Africa. (Co-supervised with Dr. Annari De Waal) (April 2016)

Mashinga, A. Oil price volatility and growth in developing economies. (April 2017).

Visser, W. Economic activity and energy consumption: A panel of sub-Saharan African countries. (April 2017).

Difeto, M. Oil price volatility and economic activity in OECD countries. (April 2019)

Ndlovu, P. Corruption, inequality and economic growth: a study of sub-Saharan African countries. (April 2019)

Milindi, K. Exchange rate determination and misalignment. The case of South Africa. (April 2019)

Van der Westhuizen, C. Regime switching in the relationship between equity returns and currency value in South Africa. (April 2019)

Peyper, C. Fostering human empowerment through education: the road to progressive political institutions. (April 2021)

Behrens, A. United States' military personnel contributing to the drug epidemic? (Co-supervision with Prof Nicola Viegi) (April 2021)

Verster, B. The impact of resource abundance and institutional quality on economic growth – A Latin American perspective. (April 2021)

Lourens, A. Gauging the Leviathan: How the Size and Quality of Government Shapes the Social Contract. (September 2021)

BCom (Honours)

Joel, C. Can a structural model of the Rand-US dollar exchange rate outperform a random walk model in terms of forecasting? (April 2014)

Singh, S. The rand-US dollar exchange rate and potential measures for its equilibrium level. (April 2014)

Yip, Y.K. Investigating non-linearities in export demand in South Africa. (April 2015)

Baeta, C.M. The Friedman hypothesis and the effect on inflation targeting in South Africa. (Co-supervised with Dr. Annari De Waal) (April 2015)

Dube, P. Assessing the relationship between the level of inflation and inflation uncertainty in South Africa. (Co-supervised with Dr. Annari De Waal) (April 2015)

Sithole, N.D. Inflation and inflation uncertainty in South Africa. (Co-supervised with Dr. Annari De Waal) (April 2015)

Van Jaarsveld, R. Where has all the money gone? M3 money demand in South Africa. (April 2016)

Yu, J. Purchasing power parity and exchange rates: the case of South Africa and its main trading partners. (April 2016)

Balayanga, H. Purchasing power parity in the BRICS countries. (April 2016)

Stander, X. Real exchange rate depreciation, trade flows and the Trade Balance of South Africa. (co-supervised with Prof. M. Breitenbach) (April 2016).

Mukalayi, N. Is there misalignment in the South African economy? (April 2017).

Bah, F.M. Real effective exchange rate modelling: The case of South Africa. Is there a misalignment? (April 2017).

Van der Westhuizen, C. Is inflation uncertainty a self-fulfilling prophecy? (April 2018)

Milindi, K. Impact of the real exchange rate on Namibia's trade balance: does the Marshall-Lerner condition hold? (April 2018)

Masike, T. The effects of the real exchange rate on the South African Trade Balance (April 2018)

Peyper, C. On the Rand: determinants of the real effective exchange rate and misalignment. (April 2019)

Gandy, A.M. Energy consumption and economic performance: the experience within the Southern African Power Pool. (April 2020)

Kanyika, G.M. Impact of institutional and macroeconomic determinants on South African stock market development. (April 2020)

Cossa S. Oil price volatility and economic performance: Evidence of countries in sub-Saharan Africa. (April 2020)

Theiss, D. Forewarnings of the shock-induced Rand using commodity prices and investors' risk aversion. (April 2021)

Mokoka V. Can the monetary model forecast the exchange rate better than a random walk model? (April 2021)

Course leader: Short courses presented through Enterprises at UP

Act as course leader, co-developer and lecturer for the following courses, presented during May/June and Nov/Dec every year (2006-present):

- Econometrics for the Practitioner
- Econometric Analysis of Cointegration
- Econometric Analysis of Panel data

Training sessions attended by private and government sector employees from across Africa.

Onsite training: Development Bank of Southern Africa (DBSA); South African Reserve Bank (SARB) (Sept 2013; June 2015, Sept 2018, Aug 2019);

Rand Merchant Bank (RMB) (Macroeconomic Modelling) (Nov 2015); Gauteng Department of Economic Planning (Time Series Econometrics) (May 2017);

Department of Mineral Resources (Virtual training course: Time Series Econometrics) (July 2020).

Invited lecturer

United States Naval Academy, 15 to 25 September 2003. Presented lectures on topics in Economic Development and Growth, with special reference to the impact of HIV/AIDS on economic development in sub-Saharan Africa.

Fordham University, New York, United States, 25 May – 5 July 2019. Summer School, Macroeconomic Principles. (Part of exchange programme in Emerging Market Risk between UP and Fordham, acted as a chaperone to exchange students).

External examiner

Act as external examiner for the Economics Department of the University of Stellenbosch and the University of Johannesburg for Econometrics at the Master's level.

**PARTICIPATION IN
EXTERNALLY FUNDED
PROJECTS**

Project LINK

The Department of Economics has been the official representative to the United Nations for Project LINK since the early nineties and contributions entail the semi-annual preparation of a *medium-term forecast*, compiling a *country report* on the South African economy and attending an *international conference*, hosted by the United Nations at the UN Headquarters in New York during March and in a host member country during October of each year. Conference contributions are listed below.

- (i) The South African economy: present state and forecast, *Project Link*, New York, 1994.
- (ii) The South African economy: present state and forecast, *Project Link*, Spain, 1994.
- (iii) The South African economy: present state and forecast, *Project Link*, New York, 1995.
- (iv) The South African economy: present state and forecast, *Project Link*, Pretoria, South Africa, 1995.
- (v) The South African economy: present state and forecast, *Project Link*, New York, 1996.
- (vi) The South African economy: present state and forecast, *Project Link*, Lausanne, Switzerland, 1996.
- (vii) The South African economy: present state and forecast, *Project Link*, New York, 1997.
- (viii) The South African economy: present state and forecast, *Project Link*, Kuala Lumpur, Malaysia, 1997.
- (ix) The South African economy: present state and forecast, *Project Link*, New York, 1998.
- (x) The South African economy: present state and forecast, *Project Link*, Rio de Janeiro, Brazil, 1998.
- (xi) The South African economy: present state and forecast, *Project Link*, New York, 1999.
- (xii) The South African economy: present state and forecast, *Project Link*, Athens, Greece, 1999.
- (xiii) The South African economy: present state and forecast, *Project Link*, New York, 2000.
- (xiv) The South African economy: present state and forecast, *Project Link*, Oslo, Norway, 2000.
- (xv) The South African economy: present state and forecast, *Project Link*, New York, 2001.
- (xvi) The South African economy: present state and forecast, *Project Link*, New York, 2002.
- (xvii) The South African economy: present state and forecast, *Project Link*, Bologna, Italy, 2002.
- (xviii) The South African economy: present state and forecast, *Project Link*, New York, 2003.
- (xix) The South African economy: present state and forecast, *Project Link*, New York, 2004.
- (xx) The South African economy: present state and forecast, *Project Link*, Mexico City, Mexico, 2005.
- (xxi) The South African economy: present state and forecast, *Project Link*, Geneva, Switzerland, 2006.
- (xxii) The South African economy: present state and forecast, *Project Link*, Beijing, China, 2007.

UN/African Modelling Project

Appointed as Econometrician on the project, titled *Development of a Research Network for Development Policy Analysis*. Responsible for training at five workshops during 2001 and 2002. (*Time-series estimation techniques and introduction to Econometrics Software*.) Also responsible for on-line support of participants from 16 African countries in building macro-econometric models for their respective economies with the main purpose of policy analysis and advice, and forecasting.

SARS

Research for the South African Revenue Services (SARS), modelling personal income tax, company tax, the tax gap, the construction of a CGE model and incorporating results in a macroeconometric model for the South African Economy.

Gauteng and Limpopo Treasuries

Preparing an economic outlook for the National as well as provincial economies for the Gauteng and Limpopo over the time horizon up to 2010. Entails macro-level forecasts of all main macroeconomic indicators, using a macroeconometric model for the national economy, and employing input-output tables to forecast sectoral final demand, exports and gross value added.

GOPA

Contracted by GOPA (*Gesellschaft für Organisation, Planning Und Ausbildung*) to present six capacity building workshops during 2014 and 2015 in Ghana in capacity building in revenue and expenditure forecasting and macromodelling, sponsored by *Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GMBH*. Delegates included employees from Ghana Ministry of Finance, Ghana Revenue Authority, Central Bank of Ghana and the Accountant General's Department.

Bank of Uganda

Workshop in Panel Data Econometrics, August 2014.
Workshop in Time Series Econometrics, October 2016.

Central Bank of Lesotho

Workshop in Panel Data Econometrics, April 2016.

Ministry of Economy and Finance, Mozambique

Workshop in Time Series Econometrics, May 2017.
Workshop in Panel Data Econometrics, May 2019.

South African Customs Union (SACU), Windhoek, Namibia

Econometric modelling, including Time Series and Panel Data techniques, 4-8 March 2019.

**SERVICE TO THE
UNIVERSITY:
RESEARCH AND
CONFERENCES**

Maintaining the macroeconometric model of the Department

Responsible for the annual update of the electronic database, re-estimation of all stochastic (behavioural) equations and preparation of baseline forecast semi-annually. Responsible for trade balance forecast and co-author of Country reports for Project LINK. Also responsible for development of and implementation of new developments in model (until December 2010).

Organisation of Conferences

Co-ordinator for 1st, 2nd, 3rd, 6th, 7th and 13th Annual Conferences of the African Econometric Society, hosted by the University of Pretoria during 1996, 1997, 1998, 2001, 2002 and 2008 respectively. The 7th Annual Conference of the African Econometrics Society, hosted by the University of Pretoria, was held at Berg-en-Dal, Kruger National Park, 3-6 July 2002. Responsibilities with respect to conferences included venue arrangements and inspection, travel arrangements, correspondence with participants and organisation of academic programme and social events. Representatives from African countries as well as the US, the UK and a number of European countries attended. The 2008 conference coincided with the centenary celebration of the University of Pretoria. Co-ordinator of the 2016 Conference of the African Chapter of the Econometric Society hosted at the Protea Hotel Kruger Gate, July 2016.

**SERVICE TO THE
UNIVERSITY:
ADMINISTRATIVE DUTIES
& MEMBERSHIP OF
COMMITTEES**

Departmental and Faculty duties & Membership of Committees

Chair of Faculty Committee for Research Ethics, May 2004 to December 2006.

Member of Faculty Committee for Research Ethics, January 2007 to present.

Member of Faculty Research Committee, 2006-2007.

Faculty representative on Information and Technology Committee of the University, until December 2006.

Member: Departmental Daily Management Committee, Department of Economics, 2006-2008.

Responsible for capital budget and computer infrastructure (hardware & software).

Responsible for development and maintaining of the Departmental web site, 2004-2007.

Programme coordinator and Assistant to the HOD of the Department

of Economics, 2010-2012.

Member of the IT Project Prioritisation Committee, 2012 to present.

**PROFESSIONAL
MEMBERSHIPS AND
POSITION**

Serve on the Editorial Board for the *South African Journal of Economics*.

Act as reviewer for *South African Journal for Economic and Management Sciences*, *South African Journal of Economics*, *Meditari*, *Development Southern Africa*, *Economic Modelling*, *ERSA*, *Applied Economics*, *Empirical Economics*, *Journal of Developing Areas*, *Tourism Economics*, *Tourism Management*, *Energy Sources: Economics, Planning and Policy*, *African Development Review*, *Journal of Housing and the Built Environment*, *Applied Energy*, *Journal of Economic Asymmetries*, *Energy Reports*, *Scientific African*, *Bulletin of Economic Research*, *NRF Rating reviews*, *International Journal of Emerging Markets*, *Tourism Geographies*, *European Journal of Political Economy*.

Member of the *Economic Society of South Africa*.

Member of the *Econometric Society*.

Member of the *Association for the Advancement of African Women Economists*.

Secretary of the *African Econometrics Society*, July 2008 to 2011.

PERSONAL INFORMATION

South African citizen

Female

Married to Robert John van Eyden; one son

REFERENCES

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