

RENEÉ VAN EYDEN

PERSONAL INFORMATION

- Citizenship: South African
- Female
- Married

POSTAL ADDRESS

PO Box 112
Southdowns
0123
SOUTH AFRICA

ACADEMIC QUALIFICATIONS

- 1999: University of Pretoria, Pretoria, South Africa,
D Com (Econometrics)
- 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
- 1983: University of the North West, South Africa,
B Sc (Computer Science) (Cum Laude)
- 1980: Matriculated with first class pass
- Distinctions in 7 subjects

PROFESSIONAL EXPERIENCE

- March 1985 – February 1986: Institute for Techno-Economic Research, CSIR
- Computer programmer, SAS
- March 1986 – September 1986: Department of Computer Science, University of South Africa, Pretoria
- Lecturer in Computer Science
- October 1986 – April 1992: Department of Economics, UP
- Researcher
- 1987 – 1988: SACEC (Part-time)
- Computer training in software packages
- 1992 – 1994: Plan Associates (Part-time)
- *Ad hoc* research projects re. Land use and Census data
- May 1992 – present: Department of Economics, UP
- May 1992 – December 2001: Senior lecturer and researcher
 - January 2002 – December 2014 – Associate Professor
 - January 2015 to present – Professor

**MAIN RESEARCH RELATED
ACTIVITIES, FROM 1994
ONWARDS**

Articles in Accredited Journals

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, forthcoming in *African Development Review*, *with* Balcilar, M., Uwilingiye, J. and Gupta, R. (Accepted 2017-02-27) (ISI)
34. Inflation-Growth Nexus in Africa: Evidence from a Pooled CCE Multiple Regime Panel Smooth Transition Model, *Empirical Economics* (2017), doi:10.1007/s00181-017-1237-2 *with* Omay, T. and Gupta, R. (ISI)
35. Comparing the forecasting ability of Financial Conditions Indices: The case of South Africa, under review at *Applied Economics*, *with* Balcilar, M., Gupta, R. and Thompson, K., and Majumdar, A. (Submitted 2017-01-24) (ISI)
36. Effectiveness of Monetary Policy in the Euro Area: The Role of US Economic Policy Uncertainty, under review at *Journal of Policy Modelling*, *with* Balcilar, M., Demirel, R. and Gupta, R. (Submitted 2016-08-29) (IBSS)

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. (Submitted 2015-09-18)

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. (Submitted 2015-09-18)

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.

**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 using EViews and Stata, August 2014.

Workshop in Time Series Econometrics using EViews, October 2016.

Central Bank of Lesotho

Workshop in Panel Data Econometrics using EViews and Stata, April 2016.

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 713: Honours Time Series Econometrics
EKT 814: Panel Data Econometrics course at the Masters level
EKT 813: Masters level Econometrics
EBW 801: Research Methodology
EKN/EKT 795: Research Methodology at the Honours 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 Stabilizers 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)

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, JC. Inflation forecasting in the South African economy: a VECM approach. (September 2005)

Motsa, BG. 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 OPEC countries. (Expected date of graduation, Sept 2017).

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).

Course leader: Short courses presented through CE 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 and June 2015); Rand Merchant Bank (RMB) (Nov 2015).

Invited lecturer

Invited guest lecturer to the 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.

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.

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. On average, about 100 representatives from many countries in Africa, as well as the US, the UK and a number of European countries attended (See page 22 of *Cummuniké*, 2002). 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.

GRANTS AND AWARDS

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

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

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

NRF Rating Category Y2, 2002.

Senior researcher, Department Economics, 2002.

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

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

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

PROFESSIONAL MEMBERSHIPS AND POSITIONS

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*.

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.

REFERENCES

Prof Steve Koch
Department of Economics
University of Pretoria
PRETORIA
0002
Tel: 012 420 2423
E-mail: steve.koch@up.ac.za

Prof Elsabé Loots
Dean: Faculty of Economic and Management Sciences
University of Pretoria
PRETORIA
0002
Tel: 012 420 3111
E-mail: elsabe.loots@up.ac.za

Prof Peter Pauly
Associate Dean, Research and Academic Resources
Joseph L. Rotman School of Management
University of Toronto
105 St. George Street
Toronto, ON M5S 3E6
Tel: 416-978-4331
E-mail: pauly@rotman.utoronto.ca

Ms Ada Sameulson
Senior Programme Manager
Economic Monitoring and Assessment Unit
Department of Economic and Social Affairs
United Nations
2 UN Plaza, Room DCII -2175
New York, N.Y. 10017
Tel: 212-963 3819
E-mail: samuelssona@un.org