

# Curriculum Vitae

Johannes Wolfgang Fedderke

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## 1 Personal Details

Name: Johannes Wolfgang FEDDERKE  
Nationality: South African  
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Professional Association Memberships:  
African Econometrics Society - President 1999 - 2003  
American Economic Association  
Econometric Society  
European Economic Association  
Royal Economics Society  
South African Economics Society  
South African Economic History Society

## 2 Appointments

- Professor of International Affairs (Economics), School of International Affairs, Pennsylvania State University, April 2010 - present. Tenured, full-time.
- Research Fellow: South African Reserve Bank, March 2013 - present.
- Helen Suzman Chair of Political Economy, University of the Witwatersrand, April 2010 - April 2015.
- Professor, Wits Business School, University of the Witwatersrand, April 2010 - present.
- Honorary Research Fellow: Helen Suzman Foundation, 2009 - present.
- National Research Foundation Board Member on Nomination of South African Minister of Finance, Trevor Manuel, July 2008 - 2011.
- Director, Economic Research Southern Africa, ([www.econrsa.org](http://www.econrsa.org)), 2005 – present.
- Director: School of Economics, University of Cape Town, December 2006 – January 2009.
- Editor: South African Journal of Economics, January 2009 - January 2013.
- Consultant: World Bank, 2007 - present.
- Director, Centre for Social Science Research, University of Cape Town, 2005.
- Professor of Economics, University of Cape Town, 2004 – 2010.
- Visiting Professor, School of Economic and Business Science, University of the Witwatersrand, 2004 – 2005.
- Convenor: National Research Foundation Panel for Economics, Management, Administration and Accounting: 2003 - 2005.
- Gencor Professor of Economics, University of the Witwatersrand, 2000 - 2003.
- Visiting Professor: Nuffield College, Oxford, August 2002, on the invitation of David Hendry.
- Visiting Professor: RAND Graduate School, Santa Monica, January – July 2002, September – December 2002.
- Director, Econometric Research Southern Africa. 1999 - 2003.

- Associate Professor, Department of Economics, University of the Witwatersrand, as of April 1997-2000.
- Lecturer, City University, Northampton Square, London, United Kingdom. Appointment effective as of 1 March 1993; held concurrently with the University of Witwatersrand appointment, until April 2000.
- Tenured Lecturer, Department of Economics, University of Natal - Pietermaritzburg. Appointed 1/07/1990 – 30/03/1993.

### 3 Academic History

- Elected as Member of the Academy of Science of South Africa (ASSAf); 2006.
- Ph.D. in Economics at the University of Cambridge, October 1993.
- Master of Philosophy - Economics in the Faculty of Economics and Politics, University of Cambridge, 1987-88.
- Bachelor of Commerce Honours Degree, Department of Economics, University of Natal-Durban, 1986. Degree awarded summa cum laude.
- Bachelor of Commerce, University of Natal-Durban, 1985. Degree awarded cum laude. Major Subjects: Economics First Class, Business Administration First Class.

## 4 Publications

### 4.1 Peer Reviewed Journal Articles

1. Fedderke, J.W., 1991, On an economic limit to ethics, *Theoria*, 78, pp 63-91.
2. Fedderke, J.W., 1992, Pricing Behaviour in South African Manufacturing Industry: 1945-82, *South African Journal of Economics*, 60(2), pp 173-90.
3. Klitgaard, R.E., and Fedderke, J.W., 1995, Social Integration and Disintegration: An Exploratory Analysis of Cross-Country Data, *World Development*, 23(3), pp 357-69.
4. Fedderke, J.W., 1997, The source of optimality in action, *Cambridge Journal of Economics*, 21(3), 339-63.
5. Fedderke, J.W., 1997, Political and Social Dimensions of Economic Growth, *Theoria*, 89, pp 1-42.
6. Fedderke, J.W., and Klitgaard, R.E., 1998, Growth and Social Indicators: An Exploratory Analysis, *Economic Development and Cultural Change*, 46(3), 455-490.
7. Fedderke, J.W., 1999, So Weber was right all along, *Theoria*, 93, pp 133-59.
8. Fedderke, J.W., De Kadt, R.H.J., and Luiz, J., 1999, Economic Growth and Social Capital, *Theory and Society*, 28, 709-745.
9. Fedderke, J.W., De Kadt, R.H.J., and Luiz, J., 2000, Uneducating South Africa: the failure to address the need for human capital - a 1910-93 legacy, *International Review of Education*, 46(3/4): 257-281.
10. Fedderke, J.W., De Kadt, R., and Luiz, J., 2001, Indicators of Political Liberty, Property Rights and Political Instability in South Africa, *International Review of Law and Economics*, 21(1), 103-34.
11. Fedderke, J.W., De Kadt, R.H.J., and Luiz, J., 2001, Growth and Institutions: a study of the link between political institutions and economic growth in South Africa - a time series study, 1935-97, *Studies in Economics and Econometrics*, 25(1), 1-26.

12. Fedderke, J.W. 2001, Growth and Institutions, *Journal of International Development*, 13(6), 645-70.
13. Fedderke, J.W., and Joao, M., 2001, Price Discovery in South African Financial Markets: investigating the relationship between South Africa's stock index futures market and the underlying market, *Studies in Economics and Econometrics*, 25(2), 1-23.
14. Fedderke, J.W., and Joao, M., 2001, Arbitrage, Cointegration and Efficiency in Financial Markets in the Presence of Financial Crisis, *South African Journal of Economics*, 69(3), 366-84.
15. Fedderke, J.W., and Vaze, P., 2001, The Nature of South Africa's Trade Patterns, *South African Journal of Economics*, 69(3), 436-73.
16. Fedderke, J.W., Henderson, S., Kayemba, J., Mariotti, M., and Vaze, P., 2001, Changing Factor Market Conditions in South Africa: The Capital Market – a sectoral description of the period 1970-1997, *Development Southern Africa*, 18(4), 493-512.
17. Fedderke, J.W., and Pirouz, F., 2002 The Role of Mining in the South African Economy, *South African Journal of Economic and Management Sciences*, 5(1),1-34.
18. Fedderke, J.W., 2002, The Structure of Growth in the South African Economy: Factor Accumulation and Total Factor Productivity Growth 1970-97, *South African Journal of Economics*, 70(4), 611-46.
19. Fedderke, J.W., 2002, The Virtuous Imperative: modelling capital flows in the presence of nonlinearity, *Economic Modelling*, 19, 445-61.
20. Fedderke, J.W., and Liu, W., 2002, Modelling the Determinants of Capital flows and Capital Flight: with an application to South African data from 1960-95, *Economic Modelling*, 19, 419-44.
21. Fedderke, J.W., and Mariotti, M., 2002, Changing Labour Market Conditions in South Africa: A Sectoral Analysis of the Period 1970-97, *South African Journal of Economics*, 70(5), 830-64.
22. Fedderke, J.W., and Luiz, J., 2002, Production of Educational Output: time series evidence from socio-economically heterogenous populations - the case of South Africa 1927-93, *Economic Development and Cultural Change*, 51(1), 161-88.
23. Fedderke, J.W., 2002, Technology, Human Capital, Growth and Institutional Development: Lessons from Endogenous Growth Theory, *Theoria*, 100, 1-26.
24. Fedderke, J.W., De Kadt, R.H.J., and Luiz, J., 2003, A Capstone Tertiary Educational system: Inefficiency, Duplication and Inequity in South Africa's Tertiary Education System, 1910-93, *Cambridge Journal of Economics*, 27(3), 377-400.
25. Fedderke, J.W., 2004, Investment in Fixed Capital Stock: testing for the impact of sectoral and systemic uncertainty, *Oxford Bulletin of Economics and Statistics*, 66(2), 165-87.
26. Fedderke, J.W., and Vaze, P., 2004, Response to Rangasamy and Harmse: Trade Liberalisation in the 1990's, *South African Journal of Economics*, 72(2), 408-13.
27. Fedderke, J.W. and Schaling, E., 2005, Modeling Inflation in South Africa: A Multivariate Cointegration Analysis, *South African Journal of Economics*, 73(1), 79-92.
28. Perkins, P., Fedderke, J.W., and Luiz, J.M., 2005, An Analysis of Economic Infrastructure Investment in South Africa, *South African Journal of Economics*, 73(2), 211-28.
29. Fedderke, J.W. and Flamand, P., 2005, Macroeconomic News "Surprises" and the Rand/Dollar Exchange Rate, *Studies in Economics and Econometrics*, 29(3), 1-16.
30. Fedderke, J.W., Perkins, P., and Luiz, J.M., 2006, Infrastructural Investment in Long-run Economic Growth: South Africa 1875-2001, *World Development*, 34(6), 1037-59.

31. Fedderke, J.W., and Klitgaard, R.E., 2006, Economic Growth and Social Indicators: An Exploratory Analysis, *Journal of Comparative Policy Analysis*, 8(3), 283-303.
32. Bogetić, Ž., and Fedderke, J.W., 2006, International Benchmarking of South Africa's Infrastructure Performance, *Journal of Development Perspectives*, 2(1), 7-31.
33. Fedderke, J.W., and Romm, A., 2006, Growth Impact and Determinants of Foreign Direct Investment into South Africa, 1956-2003, *Economic Modelling*, 23, 738-60.
34. Bogetić, Ž., and Fedderke, J.W., 2006, Forecasting Investment Needs in South Africa's Electricity and Telecommunications Sectors, *South African Journal of Economics*, 74(3), 557-74.
35. Fedderke J.W., and Schirmer, S., 2006, The R&D Performance of the Private Manufacturing Sector, 1970-1993, *Economic Change and Restructuring*, 39(1-2), 125-51.
36. Fedderke J.W., Kularatne, C., and Mariotti, M., 2007, Mark-up Pricing in South African Industry, *Journal of African Economies*, 16(1), 28-69.
37. Fedderke, J.W., and Luiz, J.M., 2007, Fractionalization and Long-Run Economic Growth: Webs and Direction of Association between the Economic and the Social - South Africa as a Time Series Case Study, *Applied Economics*, 39, 1037-52.
38. Fedderke, J.W. and Fitschen, A., 2007, The Structure of Growth in the Western Cape Manufacturing Sector, 1970 to 1996, *Studies in Economics and Econometrics*, 31(3), 1-42.
39. Fedderke, J.W., Luiz, J.M., and De Kadt, R.H.J., 2008, Using Fractionalization Indexes: deriving methodological principles for growth studies from time series evidence, *Social Indicators Research*, 85, 257-78.
40. Fedderke, J.W., and Luiz, J.M., 2008, The Political Economy of Institutions, Stability and Investment: a simultaneous equation approach in an emerging economy – the case of South Africa. *Journal of Development Studies*, 44(7), 1056-79.
41. Fedderke, J.W., and Luiz, J.M., 2008, Does Human Generate Social and Institutional Capital? Exploring Evidence from South African Time Series Data, *Oxford Economic Papers*, 60, 649-82.
42. Aghion, P., Braun, M., and Fedderke, J.W., 2008, Competition and Productivity Growth in South Africa, *Economics of Transition*, 16(4), 741-68.
43. Fedderke, J.W. and Simbanegavi, W., 2008, South African Manufacturing Industry Structure and its Implications for Competition Policy, *Journal of Development Perspectives*, 4(1), 134-89.
44. Fedderke J.W. and Szalontai, G., 2009, Industry Concentration in South African Manufacturing: Trends & Consequences, 1970-1996. *Economic Modelling*, 26(1), 241-50.
45. Fedderke, J.W., and Bogetić, Ž., 2009, Infrastructure and Growth in South Africa: Direct and Indirect Productivity Impacts of 19 Infrastructure Measures, *World Development*, 37(9), 1522-39.
46. Fedderke, J.W., 2010, Optimal Sets of Candidates. *Economics and Politics*, 22(2), 127-50.
47. Fedderke, J.W., and Pillay, N., 2010, Theory-Consistent Formal Risk Measures: Using Financial Market Data from a Middle Income Context, *Oxford Bulletin of Economics and Statistics*, 72(6), 769-93.
48. Lacerda, M., Fedderke, J.W., and Haines, L.M., 2010, Testing for purchasing power parity and uncovered interest parity in the presence of monetary and exchange rate regime shifts, *South African Journal of Economics*, 78(4), 363-82.
49. Fedderke, J.W., and Hill, A.J., 2011, Industry Structure and Labour Market Flexibility in the South African Manufacturing Sector: A Time Series and Panel Data Approach. *Economic Modelling*, 28, 1291-302.

50. Fedderke, J.W., and Teubes, B., 2011, Fiscal Incentives for Research and Development, *Applied Economics*, 43(14), 1787-800.
51. Fedderke, J.W., and Naumann, D., 2011, An Analysis of Industry Concentration in South African Manufacturing, 1972-2001, *Applied Economics*, 43(22), 2919-39.
52. Fedderke, J.W., and Simbanegavi, W., 2012, Price Elasticities and Pricing Power in Emerging Markets: The Case of Petrochemicals Derived Plastics in South Africa, *South African Journal of Economics*, 80(1), 16-41.
53. Fedderke, J.W., and Garlick, J., 2012, Measuring Institutions: Indicators of Political and Property Rights in Malawi, *Social Indicators Research*, 106(3), 491-521.
54. Fedderke, J.W., and Simkins, C., 2012, Economic Growth in South Africa, *Economic History of Developing Regions*, 27(1), 176-208.
55. Gwenhamo, F., Fedderke, J.W., and De Kadt, R., 2012, Indices of political freedoms, property rights, and political instability for Zimbabwe, *Journal of Peace Research*, 49(4), 593-603.
56. Fedderke, J.W., Shin, Y., and Vaze, P., 2012, Trade and Labor Usage: An Examination of the South African Manufacturing Industry, *Oxford Bulletin of Economics and Statistics*, 74(6), 808-30.
57. Fedderke, J.W., 2012, The Cost of Rigidity: the case of the South African labor market, *Comparative Economic Studies*, 54, 809-42.
58. Fedderke, J.W., and Klitgaard, K.E., 2013, How Much Do Rights Matter? *World Development*, 51, 187-206.
59. Aghion, P., Fedderke, J.W., Howitt, P., and Viegli, N., 2013, Testing Creative Destruction in an Opening Economy: the Case of the South African Manufacturing Industries, *Economics of Transition*, 21(3), 419-50.
60. Fedderke, J.W., and Gwenhamo, F., 2013, The Composition of Foreign Capital Stocks in South Africa: The Role of Institutions, Domestic Risk and Neighbourhood Effects, *Economic Modelling*, 35, 763-70.
61. Fedderke, J.W., 2013, The Objectivity of National Research Foundation peer review in South Africa assessed against bibliometric indexes *Scientometrics*, 97(2), 177-206, DOI: 10.1007/s11192-013-0981-0.
62. Fedderke, J.W., and Kaya, T., 2014, The Productivity Impact of Infrastructure in Turkey, 1987-2006, *Journal of Infrastructure Systems*, 20(3), 04014011-1 - 04014011-16.
63. Agbor, J.A., Fedderke, J.W., and Viegli, N., 2014, How Colonial Educational Practices Helped Shape the Pattern of Decolonization in West Africa, *International Journal of Development and Conflict*, 4, 1-23.
64. Fedderke, J.W., and Ventrizzo, M., 2014, Do Conservative Justices Favor Wall Street? *Florida Law Review*, forthcoming.
65. Fedderke, J.W., and Goldschmidt, M., 2015, Does Massive Funding Support of Researchers Work?: Evaluating the Impact of the South African Research Chair Funding Initiative, *Research Policy*, 44, 467-82, <http://dx.doi.org/10.1016/j.respol.2014.09.009>.
66. Fedderke, J.W., forthcoming, Promotion and Relegation between Country Risk Classes as Maintained by Country Risk Rating Agencies, *Procedia Economics and Finance*, Bank of International Settlements and World Bank.

## 4.2 Other Peer Reviewed Publications

1. Klitgaard, R.E., Fedderke, J.W., and Akramov, K., 2005, Choosing and Using Performance Criteria, in R.E.Klitgaard and P.C. Light (eds.), *High Performance Government: Structure, Leadership, Incentives*, Santa Monica: Pardee RAND Graduate School, 407-46.
2. Fedderke, J.W., 2006, From Chimera to Prospect: Toward an Understanding of the South African Growth Absence, Borat, H., ed., *Poverty and Policy in Post-Apartheid South Africa*, HSRC Press.
3. Fedderke, J.W., and Loewald, C., forthcoming, Inflation and the costs of production: understanding industry structure and pricing behavior in formulating a macroeconomic and monetary policy framework in South Africa, Santa Monica: Pardee RAND Graduate School.
4. Fedderke, J.W., 2005, South Africa: Sources and Constraints of Long-Term Growth, *World Bank Africa Region Working Paper Series Number 94*.
5. Fedderke, J.W., and Szalontai, G., 2005, Industry Concentration in South African Manufacturing: Trends and Consequences, *World Bank Africa Region Working Paper Series Number 96*.
6. Bogetić, Ž., and Fedderke, J.W., 2006, Forecasting Investment Needs in South Africa's Electricity and Telecommunications Sectors, *World Bank Policy Research Working Paper Number 3829*.
7. Bogetić, Ž., and Fedderke, J.W., 2006, International Benchmarking of South Africa's Infrastructure Performance, *World Bank Policy Research Working Paper Number 3830*.
8. Bogetić, Ž., and Fedderke, J.W., 2006, International Benchmarking of Infrastructure Performance in the Southern African Customs Union Countries, *World Bank Policy Research Working Paper Number 3987*.
9. Fedderke, J.W., and Bogetić, Ž., 2006, Infrastructure and Growth in South Africa: Direct and Indirect Productivity Impacts of 19 Infrastructure Measures, *World Bank Policy Research Working Paper Number 3989*.
10. Fedderke, J.W., 2006, Technology, Human Capital and Growth: evidence from a middle income country case study applying dynamic heterogeneous panel analysis, in South African Reserve Bank, Banco de Mexico and The People's Bank of China (eds.) *Economic Growth, Proceedings of a G20 seminar held in Pretoria, South Africa, on 4-5 August 2005*.
11. Fedderke, J.W., 2009, Determinants of Investment and its Impact on South African Growth, in J. Aron and J. Muellbauer (eds.), *A Review of South African Economic Policy under Democracy*, Oxford: University Press, pp 182-210.
12. Fedderke, J.W., 2009, Commentary: some issues in modelling and forecasting inflation in South Africa, in *Challenges for Monetary Policy-makers in Emerging Markets, South African Reserve Bank Conference Series 2008*, South African Reserve Bank.
13. Fedderke, J.W., 2010, Sustainable growth in South Africa, in L. de Mello (ed.), *Growth and Sustainability in Brazil, China, India, Indonesia and South Africa*, Paris: Organization of Economic Cooperation and Development (OECD), pp 147-88.
14. Fedderke, J.W., 2013, Competition, industrial structure and economic growth, in *Monetary Policy and the Challenge of Economic Growth: South African Reserve Bank Conference Series 2012*, South African Reserve Bank, pp 91-132.
15. Fedderke, J.W., 2014, South Africa's Growth Performance, in H. Borat, A. Hirsch, R. Kanbur and M. Ncube (eds.), *The Oxford Companion to the Economics of South Africa*, Oxford: University Press, pp 39-50.
16. Fedderke, J.W., 2014, Promotion and Relegation between Country Risk Classes as Maintained by Country Risk Rating Agencies, *South African Reserve Bank Working Paper, WP/14/03*.

17. Fedderke, J.W., 2014, Exploring Unbalanced Growth in South Africa: Understanding the Sectoral Structure of the South African Economy, *South African Reserve Bank Working Paper, WP/14/07*.
18. Fedderke, J.W., 2015, Structural Dynamics of Income Inequality and Economic Growth: The South African Evidence in International Comparative Perspective, *South African Reserve Bank Working Paper, forthcoming*.
19. Fedderke, J.W., 2015, Accounting for Productivity Growth: Schumpeterian versus Semi-Endogenous Explanations, *South African Reserve Bank Working Paper, forthcoming*.

### 4.3 Other Publications

1. Klitgaard, R.E., and Fedderke, J.W., 1994, What is Social Integration? An Exploratory Analysis of Cross-Country Data, Commissioned Report to the World Bank, pp 1-120.
2. Fedderke, Johannes, and Klitgaard, Robert, 1998, Economic Growth and Social Indicators, *RAND Reprints, Rand/RP-721*, from Economic Development and Cultural Change.
3. Fedderke, J.W., De Kadt, R.H.J., and Luiz, J., 1999, Unravelling the Education Crisis, *Indicator SA*, 15(4).
4. Fedderke, J.W., 2000, Growth & Innovation: perspectives on the interaction between economic growth, science, technology and human capital, National Advisory Council on Innovation, National Science and Technology Forum.
5. Fedderke, J.W., Henderson, S., Kayemba, J., Mariotti, M., and Vaze, P., 2000, A Descriptive Analysis of Sectoral Investment in South Africa, *Trade and Industry Monitor*, 15.
6. Fedderke, J.W., Henderson, S., Kayemba, J., Mariotti, M., and Vaze, P., 2000, The Investment Rate in South Africa: A Decomposition by Economic Sector, *Trade and Industry Monitor*, 15.
7. Fedderke, J.W., 2000, An Econometric Analysis of Sectoral Investment in South Africa, *Trade and Industry Monitor*, 15.
8. Cassim, R., Fedderke, J.W., and Van Seventer, D.E., 2000, Estimating Investment Functions for South African Manufacturing: some policy recommendations and suggestions for further research, *Trade and Industry Monitor*, 15.
9. Aghion, P., Braun, M., and Fedderke, J.W., 2006, Competition and Productivity Growth in South Africa, *Center for International Development at Harvard Working Paper No. 132*.

### 4.4 Revise and Resubmits

1. Fedderke, J.W., and Kularatne, C., Elites Behaving Badly.
2. Fedderke, J.W., and Marinkov, M., Diagnosing the Source of Financial Market Shocks: an application to the Asian Financial Crisis.
3. Agbor, J.A., Fedderke, J.W., and Viegi, N., A Theory of Colonial Governance.

### 4.5 Papers Under Review

1. Touna Mama, A. Pillay, N., and Fedderke, J.W., Economies of Scale and Pension Fund Plans.
2. Fedderke, J.W., Lourenco, I., and Gwenhamo, F., Alternative indices of political freedoms, property rights, and political instability for Zambia.
3. Fedderke, J.W., and Jett, D., What Price the Court of St. James? Political Influences on Ambassadorial Postings of the United States of America.



4. Fedderke, J.W., and Ventoruzzo, M., Are Justices of the US Supreme Court Islands Unto Themselves? Examining external influences on US Supreme Court rulings in securities cases.
5. Fedderke, J.W., Promotion and Relegation between Country Risk Classes as Maintained by Country Risk Rating Agencies.
6. Fedderke, J.W., Klitgaard, R.E., MacMurray, J.P., and Napolioni, V., Diagnosing Deep Roots of Development: Genetic, Disease, and Environmental Factors.
7. Fedderke, J.W., Li, K., Art in Africa: Market Structure and Pricing Behavior in the South African Fine Art Auction Market, 2009 - 2013.

## 5 Invited Keynote, Presidential and Plenary Addresses

- *From Uneducating to Educating South Africa: some thoughts on new policy imperatives in education*, Kenton Conference on Education, October 1999.
- *Lessons from South African Higher Education*, at the Bram Fischer Symposium on Academic Development, by invitation of the University of Oxford, Oxford Brookes University, and the University of Natal, August 2001.
- *Explaining the Growth Absence*, Closing Plenary Panel Presentations, Trade and Industry Policy Secretariat Annual Forum, September 2001.
- Moderator: World Economic Forum, *Benefiting from the International Trading System: How Should Africa Position Itself?*, 13 June 2003, Durban South Africa.
- *Just How Suboptimal is Robert Mugabe? Optimizing Candidates Seeking Elected Office*. Presidential Address: African Econometric Society, Stellenbosch, July 2003.
- *Technology, Human Capital and Growth*, invited address presented at the G20 Meeting held in Pretoria, South Africa, 4-5 August 2005.
- *Institutional Dimensions of Current Account Sustainability*, invited address presented at the United Nations Development Programme, Economic Commission for Africa Workshop on Current Account Sustainability in Africa, held in Accra, Ghana, 20 – 22 September 2005.
- *Political Economy of Shared Growth: Comparing the African and South Asian Experiences*, Annual Bank Conference on Development Economics, June 9-11, 2008, on invitation of Robert Bates.
- *Infrastructure, Productivity and Growth in Africa: What Have we Learned?* Invited Session Organizer and Coordinator at Annual Bank Conference on Development Economics, June 9-11, 2008.
- *Sustainable Growth in South Africa*, Conference on the Growth Performance and Sustainability in the EE Countries, Organization for Economic Cooperation and Development, September 2009.
- *Foreign Direct Investment in Africa and the Arab World*, African Union - League of Arab States High Level Experts Meeting on Investment Prospects in Africa and the Arab World. Three presentations. October 2009, Cairo. February 2010, Cairo. August 2010, Tripoli.
- *Structural Determinants of South African Labour Market Conditions*, Workshop on Employment - Global and Country Perspectives, Second Conversation with Economists and Policy Makers from G20 Countries, Hosted Jointly by the World Bank, the Stern School and ICRIER, September 26-27, 2011.
- *Horns of a Human Capital Dilemma: how investment in human capital led to the Arab Spring*, Round Table Panellist, Association for the Study of the Middle East and Africa Washington DC Conference, October 11-13, 2012.
- *Investment Climate in the League of Arab States and African Union - Analysis and Policy Implications*, Arab/Africa Economic Forum, Kuwait City, November 11-12, 2013.

## 6 Guest Editorships of Journals

- Guest Editor, Special Issue on Data Questions Related to Industry and Manufacturing Sector Studies in South Africa, *Journal of Development Perspectives*, 4(1).
- Guest Editor, with Philippe Aghion, 2008, A Symposium on Fostering Growth in South Africa, *Economics of Transition*, 16(4).
- Guest Editor, with Murray Leibbrandt, 2006, African Econometric Society Special Issue, *Economic Modelling*, 23.
- Guest Editor, 2002, South African Economic Growth, *South African Journal of Economics*, 70(4).

## 7 Other Academic Activity

- Member of the International and Local Panel of Experts charged with developing a growth diagnostic for South Africa. Panel led by Ricardo Hausmann and Dani Rodrick.
- Convenor, of National Research Foundation Assessment Panel for Economics, Management, Administration and Accounting for 2004-2005.
- Member of National Research Foundation Assessment Panel for Economics, Management, Administration and Accounting for 2003-2004.
- Moderator, Session entitled Benefiting from the International Trading System: How Should Africa Position Itself?, World Economic Forum Africa Meeting, Durban, 2003.
- Member of Editorial Board:
  - South African Journal of Economics, from 2001.
  - Economic Modelling, from 2002 - 2014.
  - Journal of African Economies, from 2002.
  - Studies in Economics and Econometrics, from 2003.
- Organized Fourth and Fifth Annual Conference of the African Econometrics Society, 1999 and 2000.
- Invited by the South African Department of Trade and Industry and the Development Bank of Southern Africa to teach a week-long intensive course in Advanced Time Series Analysis in January 1998.
- Supervision of:
  - Invited Supervisor of PhD dissertation in Economics at University of Maastricht.
  - 5 completed PhD Dissertations, one of which has been awarded the Economics Society of South Africa Founders Medal for best Ph.D. thesis submitted at a South African University.
  - Currently supervising 3 Ph.D. students.
  - More than 20 completed Masters Dissertations, two of which have been awarded the Economics Society of South Africa Founders Medal for best Masters thesis submitted at a South African University.
- Supervisor on taught Masters Programme at the School of Oriental and African Studies, University of London.
- Referee to the Academic Press (Harcourt Science and Technology Company), San Diego, California, on book manuscripts.

- Referee to the following journals: American Journal of Political Science; Journal of Development Economics; Journal of Economic Literature; Bulletin of Economic Research; Economic Development and Cultural Change, Cambridge Journal of Economics; World Development; Oxford Bulletin of Economics and Statistics; Oxford Economic Papers; Applied Financial Economics; Journal of African Economies; South African Journal of Economics; British Journal of Political Science; Development Southern Africa; Theoria.
- External examiner: Postgraduate economics programme at the University of Cape Town; Postgraduate Programme at the University of the Western Cape, Postgraduate Programme at the University of Pretoria, MA econometrics programme of the African Economic Research Consortium, Nairobi; University of Malawi; Postgraduate macroeconomics programme, University of Natal –Pietermaritzburg.

## 8 Research Reports

- *A Case of Polarization Paralysis: The debate surrounding a growth strategy for South Africa*, 1997, Centre for Development Studies.
- *Macroeconomic Forecasts of the Demand for Low Density and Linear Low Density Polyethylene Demand*, 1997, Genesis Analytics and Polifin.
- *Review of the Role of Central Banks in Development*, 1998, South African House of Parliament’s Parliamentary Sub-Committee on Finance.
- *Trade Flows: World and Regional Trends and Developments*, 1998, South African Revenue Services and Price Waterhouse Cooper.
- *Contagion Effects in the Asian Financial Crisis*, 1999, South African Financial Services Board, IOSCO, Genesis Analytics.
- *The Efficiency of the South African Futures Markets*, 1999, South African Financial Services Board, Genesis Analytics.
- *The Impact of Trade Liberalization on South African Employment*, 1999, South African Department of Finance. The report consisted of three components.
- *The Role of Mining in the South African Macroeconomy, 1970-98*, 1999, South African Chamber of Mines.
- *Investment in Fixed Capital Stock: the South African Manufacturing Industry 1970-97*, 2000, South African Department of Trade and Industry.
- *Growth and Innovation: examining the interaction between economic growth, employment, human development and science and technology. The international and South African evidence*, 2000, National Advisory Council on Innovation, National Science and Technology Forum, South African Department of Arts, Culture, Science and Technology.
- *Forecasting Inflation in South Africa*, 2000, South African Department of Finance.
- *Mark-up Pricing in South African Industry*, 2001, South African National Treasury.
- *Wage Elasticities by Skills Level in South African Two Digit Industry Sectors*, 2001, South African National Treasury.
- *The Relative Impact of Private and Public Sector Investment on Long Run Economic Output in South Africa*, 2001, South African National Treasury.
- *From Chimera to Prospect: Toward an Understanding of the South African Growth Absence*, 2003, Report to the World Bank and SA National Treasury.

- *Fiscal Incentives for Research and Development: Possibilities and Costing*, 2003, ESKOM and DACST.
- *Industry Concentration in South African Manufacturing: Trends & Consequences, 1970-1996*, Report to the World Bank and SA National Treasury, 2004.
- *Industry Concentration in South African Manufacturing: 1996-2001*, Report to World Bank and DTI.
- *The Structure of Growth in the Manufacturing Sector of the Western Cape, 1970 -1996*, Report to the Western Cape Treasury.
- *The Western Cape's Manufacturing Sector: Employment Trends and Determinants from 1976 to1996*, Report to the Western Cape Treasury.
- *The Western Cape's Manufacturing Sector: Investment Trends and Determinants from 1976 to1996*, Report to the Western Cape Treasury.
- *Price Elasticities in Sasol's LDPE, LLDPE, PVC and PP Markets*, Report to Sasol Polymer Division.
- *Market Concentration and Pricing Power in Sasol's LDPE, LLDPE, PVC and PP Markets*, Report to Sasol Polymer Division.
- *Pricing Strategies of South African Upstream Firms with Economies of Scale: Is Import Parity Pricing Necessarily Excessive?* with Volker Schoer, Report to Sasol Polymer Division.
- *Measuring the Strength of Mark-up Pricing in South African Polymer Markets*, Report to Sasol Polymer Division.
- *Comments on ITAC Report No. 151: Reduction in the Rates of Duty on Paper and Paperboard and ancillary documents*, with Robert Garlick, Neryvia Pillay and Stephen Scordilis, Report to Paper Manufacturers' Association of South Africa.
- *PAMSA Response to the Second PIFSA Report: Expert Opinion*, with Witness Simbanegavi, Report to Paper Manufacturers' Association of South Africa.
- *Infrastructure Barometer 2008: Introduction*, with R.J. Garlick, prepared as Chapter 1 of the Development Bank Southern Africa. Summary of state of knowledge on infrastructure investment and its productivity impact in South Africa.
- *South African Manufacturing Industry Structure and its Implications for Competition Policy*, with Witness Simbanagavi. Report prepared for OECD to assist in their preparation of the Economic Assessment of the South African Economy, 2008. Report prepared 2007-8.
- *Infrastructure database for report for: South Africa and Zimbabwe*, World Bank, 2008-9.
- *The Sustainability and Structure of South African Growth Performance*. Report prepared for OECD workshop on sustainable growth, September 2009.
- *Investment Prospects in Africa and the Arab World*. Report prepared for the Organising Committee meeting of the African Union/League of Arab States "High Level Experts Meeting on Investment Prospects in Africa and the Arab World." Report prepared 2009.
- *Joint Action Plan for the Promotion of Investment Exchange Between the AU and the LAS*. Action plan prepared on basis of technical report on FDI flows in Africa and the League of Arab States, in order to create incentives fro increased investment flows in the regions. Action plan prepared for the Organising Committee meeting of the African Union/League of Arab States "High Level Experts Meeting on Investment Prospects in Africa and the Arab World." Action plan prepared 2009.
- *An Early Warning Systems for Financial and Macroeconomic Crises for the SADCC Region*, for the Southern African Development and Cooperation Community and the European Union, 2010.

- *Study on Afro-Arab Cooperation for the Promotion of Investment Flows Between Arab and African Countries*, for Arab Bank for Economic Development in Africa, Report presented to High Level Symposium of the African Union and the League of Arab States, Tripoli, September 2010.
- *Investment Climate in the League of Arab States and the African Union – analysis and policy implications*, Africa-Arab Economic Forum, Kuwait, November 2013.

## 9 Papers Delivered

- An Analysis of the Economic Implications of the 1985 RSA Budget, Economics Society of South Africa, Natal Branch, March 1985.
- Pricing Behaviour in South African Manufacturing Industry, 1945-82, Economics and Business Management Conference, National Productivity Institute, Pretoria, 1990.
- Optimality in action, Kansantaloustieteen Valtakunnallinen Jatkokoulutusohjelma, Helsinki, June 1993.
- Estimating Production Functions from Time Series Data, Applied Econometrics Research Unit, Staff Seminar, City University, October 1995.
- Economic Growth and Social Indicators, Applied Econometrics Research Unit, Discussion Paper No. 45, City University, March 1996.
- Production under Uncertainty and with Learning, Second Econometric Conference for Africa, June 1997.
- Growth and Institutions, Economic Society of South Africa Conference, September 1997.
- South African Capital Flows and Capital Flight over the 1960-95 period, with William Liu, Second Econometric Conference for Africa, June 1998.
- Production of Educational Output: time series evidence from socio-economically heterogenous populations - the case of South Africa 1910-93, Centre for Population Studies, University of Michigan (Ann Arbor), Seminar Series, April 1999.
- Production of Educational Output: time series evidence from socio-economically heterogenous populations - the case of South Africa 1910-93, Princeton University, Seminar Series, April 1999.
- South African Capital Flows and Capital Flight over the 1960-95 period, Centre for the Study of African Economies seminar series, Oxford University, April 1999.
- South African Capital Flows and Capital Flight over the 1960-95 period, European Meeting of the Econometrics Society, August-September 1999.
- Trade and Labor Usage: An Examination of the South African Manufacturing Industry, with Yongcheol Shin and Prabhat Vaze, Fifth Conference of the African Econometrics Society, 2000.
- Investment in Fixed Capital Stock: testing for the impact of sectoral and systemic uncertainty. Fifth Conference of the African Econometrics Society, 2000.
- Investment in Fixed Capital Stock: testing for the impact of sectoral and systemic uncertainty. New Perspectives on Fixed Investment: Where is the research agenda leading? Conference organised under the sponsorship of the ESRC project: "An exploration of the problem of UK investment using long-run survey data" (Grant R022250159) Royal Economics Society, April 2001.
- Investment in Fixed Capital Stock: testing for the impact of sectoral and systemic uncertainty. Royal Economics Society Conference, April 2001.
- Growth and Innovation: testing for the impact of innovation in a middle income country using dynamic heterogeneous panel analysis. Sixth Conference of the African Econometrics Society, 2001.

- Growth and Innovation: testing for the impact of innovation in a middle income country using dynamic heterogeneous panel analysis. Trade and Industry Policy Secretariat Annual Forum, 2001.
- Explaining the Growth Absence, Trade and Industry Policy Secretariat Annual Forum, 2001.
- Growth and Innovation: testing for the impact of innovation in a middle income country using dynamic heterogeneous panel analysis. Economics Society of South Africa Conference, 2001.
- Technology, Human Capital and Growth: evidence from a middle income country case study applying dynamic heterogeneous panel analysis, Annual Conference of the Centre for the study of African Economies, University of Oxford, March 2002. (Session Organizer).
- Technology, Human Capital and Growth: evidence from a middle income country case study applying dynamic heterogeneous panel analysis, Royal Economics Society Conference, University of Warwick, March 2002.
- Technology, Human Capital and Growth: evidence from a middle income country case study applying dynamic heterogeneous panel analysis, Ninth Conference of the International Schumpeter Society, University of Florida, Gainesville, March 2002.
- Trade and Labor Usage: An Examination of the South African Manufacturing Industry, at the University of Nottingham, August 2002.
- Mark-up Pricing in South African Industry, at the Royal Economic Society Conference, Swansea, April 2004.
- Just how sub-optimal is Robert Mugabe? Optimizing Candidates Seeking Elected Office, at the European Public Choice Society Conference, Berlin, April 2004.
- Mark-up Pricing in South African Industry, at the International Industrial Organization Conference, Chicago, April 2004.
- From Chimera to Prospect: Explaining the South African Growth Absence, at the World Bank, Washington DC, April 2004.
- Inflation and the costs of production: understanding industry structure and pricing behavior in formulating a macroeconomic and monetary policy framework in South Africa, at the RAND Symposium Linking Think Tanks Globally, May 2005.
- Does Human generate Social and Institutional Capital? Exploring Evidence from Time Series Data in a Middle Income Country, at the Tenth Annual Conference of the African Econometrics Society, Nairobi, July 2005.
- Infrastructural Investment in Long-run Economic Growth: South Africa 1875-2001 (with Peter Perkins), at the Tenth Annual Conference of the African Econometrics Society, Nairobi, July 2005.
- Infrastructure and Growth In South Africa: Benchmarking, Productivity, And Investment Needs (with Zeljko Bogetic), at the Biannual Conference of the Economics Society of South Africa, Durban, September 2005.
- The Impact of Performance Intensive Policy Intervention: Aid Policy that is Performance Intensive, American Economics Association Meeting, Boston, January 2006.
- The Impact of Performance Intensive Policy Intervention: Aid Policy that is Performance Intensive, Harvard School of Public Health, Boston, January 2006.
- The Impact of Performance Intensive Policy Intervention: Aid Policy that is Performance Intensive, Royal Economics Society Conference, Nottingham, April 2006.
- Price Elasticities in Emerging Market Petro-Chemicals Derived Plastics Industries, at the Eleventh Annual Conference of the African Econometrics Society, Dakar, July 2006.

- Infrastructure and Growth in South Africa: Direct and Indirect Productivity Impacts of 19 Infrastructure Measures, Centre for the Study of African Economies Conference, April 2007, University of Oxford.
- Competition and Productivity Growth in South Africa, Centre for the Study of African Economies Conference, April 2007, University of Oxford.
- Price Elasticities and Pricing Power in Emerging Markets: the case of Petrochemicals Derived Plastics in South Africa, (with Witness Simbanegavi) at the International Industrial Organization Conference, Savannah, April 2007.
- A Theoretical Diagnostic for the Characterization of Conflict Forms, at the Twelfth Annual Conference of the African Econometrics Society, Cape Town, July 2007.
- Competition and Productivity Growth in South Africa, Norwegian University of Science and Technology, Trondheim, October 2007.
- The Spatial Distribution of Manufacturing in South Africa 1970-1996, its Determinants and Policy Implications, American Economics Association Meetings, New Orleans, January 2008.
- Competition and Productivity Growth in South Africa, International Monetary Fund, Washington DC, January 2008.
- Testing Creative Destruction in an Opening Economy: the Case of the South African Manufacturing Industries, Western Economic Association Pacific Rim Conference, March 2009.
- Diagnosing the Source of Financial Market Shocks: an application to the Asian Financial Crisis, International Atlantic Economics Association, Istanbul, April 2012.
- What Price the Court of St. James? Political Influences on Ambassadorial Postings of the United States of America, International Atlantic Economics Association, Montreal, October 2012.
- Investment Climate in the League of Arab States and the African Union – analysis and policy implications, Africa-Arab Economic Forum, Kuwait, November 2013.
- Promotion and Relegation between Country Risk Classes as Maintained by Country Risk Rating Agencies, IEA World Congress, Jordan, June 2014.
- Promotion and Relegation between Country Risk Classes as Maintained by Country Risk Rating Agencies, Fifth Joint Bank of International Settlements/World Bank Joint Public Investor’s Conference, 17-18 November 2014.

## 10 Articles of a More Popular Nature

1. Fedderke, J.W., 1998, Bank’s functions must be seen to be done, *Business Day*, Wednesday July 8 1998, p11.
2. Fedderke, J.W., 2003, Higher pay means fewer jobs, *Mail and Guardian*, May 16 to 22 2003, p24.
3. Fedderke, J.W., 2003, Focus on the unemployed rather than labour aristocracy, *Mail and Guardian*, June 6 to 12 2003, p22.
4. Fedderke, J.W., and Schöer, V., 2006, The price of attacking the wrong target, *Business Day*, Wednesday September 27 2006, p15.
5. Fedderke, J.W., and Schöer, V., 2006, Puzzle of import parity pricing, *Business Day*, Tuesday October 3 2006, p9.
6. Fedderke, J.W., 2009, Social Welfare: Social Stasis, *Focus*, November 2009, Issue 55.
7. Fedderke, J.W., 2009, Welfare spending chokes state’s capacity to alleviate poverty, *Business Day*, Monday January 11, 2009, p5.

## 11 Teaching Experience

- Teaching at the Pennsylvania State University has covered Quantitative Techniques, International Economics, Economic Growth and Institutions, and Game Theory in the School of International Affairs. Teaching is at the level of a professional Masters' Programme.
- Teaching duties at the University of Cape Town include the areas of: Dynamic Optimization, Advanced Macroeconomics, Time Series Econometrics and Cointegration, and Growth Theory. Teaching is at the Masters and Ph.D. levels.
- Teaching duties at the University of the Witwatersrand included: (a) Dynamic Optimization, Advanced Macroeconomics, Time Series Econometrics and Cointegration, and Growth Theory on the taught Masters Program in Economics, (b) Mathematical Economics on the Honours Programme in Economics, and (c) Macroeconomics for the third year of the undergraduate program.
- Teaching at City University covered Macroeconomics courses; Economics of Public Policy, and Domestic Finance Courses.
- Teaching at the University of Natal centred on the development of the taught Masters Programme in the Department of Economics. Special focus of this was the development of Econometrics courses, at the level of undergraduate feeder courses, at the Honours (fourth year) and Masters (fifth year) levels. Courses in Macroeconomics and Monetary Theory at the Masters level were also developed.

## 12 Other Professional Activity

- Provision of training courses in International Finance and Econometrics to the following governments: Cambodia 1996 ; Mozambique 1997 ; Zambia 1997, 1998, 1999.
- Invitation to present evidence to the South African Parliamentary Sub-Committee on Finance, on the role of central banks in development, with specific reference to central bank independence. Submission of working paper and evidence to the committee in 1998.
- Invitation to act as respondent to the report of the South African Reserve Bank Governor's report to the South African Parliamentary Sub-Committee on Finance, 1999.
- Founding and running of the Macroeconomic Analysis Group. MAG is a group of senior undergraduate and postgraduate students at the University of the Witwatersrand, providing weekly and quarterly reports on the South African economy. The reports are published weekly and quarterly on Bloomberg. Founded 1997, served until 2003.

## 13 Administration

- At the Pennsylvania State University
  - Graduate School Committee
  - Faculty Finance Committee
  - Faculty Admissions Committee
- At the University of Cape Town:
  - Faculty of Commerce Dean's Advisory Committee
  - University Research Indaba
  - Director, School fo Economics
  - Director: Economic Research Southern Africa



- Director: Centre for Social Science Research
- Faculty Research Committee
- University Committee for Travel Grants
- At the University of the Witwatersrand:
  - University Research Committee, and University Research Committee Executive.
  - University Academic and Research IT Committee.
  - Faculty Board and Faculty Executive.
  - Research Advisor to the Faculty of Commerce, and Faculty of Commerce. Law and Management.
  - Member of the Governing Committee of the Department of Economics.
  - Research Administrator of the Department of Economics.
  - Assistant Head – Economics, in the School of Economic and Business Sciences
- At City University:
  - Senior Tutor Student Affairs: Department of Economics.
  - Examinations Officer, Department of Economics.
  - Member of School of Social Sciences Unit Degree Scheme Committee.
  - Departmental representative to the Social Statistics Research Unit Board of Studies.
  - Departmental representative on Library & Information Services Liaison Group committee.