

Robert James DAVIES

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CURRICULUM VITAE

PERSONAL DETAILS

Place of Birth: Bulawayo, Zimbabwe
Date of Birth: 21 April, 1946
Nationality: Zimbabwean
Marital Status: Married with three daughters

ACADEMIC QUALIFICATIONS

BCom	University of Cape Town	1967
BA(Hons)(Econ)	University of Cape Town	1968
MLitt(Econ Devt)	University of St Andrews	1971

EXPERIENCE

Current Affiliations

Research Associate, Department of Financial and Management Services, School of Oriental and African Studies, London University

Research Fellow, Trade and Industry Policy Strategies (TIPS), Pretoria South Africa

Board Member, Trade Law Centre (tralac)

Resource Person, African Economic Research Consortium (AERC) Nairobi

Full-time Posts

2005-2009	Research Associate, Human Science Research Council, South Africa
2003-present	Freelance International Development Consultant
1981-2003	Associate Professor (1996), Senior Lecturer (1984) and Lecturer, Department of Economics, University of Zimbabwe
1969 to 1981	Various lecturing and research posts at North Staffordshire Polytechnic, Leeds University, Rhodes University, University of Rhodesia

Visiting Posts

1996 Jan-Mar	Visiting Scholar, Princeton University, USA
1992/93	Visiting Senior Lecturer, Department of Economics, School of Oriental and African Studies, University of London
1991/92	Julian and Virginia Cornell Visiting Professor, Department of Economics, Swarthmore College, Swarthmore, Pennsylvania, USA

External Examining

- **Undergraduate:** University of the Witwatersrand, National University of Science and Technology, University of Malawi, University of Swaziland
- **Masters:** School of Oriental and African Studies, University of Cape Town, Edinburgh University, University of the Witwatersrand

- **Doctoral:** University of KwaZulu Natal, University of Pretoria, Stellenbosch University, University of Queensland (Australia), University of York (UK),

TEACHING AREAS

- **Undergraduate:** Microeconomic Theory, Macroeconomic Theory and Policy; International Trade Theory; African Economic Development; Development Economics; Political Economy;
- **Postgraduate:** Economic Modeling; Political Economy of Development; Human Resource Economics; African Economic Development; Macroeconomics; Monetary Economics.

Other Experience

- | | |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| 2000 Mar –2002 July | Board of Directors, Zimbabwe Electricity Supply Authority [Chairperson of Investment, Finance and Procurement Committee] |
| 1998 – 2004 | Advisor, Parliamentary Budget Committee, Zimbabwe |
| 1991 – 2003 | Editorial Board Member, Journal of African Economies, Oxford |

Selected Publications and Conference Papers

Refereed Journals

1. K Makrelov, R Davies, L Harris (2021) "The impact of capital flow reversal shocks in South Africa: a stock-and-flow-consistent analysis," **International Review of Applied Economics**, p 1-28
2. Arndt C, Davies R, Gabriel S, Harris L, Makrelov K, Robinson S, Levy S, Simbanegavi W, van Seventer D and Anderson L, 2020, Covid-19 lockdowns, income distribution, and food security: An analysis for South Africa, **Global Food Security**, September, <https://www.sciencedirect.com/science/article/pii/S221191242030064X>.
3. Konstantin Makrelov, Channing Arndt, Rob Davies and Laurence Harris (2020) Balance sheet changes and the impact of financial sector risk-taking on fiscal multipliers, **Economic Modelling**, 82, p 322-43
4. Arndt, C. & Davies, R. (2018) Firm level analysis using administrative record data [Special issue], **South African Journal of Economics**. 86 (S1). .
5. Channing Arndt, Rob Davies, Sherwin Gabriel, Konstantin Makrelov, Bruno Merven, Faaïqa Hartley, James Thurlow (2016) "A sequential approach to integrated energy modelling in South Africa", **Applied Energy**, 161, pp 591-599
6. Channing Arndt, Rob Davies, Konstantin Makrelov, Bruno Merven, Faaïqa Hartley, James Thurlow (2014) "Economy-wide implications of energy build plans: a linked modeling approach," **Energy Procedia** 61, pp 2862-2866
7. Theresa Alton, Channing Arndt, Rob Davies, Faaïqa Hartley, Konstantin Makrelov, James Thurlow, Dumebi Ubogu (2014) "Introducing carbon taxes in South Africa" **Applied Energy**, 116, pp344-354
8. Channing Arndt, Rob Davies, Konstantin Makrelov, James Thurlow (2013) "Measuring the carbon intensity of the South African economy", **South African Journal of Economics**, 81(3), 393-415
9. Rob Davies and James Thurlow (2010) "Formal-Informal Economy Linkages and Unemployment in South Africa", **South African Journal of Economics**, 78(4), 437-459
10. Rob Davies and Dirk van Seventer (2004) "A Three-Gap and Macro-decomposition analysis of South Africa, 1994-2002", **Development Southern Africa**, 21(1), March, 133-53

11. W. A. Masters, R. Davies and T.W. Hertel (2000), "L'Europe, L'Afrique du Sud, et l'Afrique Australe: Intégration Régionale dans un Contexte Mondial", **Revue d'Economie du Développement**, 3, 113-134.
12. R Davies, J Rattsø and R Torvik (1998) "Short-run consequences of Trade liberalization: a CGE-model of Zimbabwe", **Journal of Policy Modeling**, 20(3): 305-333
13. R Davies (1997) "Environmental Policy, Benefit Cost Analysis and the Policy Environment", **Environmental and Development Economics**, 2(2)
14. R Davies and J Rattsø (1996) "Growth, Distribution and Environment: Macroeconomic Issues in Zimbabwe", **World Development**, 24(2), February, 395-405
15. R Davies, J Rattsø and R Torvik (1994) "The Macroeconomics of Zimbabwe in the 1980s: a CGE-model Approach", **Journal of African Economies**, 3(2), 1-46
16. Rob Davies and David Sanders (1993) "Economic Strategies, Adjustment and Health Policy: issues in Sub-Saharan Africa for the 1990s", **Transformation**, 21, 78-93
17. Rene Loewensen, David Sanders and Rob Davies (1991) "Challenges to Equity in Health and Health Care: A Zimbabwean Case Study", **Social Science and Medicine**, 32(10), 1079-1088
18. David Sanders and Rob Davies (1988) "Economic Adjustment and Current Trends in Child Survival: the case of Zimbabwe", **Health Policy and Planning**, 3(3), 195-204
19. David Sanders and Rob Davies (1988) "The Economy, the Health Sector and Child Health in Zimbabwe", **Social Science and Medicine**, 27(7), 723-31
20. Rob Davies and David Sanders (1987) "Stabilisation Policies and the Effects on Child Health in Zimbabwe", **Review of African Political Economy**, 38, April, 3-23
21. R J Davies (1977) "The Informal Sector in Underdeveloped Countries - a model", **South African Labour Bulletin**, 3(5), May, 54-71
22. R J Davies (1975) "Leadership and Unity in Black Trade Unions in Rhodesia", **South African Labour Bulletin**, 1(9), March, 12-28
23. R J Davies (1973) "Aspects of Trade Policy in the Federation of Rhodesia and Nyasaland", **Rhodesian Journal of Economics**, 7(3), September, 165-171

Chapters in Books

24. Rob Davies (2017) "Changing Structure in South Africa: A Structural Path Analysis" in Machiko Nissanke and Muna Ndulo (ed) **Poverty Reduction in the Course of African Development** (Oxford University Press: Oxford)
25. Rob Davies and Dirk van Seventer (2014) "A social accounting matrix for the economy of Diepsloot" in Mahajan, Sandeep, ed. 2014. **Economics of South African Townships: Special Focus on Diepsloot**. World Bank Studies. Washington, DC: World Bank. doi:10.1596/978-1-4648-0301-7. License: Creative Commons Attribution CC BY 3.0 IGO
26. Rob Davies (2005) "Memories of Underdevelopment: a personal account of Zimbabwe's economic decline" in Brian Raftopolous and Tyrone Savage (eds) **Zimbabwe: Injustice and Political Reconciliation**, (Institute for Justice and Reconciliation: Cape Town) 19-42
27. J Chipika and R Davies (2002) "Economic reforms and non-traditional exports in Zimbabwe: is anything taking shape?" in G K Helleiner (ed), **Non-Traditional Export Promotion in Africa: Experience and Issues** (Palgrave: New York), 290-321.
28. Rob Davies and Jorn Rattsø (2001) "Zimbabwe: economic adjustment, income distribution and trade liberalization", in L Taylor (ed) **External Liberalization, Economic Performance and Social Policy**, (Oxford University Press: New York), 365-386.

29. Rob Davies and Jørn Rattsø (1993) "Zimbabwe", in Lance Taylor (ed) ***The Rocky Road to Reform: income distribution, politics and adjustment in the developing world*** (MIT Press: Cambridge, Mass), 321-342
30. Rob Davies, David Sanders and Timothy Shaw (1992) "Liberalisation for Development: Zimbabwe's Adjustment without the Fund" in G A Cornia, R van der Hoeven and T Mkandawire ***Africa's Recovery in the 1990s: from stagnation and adjustment to human development*** (Macmillan; Houndsmill), 135-155
31. Rob Davies (1991) "Trade, Trade Management and Development in Zimbabwe" in J Frimpong-Ansah, S M Ravi Kanbur and Peter Svedberg (eds) ***Trade and Development in Sub-Saharan Africa*** (Manchester University Press: Manchester), 281-313
32. Rob Davies (1988) "The Transition to Socialism in Zimbabwe: some areas for debate", in C Stoneman (ed) ***Zimbabwe's Prospects: issues of race, class, state and capital in Southern Africa***, (Heinemann: London and Basingstoke), 18-11
33. Rob Davies (1988) "Market Liberalisation in Zimbabwe: the case of subsidies 1980-1987" in M Rukuni and R Bernstein (eds) ***Southern Africa: Food Security Policy Options: Proceedings of the Third Annual Conference on Food Security in Southern Africa***. 1-5 November, 1987, University of Zimbabwe/Michigan State University Food Security Project, Department of Agricultural Economics and Extension, Harare, 123-141
34. Rob Davies and David Sanders (1988) "Adjustment Policies and the Welfare of Children: Zimbabwe, 1980-1985" in A Cornia, R Jolly and F Stewart (eds) ***Adjustment with a Human Face***, Volume 2, (Oxford University Press: Oxford), 272-299
35. R J Davies and N P Moyo (1987) "Dimensions of Africa's Economic Crisis" in V R Panchamukhi (ed) ***African Economic Development: An Agenda for Future***, (RIS: New Delhi), 5-25
36. Rob Davies (1985) "The migrant labour system and patterns of accumulation, investment and development in Southern Africa" United Nations Economic Commission for Africa (ed) ***Migration in Southern Africa*** New York
37. R J Davies and C Stoneman (1981) "The Economy: an overview", in C Stoneman (ed) ***Zimbabwe's Inheritance***, (MacMillan: London), 95-126
38. R J Davies (1981) "Foreign Trade and External Economic Relations", in C Stoneman (ed) ***Zimbabwe's Inheritance***, (MacMillan: London), 195-219
39. R J Davies (1979) "Informal Sector or Subordinate Mode of Production: a model?" in R Bromley and C Gerry (eds) ***Casual Work and Poverty in Third World Cities*** (John Wiley and Sons: Chichester), 87-104

Working Papers and Monographs

40. Davies, R. & van Seventer, D. (2020) Polarization in the South African labour market: Economy-wide scenarios. WIDER Working Paper 2020/121. Helsinki: UNU-WIDER.
<https://www.wider.unu.edu/sites/default/files/Publications/Working-paper/PDF/wp2020-121.pdf>
<https://doi.org/10.35188/UNU-WIDER/2020/878-8>
41. Davies, R. & van Seventer, D. (2020) Labour market polarization in South Africa: A decomposition analysis. WIDER Working Paper 2020/17. Helsinki: UNU-WIDER
42. Arndt C, Davies R, Gabriel S, Harris L, Makrelov L, Modise B, Robinson S, Simbanegavi W, van Seventer D and Anderson L, (2020) Impact of Covid-19 on the South African economy An initial analysis UNU-WIDER SA-TIED Working Paper 111, April 2020
43. van Seventer, Dirk and Rob Davies (2019) A 2016 social accounting matrix for South Africa with an occupationally disaggregated labour market representation. ***WIDER Working Paper*** 2019/56. Helsinki: UNU-WIDER

44. Makrelov, Konstantin, Rob Davies, and Laurence Harris. (2019) The impact of capital flow reversal shocks in South Africa: a stock- and flow-consistent analysis. **South African Reserve Bank Working Paper Series WP/19/05** Pretoria: South African Reserve Bank
45. Benítez, P., M. Brown, Brent Boehlert, R. Davies and D. V. Seventer. (2018) "Assessment of the potential impacts of climate variability and shocks on Zimbabwe's agricultural sector."
46. Makrelov, Konstantin, Channing Arndt, Rob Davies, and Laurence Harris. (2018) Stock-And-Flow-Consistent Macroeconomic Model For South Africa, **WIDER Working Paper 2018/7** Helsinki: UNU-WIDER, 2018.
47. Davies, R., Kwaramba, M. & van Seventer, D. (2018) A 2013 Social Accounting Matrix for Zimbabwe. **WIDER Working Paper 2018/139**. Helsinki: UNU-WIDER.
48. Dirk van Seventer, Faaïqa Hartley, Sherwn Gabriel and Rob Davies (2016) A 2012 Social Accounting Matrix (SAM) for South Africa, Helsinki: **UNU-WIDER, Working Paper 2016-26** Helsinki: UNU-WIDER.
49. R Davies. and J. Thurlow (2013). A 2009 Social Accounting Matrix (SAM) for South Africa. Washington DC, USA: International Food Policy Research Institute.
50. Rob Davies, Praveen Kumar and Manju Kedia Shah (2012) "Note III: Re-Manufacturing Zimbabwe: constraints and opportunities in a dollarized economy", **Zimbabwe From Economic Rebound to Sustained Growth: Growth Recovery Notes**, World Bank, Harare
51. A Bhalla, M Chitiga-Mabugu, R Davies and R Mabugu (2000) **Globalization and Sustainable Human Development: Progress and Challenges for Zimbabwe**, Occasional Paper, (UNCTAD/UNDP: Geneva) October, 98 pages
52. R Davies (2000) **The Impact of Globalisation on Local Communities: a case study of the cut-flower industry in Zimbabwe**, Discussion Paper (ILO: Geneva), July
53. Timothy M Shaw and Rob Davies (1993) **The political economy of adjustment in Zimbabwe: convergence and reform**, (North South Institute: Ottawa) 72 pages
54. N P Moyo, R J Davies, G C Z Mhone and L Pakkiri (1984) **The Informal Sector in Zimbabwe - its potential for Employment Creation**, (ILO: Lusaka) February, 108 pages
55. R J Davies (1980) **Trade Sanctions and Regional Impact in Southern Africa**, IUEF, International Sanctions against South Africa, Geneva, August, 37 pages
56. R J Davies (1978) **The Informal Sector: a solution to unemployment?**, Catholic Institute for International Relations, From Rhodesia to Zimbabwe, No. 5., London, 30 pages

Conference and Seminar Papers

57. Rob Davies (2008) "Electricity Shortages and the South African Economy: Reflections Based on an Economy-Wide Analysis", **DPRU Conference on the Regulatory Environment and its Impact on the Nature and Level of Economic Growth and Development in South Africa**, Muldersdrift, October
58. Rob Davies and Dirk van Seventer (2006) "An Economy-Wide Impact Assessment of the Economic Infrastructure Investment Component of the Accelerated & Shared Growth Initiative (ASGISA)", **DPRU/TIPS Forum**, Johannesburg, South Africa, October
59. Rob Davies and Dirk van Seventer (2005) "The Economy-Wide Effects of Price Reducing Reforms In Infrastructure Services In South Africa" **DPRU/TIPS Forum**, Johannesburg, South Africa, November
60. Channing Arndt, Rob Davies and Dirk van Seventer (2000) "A GTAP Analysis of the South Africa European Union Free Trade Agreement," **TIPS Forum**, Johannesburg, South Africa, September
61. Rob Davies (1998) "The Resource Allocative Effects of Free Trade Areas in Southern Africa", **EAGER Conference**, Muldersdrift, South Africa, February 4-6, 1998

62. Rob Davies (1998) "Free Trade Areas and Southern Africa", *TIPS Forum*, Muldersdrift, South Africa, September 20-22, 1998
63. Rob Davies (1992) "Macroeconomic Aspects of Zimbabwe's `Transition from Socialism'", Centre for International Studies, Department of Urban Studies and Planning, MIT, *MacArthur Workshop on Development, Security and International Co-operation seminar on International Perspectives on Third World Development*, March 17 (also presented to Seminar at Centre for International Studies at Princeton University on March 30)

SHORT COURSES TAUGHT

1. Economy-Wide Policy Impact Analysis and Computable General Equilibrium Analysis
 Since 2001, colleagues and I have run more than 40 training workshops introducing economy-wide modelling for policy analysis. These workshops have predominately been held in South Africa, but also in Namibia, Zimbabwe, Mozambique and Bangladesh. They have attracted over 600 participants from 33 different countries.
2. UNU-WIDER
 2013 Training for Central Institute for Economic Management (CIEM) Staff on the Social Accounting Matrix (SAM) Toolkit within the Framework of the Project "Development of Vietnam's 2011 Social Accounting Matrix to Facilitate the Implementation of Green Growth Strategies"
3. Government of Ethiopia/School of Oriental and African Studies, University of London
 I was involved in a capacity building programme, which entailed teaching four one-week modules on data and economic analysis for Ethiopian policy makers.
4. Global Trade Analysis Project, Purdue University, USA
 I have been actively engaged in training on the GTAP project. I was an instructor on a special course for Southern Africa held in Johannesburg in 1998. In 1999/2000 I organised a special course for the Tariff Commission in Zimbabwe. In August 2000 I was an instructor on the annual short course held in Purdue. I have also written material that has been used in the training programme. I have also been involved in the construction of the Southern African database that was used in Version 5 of the GTAP database.
5. Ministry of Industry and Commerce, Zimbabwe
 I designed, co-ordinated and taught the economics component of a capacity building programme run by Price Waterhouse Coopers, sponsored by USAID, in 1997.
6. Professional Training and Development Programme in Economics, Zimbabwe, 1994-97
 This was a capacity building programme for public sector economics professionals, financed by the African Capacity Building Foundation and run jointly by the Reserve Bank of Zimbabwe, the Ministry of Finance and the University of Zimbabwe. I taught many students on the programme and, in addition, made a number of training workshop presentations. These included:
 - a) "A Macroeconomic Framework for Analysing the Economy-wide Impact of Budget Deficits"
 - b) "Assessing the Causes and Sustainability of Deficits"
 - c) "The Political Economy of Macroeconomic Policy and Bureaucracy"
 - d) "Consistency Models as a Tool for Policy Makers"
 - e) "Overview of the impacts of the Budget Deficit on the Zimbabwean Economy"
 - f) "Monitoring and data requirements for Policy Analysis"

SELECTED CONSULTANCY/ADVISORY EXPERIENCE

1. World Bank, Harare Office

- a) 2016: Constructing Social Accounting Matrices and Computable General Equilibrium model for Zimbabwe.
 - b) 2017: Expanding the Social Accounting Matrices and Computable General Equilibrium model for Zimbabwe to conduct climate change scenarios.
2. Botswana Institute for Development Policy Analysis (*BIDPA*): An Economy-Wide Analysis of The Impact of the Decline in Diamond Mining on the Botswana Economy (2014-2015)
3. National Treasury, South Africa (2008 - 2016)
Training in CGE modeling within the Economic Policy Division of the National Treasury in South Africa. This entailed in-house training and model development.
4. Human Sciences Research Council, South Africa (2003 - 2009)
I was a research associate at the HSRC. My work primarily involved using CGE models for economy wide analysis of employment creation, competition in telecommunications, electricity shortages and the informal sector
5. State University of New York/USAID Parliamentary Strengthening Project (2000-2004).
I was a consultant to this project with the Zimbabwean Parliament of Zimbabwe. My primary responsibility has been working with the Parliamentary Budget Finance and Economic Development Committee. I also acted as an advisor to the project director on a wider range of matters.
6. The Presidency, South Africa (2003)
I wrote a paper reviewing broad macroeconomic trends and policies for the “Ten year economic review” undertaken within the Presidency in South Africa.
7. Ministry of Foreign Affairs, Government of Zimbabwe (1989)
I wrote a background paper and was on the drafting committee for the conference document presented at the first meeting of the Non-Aligned Movement Standing Sub-committee on Economic Affairs, held in July 1989 in Harare. I was subsequently an official member of the Zimbabwe Government Delegation to the meeting
8. Ministry of Finance Economic Planning and Development, Government of Zimbabwe (1987)
I was a member of a seven person team of foreign consultants, government officials and local consultants analysing issues involved in trade liberalisation. This was the first study in the lead up to Zimbabwe's structural adjustment programme.
9. Ministry of Labour, Social Welfare and Manpower Development/ International Labour Organisation (1984)
I was a member of a team that undertook fieldwork and prepared a report on the Informal Sector and Employment
10. Ministry of Finance, Economic Planning and Development (1983)
I was a consultant on a team to advise the Government of Zimbabwe on the Renegotiation of the Lome Convention. My main responsibility was to analyse trade issues.
11. Ministry of Finance Economic Planning and Development (1981)
I was a member of a team to advise the Ministry on how Foreign Exchange policy might be reformed after independence.