

CURRICULUM VITAE

HENRY JORDAAN



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CURRICULUM VITAE

HENRY JORDAAN

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1. PERSONAL

Marital Status	:	Married
ID number	:	7810135022080
Birth date	:	13 October 1978
Age	:	40 years
Languages	:	Afrikaans and English
Nationality	:	South African
Qualification	:	PhD (Agricultural Economics)
Occupation	:	Senior lecturer Department of Agricultural Economics University of the Free State
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2. UNIVERSITY CAREER

All degrees completed and received at the University of the Free State:

Date	Degree
2004	B.Sc.Agric (Agricultural Economics)
2005	B.Sc.Agric.Hons (Agricultural Economics)
2006	M.Sc.Agric (Agricultural Economics) ^{1, 2}
2012	Ph.D. (Agricultural Economics) ³

¹ Obtained degree with distinction

² Title of M.Sc. Agric thesis: Forward Pricing Behaviour of Maize Producers in Price Risk Management: The Case of Vaalharts

³ Title of PhD thesis: New Institutional Economic analysis of emerging irrigation farmers' food value chains

3. NRF RATING

Unrated.

4. COMPUTER LITERACY

Spreadsheets	-	MS Excel
Statistics	-	Eviews, Simetar, NLogit, SPSS, NCSS
Water use	-	SWB
Other	-	MS Office (Word, PowerPoint)
		E-mail
		Internet

5. MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

Date	Description
2015 - present	Water Footprint Research Alliance (WFRA)
2015 - present	International Water Association (IWA)
2007 - present	International Farm Management Association (IFMA)
2006 - present	South African National Committee on Irrigation and Drainage (SANCID)
2005 - present	Agricultural economics working group of the Orange Free State (LEWOVS)
2005 - present	Agricultural Economics Association of South Africa (AEASA)

6. AWARDS/BURSARIES/ACHIEVEMENTS

Date	Description
2015	First prize for best contributed paper presented at the 54 th conference of the Agricultural Economics Association of South Africa: Lubinga, MH., Verschoor, A., Ogundeji, AA., & Jordaan, H. (2015). <i>The impact of the EU-GSP scheme on horticultural exports from Kenya, Tanzania and Uganda: A preference margin approach</i> . Paper presented at the 54th conference of the Agricultural Economics Association of South Africa: Parys, South Africa, 30 September – 2 October 2015.
2014	Second prize for best paper published in a professional journal awarded at the 53rd conference of the Agricultural Economics Association of South Africa: Eastern Cape, South Africa, 28 September - 1 October 2014.
2014	First prize for best contributed paper presented at the 2nd International Conference on Economics, Finance and Management Outlooks: Lubinga, M. H. Ogundeji, A. and Jordaan, H. (2014). <i>An econometric analysis of the impact of trade facilitation on Uganda's hot pepper exports to the European Union</i> . Paper presented at the 2nd International Conference on Economics, Finance and Management Outlooks, Kuala Lumpur, Malaysia, 20-21 December, 2014.
2013	Invited to join the Prestige Scholars Programme of the Vice Chancellor of the University of the Free State.
2012	Second prize for best contributed paper presented at the 50 th AEASA conference: Van der Merwe, E., Grové, B., Jordaan, H., and Matthews, N. (2012). Economic literacy and the socio-economic factors affecting economic literacy among small-scale raisin producers in Eksteenskuil. 50 th Annual Conference of the Agricultural Economics Association of South Africa, Bloemfontein, 1 – 3 October 2012.
2012	Department of Agricultural Economics award for the best PhD thesis in Agricultural Economics: Jordaan, H. (2012). New Institutional Economics Analysis of emerging irrigation farmers' food value chains. (Supervisor: Prof B. Grové).
2008	CS Blignaut trophy for training at the Department of Agricultural Economics, University of the Free State, 2008.
2007	Third prize for best contributed paper presented at 45 th AEASA conference: Jordaan, H. and Grové, B. (2007). <i>Factors affecting forward pricing behavior: Implications of alternative regression model specifications</i> . 45 th Annual Conference of the Agricultural Economics Association of South Africa, Johannesburg, 26–28 September 2007.

2007	AEASA award for best M.Sc. thesis in agricultural economics: Jordaan, H. (2007). Forward Pricing Behaviour Of Maize Producers In Price Risk Management: The Case Of Vaalharts. (Supervisor: Dr B. Grové)
2004 – 2005	University of the Free State merit bursary for academic performance
2004	ABSA Award for the best student in Agricultural Economics over the four years of under graduate study at UFS

7. RESEARCH OUTPUTS

7.1. SCIENTIFIC PUBLICATIONS (PUBLISHED)

- Owusu-Sekyere, E., Abdulai, A., and Jordaan, H. (2019). Heterogeneous demand for ecologically sustainable products on ensuring environmental sustainability in South Africa. *Environmental Economics and Policy Studies* (In press).
- Owusu-Sekyere, E., Mahlathi, Y., and Jordaan, H. (2019). Understanding South African consumers' preferences and market potential for products with low water and carbon footprints. *Agrekon*. (In press).
- Mohlotsane, P.M., Owusu-Sekyere, E., Jordaan, H., Barnard, J.H., and van Rensburg, L.D. (2018). Water footprint accounting along the wheat-bread value chain: Implications for sustainable and productive water use benchmarks. *Water*, 10(9):1-16.
- Lombard, W.A., Maré, F.A., and Jordaan, H. (2018). The influence of animal traits on feedlot profitability of Santa Gertrudis cattle in South Africa. *Agrekon*, 57(2):101-107.
- Ogundeji, A.A., Jordaan, H., and Groenewald, J. (2018). Economics of climate change adaptation: a case study of Ceres – South Africa. *Journal of Climate and development* 10(4):377-384.
- Lubinga, M.H., Ogundeji, A.A., Jordaan, H. and Verschoor, A.J. (2017). Impact of European Union Generalized System of Preferences scheme on fruit and vegetable exports from East Africa: A preference margin approach. *Outlook On Agriculture*. 46(3):213-222.
- Ogundeji, A.A. and Jordaan, H. (2017). A simulation study on the effect of climate change on crop water use and chill unit accumulation. *South African Journal of Science* 113(7/8):1-7.
- Owusu-Sekyere, E., Jordaan, H., and Chouchane, H. (2017). Evaluation of water footprint and economic water productivities of dairy products of South Africa, *Ecological Indicators* 83(2017):32-40.
- Owusu-Sekyere, E., Scheepers, M.E., and Jordaan, H. (2017). Economic water productivities along the dairy value chain in South Africa: Implications for

sustainable and economically efficient water-use policies in the dairy industry. *Ecological Economics* 134(2017):22-28.

- Donkor, E., Owusu-Sekyere, E., Owusu, V., and Jordaan, H. (2016). Impact of agricultural extension service on adoption of chemical fertilizer: Implications for rice productivity and development in Ghana. *NJAS – Wageningen Journal of Life Sciences*, 79(2016):41-49. Doi.org/10.1016/j.njas.2016.10.002.
- Donkor, E., Owusu-Sekyere, E., Owusu, V., and Jordaan, H. (2016). Impact of row-planting adoption on productivity of rice farming in Northern Ghana. *Review of Agricultural and Applied Economics*. 2016:19(2)3-12, doi:10.15414/raae.2016.19.02.03-12.
- Owusu-Sekyere, E., Scheepers, M.E. and Jordaan, H. (2016). Water footprint of milk produced and processed in South Africa: Implications for policy-makers and stakeholders along the dairy value chain. *Water* 2016,8,322:1-12.
- Henning, J.I.F. and Jordaan, H. (2016). Determinants of Financial Sustainability for Farm Credit Applications—A Delphi Study. *Sustainability*, 2016,8, 77.
- Scheepers, M.E. and Jordaan, H. (2016). Assessing the blue and green water footprint of Lucerne for milk production in South Africa. *Sustainability* 2016,8,49:1-9.
- Jirgi, A.J., Grove, B., Jordaan, H., Viljoen, M.F., and Nmadu., J.N. (2015). Sources of risk and management strategies as perceived by monocrop and intercrop farmers in Kebbi State, Nigeria. *Asian Journal of Agricultural Extension, Economics and Sociology* 6(1):34-44.
- Jirgi, A.J., Jordaan, H, Grove, B., Viljoen, M.F., and Nmadu, J.N. (2015). Technical efficiency of millet/cowpea farmers in Kebbi State Nigeria: A Double bootstrapping approach. *British Journal of Economics, Management and Trade*, 5(3):366-373.
- Lubinga, M., Ogundeji, A., and Jordaan H. (2014). East African Community's trade potential and performance with European Union: A perspective of selected fruit and vegetable commodities. *European Scientific Journal*, Special edition 1:430-443.
- Jirgi, A.J., Grove, B., Jordaan, H, Viljoen, M.F., and Nmadu, J.N. (2014). Estimating technical efficiency and the metatechnology ratio using the metafrontier approach from cropping systems in Kebbi State, Nigeria. *International Journal of Development and Sustainability*, 3(7):1538-1548.
- Owusu-Sekyere, E., Owusu, V. and Jordaan, H. (2014). Consumer preferences and willingness to pay for beef food safety assurance labels in the Kumasi Metropolis and Sunyani Municipality of Ghana. *Food Control* 46:152-159.
- Jordaan, H., Grové, B., and Backeberg, G.R. (2014). Conceptual framework for value chain analysis for poverty alleviation. *Agrekon* 53(1):1-25.

- Jordaan, H. and Grové, B. (2013). Maximising the contribution of irrigated agriculture to poverty alleviation - the case of smallholder cabbage producers from Zanyokwe Irrigation Scheme. *Outlook on Agriculture* 42(4):285-290.
- Jordaan, H. and Grové, B. (2013). Transaction cost analysis of raisins marketing by emerging farmers from Eksteenskuil, South Africa. *Agrekon* 52(4):21-42.
- Jordaan, H. and Grové, B. (2013). Exploring social capital of emerging farmers from Eksteenskuil, South Africa. *Development Southern Africa* 30(4-5):508-524.
- Mare, F.A., Taljaard, P.R., and Jordaan, H. (2013). Consumer preferences for beef with specific reference to fat colour: The case of Cape Town, South Africa. *International Journal of Agricultural Management* 2(3):141-148.
- Israel-Akinbo, S.O., Matthews, N., Jordaan, H., Kundhlande, G. (2013). The economic cost of air pollution in Mangaung metro municipality: A case study in south Africa. *African Journal of Environmental Science and Technology* 7(7):718-724.
- Jordaan, H., Grové, B. and Matthews, N. (2013). Investigating potential financial gains from using production inputs more efficiently. *Agrekon* 52(sup1):87-100.
- Shiimi, T., Taljaard, P.R., and Jordaan, H. (2012). Transaction costs and cattle farmers' choice of marketing channel in North-central Namibia. *Agrekon*. 51(1):42-58.
- Worako, T., Jordaan H., and van Schalkwyk, H.D. (2011). The effects of coffee price volatility and risk on Ethiopian coffee producers: ARCH/GARCH approach. *Agrekon* 50(3):90-108.
- Monk, M.J., Jordaan H., and Grové B. (2010). Factors affecting the price volatility of July futures contracts for white maize in South Africa. *Agrekon* 49(4):446-458.
- Jordaan, H. and Grové, B. (2010). Factors affecting forward pricing behaviour: Implications of alternative regression model specifications. *South African Journal of Economic and Management Sciences (SAJEMS)* 13(2):113-129.
- Idsardi, E.F., Jordaan, H. And van Schalkwyk, H.D. (2010). A characterisation of success factors of agricultural development projects in the Free State Province. *Journal for Development Support* 2:39-57.
- Jordaan, H. and Grové, B. (2008). Factors affecting the level to which Vaalharts maize producers are willing to use forward pricing in price risk management. *Agrekon*, 47(1): 102-115.
- Jordaan, H. and Grové, B. (2007). Factors affecting maize producers' adoption of forward pricing in price risk management: The case of Vaalharts. *Agrekon*, 46(4): 548-565.

- Jordaan, H., Grové, B., Jooste, A. and Alemu, Z.G. (2007). Measuring the price volatility of certain field crops in South Africa using the ARCH/GARCH approach. *Agrekon*, 46(3): 306-322.

7.2. PUBLISHED CONFERENCE PROCEEDINGS

- Mare, F.A. and Jordaan, H. (2019). *The economic feed consumption of different cattle breeds in a cow-calf production system*. Paper presented at the 22nd International Farm Management Congress, Launceston, Tasmania, 3rd – 8th March 2019.
- Owusu-Sekyere, E. and Jordaan, H. (2019). *The development and promotion of environmentally sustainable food products in South Africa*. Paper presented at the 22nd International Farm Management Congress, Launceston, Tasmania, 3rd – 8th March 2019.
- Badenhorst, C.G., Van Niekerk, H.N., Jordaan, H., and Strydom, D.B. (2015). *Factors affecting large livestock predation in the North West Province of South Africa*. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Hlophe, L., Ogundeji, A.A., and Jordaan, H. (2015). *Analysing the impact of the EU trade policy reform on the sustainability of smallholders sugarcane farming in Swaziland*. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Jordaan, H., Bahta, Y.T., and Gunda, S. (2015). Management practices that affect technical efficiency and coping strategies of smallholder maize irrigation farmers in Zimbabwe. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Henning, J.I.F. and Jordaan, H. (2015). *Investigating factors considered in agricultural credit applications, what are currently considered by commercial bank?* Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Matthews, N., Jordaan, H., and Grové, B. (2015). *Efficient Resource use and farmer-to-farmer skill transfers: The case of Eksteenskuil raisin producers, South Africa*. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Jordaan, H., Grové, B., and Matthews, N. (2015). *Determinants of cost efficiency of smallholder farmers: the case of raisin producers from South Africa*. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Nieuwoudt, S., Henning, J.I.F., and Jordaan, H. (2015). *Exploring entrepreneurial characteristics of smallholder producers: the case of*

Eksteenskuil raisin producers. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.

- Jordaan, H. and Grové, B. (2013). Smallholder farmers participating in commercial agri-food chains: learning from Eksteenskuil raisin producers. 19th International Farm Management Congress, Warsaw, Poland, 21–26 July 2013. pp.189 – 195.
- Jordaan, H. and Grové, B. (2007). *Investigating factors affecting the forward pricing behaviour of Vaalharts maize producers: A two-step econometric approach*. Proceedings of the 16th International Farm Management Association Congress. Cork, Ireland, 15–20 July 2007. pp. 841-849.

7.3. POPULAR SCIENTIFIC PUBLICATIONS AND PRESENTATIONS

- Jordaan, H. (2019). Werk versigtig met on watervoetspoor. *Veeplaas*, 2019/03/11.
- Jordaan, H. (2016). The importance of the agri water footprint. *Farmers Weekly*, 2016/01/04.
- Jordaan, H. and Grové, B. (2013). An economic analysis of the contribution of water use to value chains in agriculture. Zanyokwe, January.
- Jordaan, H. and Grové, B. (2012). 'n Ekonomiese analise van die bydrae van watergebruik tot landbou-waardekettings. Eksteenskuil, December.
- Khaile, PME., Jordaan, H., Grové, B. and Matthews, N. (2010). Faktore wat die doeltreffendheid beïnvloed waarmee Eksteenskuil rosyntjie boere hul insette gebruik. Eksteenskuil, December.
- Jordaan, H. and Grové, B. (2007). *Riskman decision support*. Vaalharts Water User Association. Vaalharts, March
- Jordaan, H. and Grové, B. (2007). *Riskman decision support*. Gamtoos Water User Association. Vaalharts, March.
- Jordaan, H. and Grové, B. (2007). *Riskman decision support*. Loskop Irrigation Board, May.
- Jordaan, H. and Grové, B. (2007). *Riskman decision support*. Lower Sundays River Water User Association, May.
- Jordaan, H. and Grové, B. (2007). *Riskman decision support*. Vaalharts Water User Association. Vaalharts, June.
- Spies, D., Jordaan, H., Grové, B., and Jooste, A. (2006). Riglyne vir vleisbemarking. *Landbouweekblad*, 2006/07/05.

7.4. PUBLISHED RESEARCH REPORTS

- Jordaan, H., Owusu-Sekyere, E.
- Jordaan, H. and Grové, B. (2012). *An economic analysis of the contribution of water use to value chains in agriculture*. WRC Report No. 1779/1/12, Water Research Commission, Pretoria.

7.5. UNPUBLISHED RESEARCH REPORTS

- Jordaan, H., Grové, B., van der Merwe, E., and Maenetja, R. (2011). *Assessment of the contribution of water use to value chains in agriculture*. Progress Report No. 4 to the Water Research Commission, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Jordaan, H., Grové, B., and Khaile, P.M.E. (2010). *Assessment of the contribution of water use to value chains in agriculture*. Progress Report No. 3 to the Water Research Commission, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Jordaan, H., Grové, B., and Khaile, P.M.E. (2009). *Assessment of the contribution of water use to value chains in agriculture*. Progress Report No. 2 to the Water Research Commission, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Taljaard, P.R., Alemu, Z.G., Jooste, A. and Jordaan, H. (2009). *The impact of the Namibian Small Stock Marketing Scheme on South Africa*. Report to the National Agricultural Marketing Council (NAMC). Available at <http://www.namc.co.za/dnn/LinkClick.aspx?fileticket=Ho7fnPc6xFE%3D&tabid=116&mid=543>
- Jordaan, H., Grové, B., and Khaile, P.M.E. (2008). *Assessment of the contribution of water use to value chains in agriculture*. Progress Report No. 1 to the Water Research Commission, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Jooste, A., Jordaan, H., Alemu, Z.G. and Spies, D. (2006). *Investigation into price trends and market integration in selected fresh produce markets in South Africa*. Report prepared for the National Agricultural Marketing Council (NAMC) [Online]. Available from: http://www.namc.co.za/ASSETS/PDF/Price_Volatility_Dec06.pdf

7.6. INTERNATIONAL CONFERENCE/WORKSHOP CONTRIBUTIONS

- Owusu-Sekyere, E. and Jordaan, H. (2017). *Compensating welfare estimates for water and carbon footprint sustainability policy changes in South Africa*. Paper presented at the Agricultural Economics Society Annual Conference to be held at The Royal Dublin Society, Dublin, Ireland, 24th to 26th of April, 2017.

- Mohlotsane, P., Owusu-Sekyere, E., Jordaan, H. (2017). *Water footprint assessment along the wheat-bread value chain towards the sustainable use of freshwater in South Africa*. Paper Presented at the European Geoscience Union (EGU) General Assembly 2017, 23-28 April 2017, Vienna, Austria.
- Jordaan, H., Mare, F., Owusu-Sekyere, E., Scheepers, M.E., Mohlotsane, P., and Nkhousa, P. (2017). *Water footprint assessment to inform sustainable food production in South Africa*. Paper presented at the the 6th World Sustainability Forum on 27th – 28th January 2017 in Cape Town.
- Owusu-Sekyere, E., Mahlathi, Y.Y., and Jordaan, H. (2017). *Assessment of Consumers' Stated Preferences for Water and Carbon Footprint Sustainability Information: Insights from the Gauteng Province of South Africa*. Paper presented at the 6th World Sustainability Forum, 27–28 January 2017, Cape Town, South Africa.
- Jordaan, H. (2016). *Water footprint of agri-food products in South Africa*. Paper presented at the 1st conference of the Water Footprint Research Alliance, Garden Court Nelson Mandela Boulevard, Cape Town, 4th – 7th April 2016.
- Owusu-Sekyere, E., Scheepers, M.E. and Jordaan, H. (2016). *Economic productivity of water along the dairy value chain of South Africa*. Paper presented at the 1st conference of the Water Footprint Research Alliance, Garden Court Nelson Mandela Boulevard, Cape Town, 4th – 7th April 2016.
- Scheepers, M.E., Owusu-Sekyere, E., and Jordaan, H. (2016). *Water footprint of milk produced and processed in South Africa: Implications for policy-makers and stakeholders along the dairy value chain*. Paper presented at the 1st conference of the Water Footprint Research Alliance, Garden Court Nelson Mandela Boulevard, Cape Town, 4th – 7th April 2016.
- Owusu-Sekyere, E., Owusu, V., Donkor, E., and Jordaan, H. (2016). *Heterogeneous preferences for functional ingredients and health claims attributes of beef: evidence from Ghana*. Paper presented at the Food Studies Conference, University of California, Berkeley, USA, 12-13 October 2016.
- Ogundeji, A.A., Jordaan, H., and Groenwald, J.A. (2015). *Economics of climate change adaptation: a case of Ceres, Western Cape, South Africa*. Paper presented at the 29th International Conference of Agricultural Economics, Milan, Italy. 8 – 14 August 2015.
- Jordaan, H., Grové, B., and Matthews, N. (2015). *Benchmarking freshwater used by smallholder raisin producers – a sub-vector efficiency analysis*. Paper presented at the 5th World Sustainability Forum, Basel, Switzerland, 7th – 9th September 2015.
- Scheepers, M.E., Jordaan, H., and Barnardt, J.H. (2015). *Water footprint of milk production in the Free State Province of South Africa*. Paper presented at the 5th World Sustainability Forum, Basel, Switzerland, 7th – 9th September 2015.

- Henning, J.I.F. and Jordaan, H. (2015). *Determinants of financial sustainability for farm credit applications – a Delphi Study*. Paper presented at the 5th World Sustainability Forum, Basel, Switzerland, 7th – 9th September 2015.
- Ogundeji, A.A., Jordaan, H., and Groenewald, J. (2015). *The impact of climate change on crop water use and chill unit accumulation*. Paper presented at the 5th World Sustainability Forum, Basel, Switzerland, 7th – 9th September 2015.
- Badenhorst, C.G., Van Niekerk, H.N., Jordaan, H., and Strydom, D.B. (2015). *Factors affecting large livestock predation in the North West Province of South Africa*. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Hlophe, L., Ogundeji, A.A., and Jordaan, H. (2015). *Analysing the impact of the EU trade policy reform on the sustainability of smallholders sugarcane farming in Swaziland*. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Jordaan, H., Bahta, Y.T., and Gunda, S. (2015). Management practices that affect technical efficiency and coping strategies of smallholder maize irrigation farmers in Zimbabwe. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Henning, J.I.F. and Jordaan, H. (2015). *Investigating factors considered in agricultural credit applications, what are currently considered by commercial bank?* Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Matthews, N., Jordaan, H., and Grové, B. (2015). *Efficient Resource use and farmer-to-farmer skill transfers: The case of Eksteenskuil raisin producers, South Africa*. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Jordaan, H., Grové, B., and Matthews, N. (2015). *Determinants of cost efficiency of smallholder farmers: the case of raisin producers from South Africa*. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Nieuwoudt, S., Henning, J.I.F., and Jordaan, H. (2015). *Exploring entrepreneurial characteristics of smallholder producers: the case of Eksteenskuil raisin producers*. Paper presented at the 20th International Farm Management Congress, Quebec City, Canada, 12th – 17th July 2015.
- Lubinga, M.H. Ogundeji, A. and Jordaan, H. (2014). *An econometric analysis of the impact of trade facilitation on Uganda's hot pepper exports to the European Union*. An accepted paper for oral presentation in 2nd International Conference on Economics, Finance and Management Outlooks, Kuala Lumpur, Malaysia, 20-21 December, 2014.

- Lubinga, M.H. Ogundeji, A. and Jordaan, H. (2014). *Climate change and Trade in Agrarian economies: A case study of Uganda*. Paper presented at the IGAD economic conference, Addis Ababa, Ethiopia, 23-25 October, 2014. (Forthcoming).
- Cloete, P.C. and Jordaan, H. (2014). *Transaction Cost Measurement for the Regulations of Live Wildlife Trade in South Africa*. Paper presented at the Congress for Wildlife and Livelihoods on Private and Communal Lands: Livestock, Tourism and Spirit, YMCA of the Rockies, Estes Park, Colorado, 7-12 September 2014.
- Jordaan, H. and Grové, B. (2013). *Smallholder farmers participating in commercial agri-food chains: learning from Eksteenskuil raisin producers*. Paper presented at the 19th International Farm Management Congress, Warsaw, Poland, 21–26 July 2013.
- Jordaan, H. and Grové, B. (2007). *Investigating factors affecting the forward pricing behaviour of Vaalharts maize producers: A two-step econometric approach*. Paper presented at the 16th International Farm Management Congress. Cork, Ireland, 15–20 July 2007.

7.7. NATIONAL CONFERENCE CONTRIBUTIONS

- Bahta, Y. and Jordaan, H. (2019). The economic impact of policy interventions to mitigate water use in irrigation agriculture in South Africa. Paper presented at the 57th conference of the Agricultural Economics Association of South Africa: Bloemfontein, South Africa, 8-10 October.
- Owusu-Sekyere, E., Jordaan, H., and Chapagain, A.K. (2019). How does water and carbon footprint sustainability information influence consumer food choice? Insights from the Gauteng Province of South Africa. Paper presented at the 57th conference of the Agricultural Economics Association of South Africa: Bloemfontein, South Africa, 8-10 October.
- Owusu-Sekyere, E., Mahlathi, Y., and Jordaan, H. (2018). Understanding South African consumers' preferences and market potential for environmentally sustainable products: Implications of water and carbon footprint labels. Paper presented at the 7th South African National Commission on Irrigation and Drainage Symposium: Ingwenyama Conference and Sport Resort, White River, South Africa, 13 – 15 November 2018.
- Motaung, N.A., Owusu-Sekyere, E., Jordaan, H. Ogundeji, A.A. and Chapagain, A.K. (2018). Water Footprint of tobacco production in South Africa: Implications for water use policies at a farm level. Paper presented at the 7th South African National Commission on Irrigation and Drainage Symposium: Ingwenyama Conference and Sport Resort, White River, South Africa, 13 – 15 November 2018.

- Owusu-Sekyere, E., Mahlohi, Y., and Jordaan, H. (2017). Assessment of consumers' stated preferences for water and carbon footprint sustainability information: Insights from the Gauteng Province of South Africa. Paper presented at the 56th conference of the Agricultural Economics Association of South Africa: Durban, South Africa, 19 – 21 September.
- Mohlotsane, M.P., Owusu-Sekyere, E., and Jordaan, H. (2017). Accounting for the water footprint along the wheat-bread value chain: Does ground water matter? Paper presented at the 56th conference of the Agricultural Economics Association of South Africa: Durban, South Africa, 19 – 21 September.
- Maré, F.A., Jordaan, H., and Mekonnen, M.M. (2017). The water-economy nexus of different beef breeds at the abattoir and deboning plant. Paper presented at the 56th conference of the Agricultural Economics Association of South Africa: Durban, South Africa, 19 – 21 September.
- Mohlotsane, M.P., Owusu-Sekyere, E., and Jordaan, H. (2016). *Assessing the sustainability of the water footprint of bread in South Africa*. Paper presented at the 6th South African National Commission on Irrigation and Drainage Symposium: Worcester, South Africa, 11 – 13 October 2016.
- Nkhousa, P., Matthews, N., and Jordaan, H. (2016) *Water footprint of broiler production in South Africa*. Paper presented at the 6th South African National Commission on Irrigation and Drainage Symposium: Worcester, South Africa, 11 – 13 October 2016.
- Bougard, D.A., Henning, J.I.F., Jordaan, H., and Matthews, N. (2016). Classification accuracy of logistic regression and neural networks: the case of a South African agricultural credit provider. Paper presented at the 55th conference of the Agricultural Economics Association of South Africa: Johannesburg, South Africa, 14 – 16 September.
- Nieuwoudt, S., Henning, J.I.F., and Jordaan, H. (2016). Entrepreneurial competencies and financial performance of farmers in South Africa. Paper presented at the 55th conference of the Agricultural Economics Association of South Africa: Johannesburg, South Africa, 14 – 16 September.
- Lubinga, M.H., Verschoor, A., Ogundeyi, A.A., & Jordaan, H. (2015). *The impact of the EU-GSP scheme on horticultural exports from Kenya, Tanzania and Uganda: A preference margin approach*. Paper presented at the 54th conference of the Agricultural Economics Association of South Africa: Parys, South Africa, 30 September – 2 October 2015.
- Jordaan, H. and Backeberg, G.R. (2014). *Water footprint assessment and ISO 14046: A synthesis from an expert workshop*. 6th South African National Commission on Irrigation and Drainage Symposium, Glenburn Lodge, 18-20 November 2014.
- Scheepers, M.E., Jordaan, H., and Barnard, J.H. (2014). *The Lucerne-Dairy water footprint: some preliminary findings from the Free State Province*. 6th

South African National Commission on Irrigation and Drainage Symposium, Glenburn Lodge, 18-20 November 2014.

- Fourie, P., Strydom, D.B., Jordaan, H. and Bahta, Y.T. (2014). *Perception of the factors influencing the competitiveness of the wheat producer in South Africa*. Paper presented at the 53rd conference of the Agricultural Economics Association of South Africa: Eastern Cape, South Africa, 28 September - 1 October 2014.
- Lubinga, M. H., Ogundeji, A. and Jordaan, H. (2014). *Export competitiveness of East Africa's agricultural produce within the EU-market: A case of the Fruits and vegetable sector*. Paper presented at the 53rd conference of the Agricultural Economics Association of South Africa: Eastern Cape, South Africa, 28 September - 1 October 2014.
- Jordaan, H. and Grové, B. (2013). *Determinants of technical efficiency of smallholder raisin farmers – a combined double bootstrap principal component regression*. Paper presented at the 52nd Annual Conference of the Agricultural Economics Association of South Africa, Bela bela, 1 – 3 October 2013.
- Jordaan, H., Grové, B., and Matthews, N. (2013). *Determinants of cost efficiency of smallholder farmers: the case of raisin producers from South Africa*. Paper presented at the 52nd Annual Conference of the Agricultural Economics Association of South Africa, Bela bela, 1 – 3 October 2013.
- Jirgi, A.J., Jordaan, H., Grové, B., Viljoen, M.F., and Nmadu, J.N. (2013). *Technical efficiency of inter cropping farmers from Kebbi State, Nigeria*. Paper presented at the 52nd Annual Conference of the Agricultural Economics Association of South Africa, Bela bela, 1 – 3 October 2013.
- Badenhorst, C.G., van Niekerk, H.N., Jordaan, H., and Strydom, D.B. (2013) *Factors affecting small livestock predation in the North West Province of South Africa*. Paper presented at the 52nd Annual Conference of the Agricultural Economics Association of South Africa, Bela bela, 1 – 3 October 2013.
- Owusu-Sekyere, E., Mare, F.A., and Jordaan, H. (2013). *Consumers' preference for beef products: Evidence from Ghana*. Paper presented at the 52nd Annual Conference of the Agricultural Economics Association of South Africa, Bela bela, 1 – 3 October 2013.
- Lombard, W.A., Mare, F.A., and Jordaan, H. (2013). *The influence of animal traits and carcass characteristics of Santa Gertrudis cattle on feedlot profitability*. Paper presented at the 52nd Annual Conference of the Agricultural Economics Association of South Africa, Bela bela, 1 – 3 October 2013.
- Lubinga, M.H., Ogundeji, A.A., and Jordaan, H. (2013). *The influence of climate change on Uganda's international trade flows: Evidence from weather anomalies*. Paper presented at the biennial conference of the Economic Society of South Africa, Bloemfontein, South Africa, 25-27 September 2013.

- Jordaan, H. and Grové, B. (2012). *Optimising water use along the value chain for cabbages produced by emerging farmers from Zanyokwe Irrigation Scheme*. 5th South African National Commission on Irrigation and Drainage Symposium, Alpine Heath Resort, 21-23 November 2012.
- Van der Merwe, E., Grové, B., Jordaan, H., and Matthews, N. (2012). Economic literacy and the socio-economic factors affecting economic literacy among small-scale raisin producers in Eksteenskuil. Paper presented at the 50th Annual Conference of the Agricultural Economics Association of South Africa, Bloemfontein, 1 – 3 October 2012
- Jordaan, H., Grové, B. and Matthews, N. (2012). *Investigating potential financial gains from using production inputs more efficiently*. Paper presented at the 50th Annual Conference of the Agricultural Economics Association of South Africa, Bloemfontein, 1 – 3 October 2012
- Khaile, P.M.E., Jordaan, H., Matthews, N., and Grové, B. (2010). *Investigating factors causing inefficient use of resources: the case of emerging raisin producers at Eksteenskuil*. 4th South African National Commission on Irrigation and Drainage Symposium, Upington, 17-19 November 2010.
- Jordaan, H. and Grové, B. (2010). *Analysis of the governance structure used by Eksteenskuil raisin producers: Is there a need for more vertical coordination?* Paper presented at the combined 3rd Annual Conference of the African Association of Agricultural Economists and 49th Annual Conference of the Agricultural Economics Association of South Africa, The Western Grand Cape Town Arabella Quays, Cape Town, 20-23 September 2010.
- Shiimi, T., Taljaard, P.R., and Jordaan, H. (2010). *Transaction costs and cattle farmers' choice of marketing channels in North-Central Namibia*. Paper presented at the combined 3rd Annual Conference of the African Association of Agricultural Economists and 49th Annual Conference of the Agricultural Economics Association of South Africa, The Western Grand Cape Town Arabella Quays, Cape Town, 20-23 September 2010.
- Taljaard, P.R., Alemu, Z.G., Jooste, A., and Jordaan, H. (2009). *The impact of the Namibian small stock marketing scheme on South Africa*. Paper presented at the 47th Annual Conference of the Agricultural Economics Association of South Africa, Elangeni Hotel, Durban, 21-23 September 2009.
- Maré, F.A., Taljaard, P.R., and Jordaan, H. (2009). *Consumer preference for beef, with specific reference to fat colour: The case of Cape Town, South Africa*. Paper presented at the 47th Annual Conference of the Agricultural Economics Association of South Africa, Elangeni Hotel, Durban, 21-23 September 2009.
- Strydom, D.B., van Niekerk, H.N., Jordaan, H. and Willemse, B.J. (2009). *The evaluation of factors affecting longer term farm contracts in the Frozen Fries processing industry*. Paper presented at the 47th Annual Conference of the Agricultural Economics Association of South Africa, Elangeni Hotel, Durban, 21-23 September 2009.

- Jordaan, H. and Grové, B. (2009) Institutional economic analysis of raisin production and marketing in South Africa: learning from Eksteenskuil raisin producers. 47th Annual Conference of the Agricultural Economics Association of South Africa, Elangeni Hotel, Durban, 21-23 September 2009.
- Idsardi, E., Jordaan, H., and van Schalkwyk, H.D. (2009). A characterisation of success factors of projects funded by the Comprehensive Agricultural Support Program in the Free State Province. Paper presented at the 43rd conference of the South African Society of Agricultural Extension (SASAE) Potchefstroom, May 2009.
- Jordaan, H., Grové, B., and Khaile, M. (2008). *Assessment of the contribution of water use to value chains in agriculture: a conceptual framework*. 3rd South African National Commission on Irrigation and Drainage Symposium, Langebaan, 18-20 November 2008.
- Monk, M.J., Grové, B. and Jordaan, H. (2007). *Factors affecting July futures price volatility in the South African maize industry* 45th Annual Conference of the Agricultural Economics Association of South Africa, Johannesburg, 26–28 September 2007.
- Jordaan, H. and Grové, B. (2007). *Factors affecting forward pricing behavior: Implications of alternative regression model specifications*. 45th Annual Conference of the Agricultural Economics Association of South Africa, Johannesburg, 26–28 September 2007.
- Jordaan, H., Grové, B., Annandale, J.G., Steyn, J.M., Benadé, N., and Pott, A. (2006). The development of a decision support system to evaluate the profitability of alternative irrigation schedules taking risk into account. Paper presented at the 2006 symposium of the South African National Committee on Irrigation and Drainage (SANCID), Aventura Swadini, November 2006.
- Jordaan, H. and Grové, B. (2006). *Factors affecting maize producers' use of forward pricing methods in price risk management: The case of Vaalharts*. Paper presented at the 44th Annual Conference of the Agricultural Economics Association of South Africa, Grahamstown, 20–22 September 2006.
- Jordaan, H., Spies, D., Jooste, A. and Grové, B. (2006). *Price volatility in the Fresh produce markets in South Africa*. Paper presented at the 44th Annual Conference of the Agricultural Economics Association of South Africa, Grahamstown, 20–22 September 2006.

7.8. SCIENTIFIC POSTERS (NATIONALLY AND INTERNATIONALLY)

- Terblanche, L., Willemse, B.J., Jordaan, H., and Cloete, P.C. (2008). *Employing Farmer Controlled Business Models to aid the potential transition of emerging to commercial farmers*. Paper presented at the 46th annual conference of the Agricultural Economics Association of South Africa (AEASA), Windhoek, September 2008.

7.9. PARTICIPATION IN WORKSHOPS NATIONALLY

- Jordaan, H. (2014). Initiate, convene and participate in expert workshop: *Towards a method for Water Footprint Assessment in South Africa*, University of the Free State, Bloemfontein, 4 September 2014.
- Jordaan, H. and Grové, B. (2014). *An economic analysis of the contribution of water use to value chains in agriculture*. Paper presented at the MOSA status workshop, Loskop Aventura Resort, Groblersdal, 22 October 2014.
- Jordaan, H., Grové, B. and Khaile, P.M.E. (2009). *Assessment of the contribution of water use to value chains in agriculture: A conceptual framework*. Paper presented at the workshop convened by the Water Research Commission (WRC) at the 47th annual conference of the Agricultural Economics Association of South Africa (AEASA), Durban, September 2009.
- Jordaan, H., Grové, B. and Khaile, P.M.E. (2009). *Assessment of the contribution of water use to value chains in agriculture: The case of Eksteenskuil raisin producers*. Paper presented at the workshop convened by the Water Research Commission (WRC) at the 47th annual conference of the Agricultural Economics Association of South Africa (AEASA), Durban, September 2009.
- Jordaan, H., Jooste, A., Spies, D.C. and Grové, B. (2006). *Volatility in the prices of vegetables sold at South African fresh produce markets*. Paper presented at the workshop convened by the National Agricultural Marketing Council (NAMC) at the 44th annual conference of the Agricultural Economics Association of South Africa (AEASA), Grahamstown, September 2006.

7.10. WORK IN PROGRESS

7.10.1 Research projects

- Assessing the water footprints of selected fuel and fibre crops in South Africa (Water Research Commission: K5/2397//4) (Project leader).
- Determining the water footprints of selected field and forage crops towards the sustainable use of fresh water (Water Research Commission: K5/2553//4). (Acting Project leader).
- Water Footprint As A Sustainability Indicator For Table And Wine Grape Production (Water Research Commission: K5/2710//4). (Project is led by scientist from University of Stellenbosch)

8. STUDENT SUPERVISION

8.1. MAIN SUPERVISION

8.1.1 PhD

- Botha, F. (Current). *A framework to enhance the sustainable performance of the South African raisin industry*. PhD Thesis, Business School, University of the Free State, Bloemfontein.
- Mare, F. (2018). *The water-economy nexus of beef produced from different breeds of cattle*. PhD Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Owusu-Sekyere, E. (2017). *Multiple footprint indicator assessment: Implications on consumers' preferences and welfare*. PhD Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Henning, J.I.F. (2016). *Credit scoring model: Incorporating entrepreneurship*. PhD Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Lubinga, M.H. (2014). *The influence of climate change and preferential trade agreements on East Africa's fruit and vegetables exports: A case of the EU-GSP scheme*. PhD Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.

8.1.2 Masters

- Motaung, N. (Current). *Sustainable water use for tobacco production in South Africa*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Tshibalo, T. (2019). *Water footprint assessment of irrigated cotton production in South Africa*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Adterora, A. (2018). *Sustainability of irrigated sugarcane production*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Nkhousa, P. (2017). *Water footprint of poultry production in the Free State Province, South Africa*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.

- Mohlotsane, P. (2017). *Water footprint of irrigated wheat and derived wheat products in South Africa*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Mashlate, Y. (2017). *Consumers' willingness to pay for water footprint information on product labels in South Africa*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Ndjodi, M. (2016). *Technical efficiency of maize producers from Namibia*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Masango, R. (2015). *Performance of smallholder farmers' cooperatives – a members' perspective*. M Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Scheepers, M. (2015). *Waterfootprint of luserne-dairy value chain in South Africa*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Owusu-Sekyere, E. (2014). *Consumer preferences and willingness to pay for beef attributes in Ghana*. M.Sc. Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Gunda, S. (2013). *Elusive Livelihoods: An investigation of the productivity challenges faced by smallholder irrigation farmers in semi-arid environments. The case of Tokwane-Ngundu Smallholder Irrigation Scheme in Masvingo South District, Zimbabwe*. Masters in Development Studies, Centre for Development Studies, University of the Free State, Bloemfontein.

8.2. CO-SUPERVISION

8.2.1 PhD

- Luvhengo, U. (current). *Capacity development through collective entrepreneurship in poultry cooperative farming systems: North West province*. PhD Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Dr J.I.F. Henning).
- Massango, R. (Current). *Horizontal and vertical networks towards agricultural entrepreneurhsip*. PhD Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Dr J.I.F. Henning).
- Ogundeji, A.A. (2013). *The economics of climate change adaptation strategies in the Ceres region, Western Cape*. PhD Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Prof J. Groenewald).

- Jirgi, A.J. (2013). *Technical efficiency and risk preferences of cropping systems in Kebbi State, Nigeria*. PhD Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Prof M.F. Viljoen).

8.2.2 Masters

- Bougard, D. (2017). *Agricultural credit models: identifying high risk applicants*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Dr J.I.F. Henning).
- Nieuwoudt, S. (2016). *Entrepreneurship and financial performance*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein.
- Badenhorst, C.G. (2014). *The economic cost of large stock predation in the North West Province*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Mr H.M. van Niekerk)
- Hlophe, L. (2014). *Analysing the impact of policy on sustainability of smallholder sugarcane farming in Swaziland: The case of Komati Region*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Dr A.A. Ogundeji).
- Fourie, P. (2013). *Perception of the critical factors which influence and drive the competitiveness of the wheat producer in South Africa*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Dr D.B. Strydom)
- Israel-Akinbo, S. (2012). *The impact of air quality on health: The case of Mangaung semi-urban area, Free State, South Africa*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Ms N. Matthews).
- Van der Merwe, E. (2012). *Economic literacy as a factor affecting allocative efficiency*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Prof B. Grové).
- Khaile, P.M.E. (2012). *Assessing factors affecting technical efficiency of emerging raisin producers in Eksteenskui, in the Northern Cape Province, South Africa*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Prof B. Grové).
- Shiimi, T. (2010). *Transaction costs and cattle farmers' choice of marketing channels in North Central Namibia*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Dr P.R. Taljaard).

- Terblanche, L. (2009). *Transaction cost analysis of dairy marketing in South Africa – a case for farmer controlled businesses*. MSc Agric Thesis, Department of Agricultural Economics, University of the Free State, Bloemfontein. (Main supervisor: Prof B.J. Willemse).

9. COMMITTEES

Date	Committee / Group
2015-2016	Convener of the organising committee of the 1 st conference of the Water Footprint Research Alliance, April, 2016.
2012-2016	Post Graduate Director, Department of Agricultural Economics, University of the Free State, Bloemfontein.
2011-2012	Member of organising committee of the 5 th biennial SANCID symposium November 2012
2009-2010	Convener of organising committee of the 4 th biennial SANCID symposium November 2010.
2009-2010	Winter school sub-committee of UFS Wellness Committee
2009-2010	LEK forum

10. SPECIAL INVITATIONS

Date	Description
2019	Invited to serve as panel member on the committee to adjudicate the Best Publication award at the annual conference of the Agricultural Economics Association of South Africa.
2016-2018	Invited to serve as panel member on the committee to adjudicate the Best Masters Thesis award at the annual conference of the Agricultural Economics Association of South Africa.
2016	Invited to serve as Panel Member to evaluate project proposals submitted to the National Research Foundation of South Africa in the IRG – South Africa / France Science and Technology Collaboration.
2016	Invited to serve as Panel Member to evaluate project proposals submitted to the National Research Foundation of South Africa in the IRG – South Africa / Wallonia-Brussels Federation Science and Technology Research Collaboration.
2016	Invited to co-convene a special session on Water Footprint Assessment at the AGU Fall Meeting, 12- 16 December 2016, San Francisco.
2016	Invited to serve as Panel Member to evaluate project proposals submitted to the National Research Foundation of South Africa in the IRG – South Africa / Austria Joint Scientific and Technological Cooperation.
2016	Invited to participate in a workshop, “Conceptualising workshop to develop a research niche area in sustainability and systems analysis for sustainability, at the University of the Western Cape”, Cape Town, 23-24 January 2016.

2016	Invited to participate in the Academic Leadership Programme at the University of the Free State, for the year 2016.
2015	Invited to co-convene a special session on Water Footprint Assessment at the World Water Congress on 25th to 29th May 2015, Edinburgh International Conference Centre, Edinburgh, Scotland.
2014	Invited to participate in MOSA status workshop, Loskop Aventura Resort, Groblersdal, 22 nd October 2014.
2013-current	Invited to serve on the reference group of a research project, <i>Water footprint of selected vegetable and fruit crops produced in South Africa</i> , for the Water Research Commission (K5/2273//4).
2009	Invited to be primary presenter at the workshop, "Productive water use, value chains and mainstreaming emerging farmers" convened by the WRC at the 47 th annual AEASA conference, September 2009, Durban.
2009	Invitation to form part of the Agricultural Risk Management reference group of the NAMC.
2008	WRC workshop to develop terms of reference for a project on "Cooperative governance in food value chains in rain-fed agriculture to include emerging farmers in mainstream economy", 12 th May 2008, Pretoria.

11. RELEVANT INTERNATIONAL EXPOSURE

11.1 COURSES ATTENDED

- Attended an international course, "Global Water Footprint Standard Training Course" presented by the Water Footprint Network, 13-15 May 2014, Amsterdam, The Netherlands.
- Attended an international course, "Optimising the performance of producers' organisations" presented by the Centre for Development Innovation and Wageningen UR, 17 - 28 September 2012, Wageningen, The Netherlands.
- Participated in an E-learning course, "Water Footprint – Concept and Application", presented by the World Bank. (February 13 – 24, 2012).
- Attended an international PhD Winter School with the theme "An institutional approach to the analysis of systems, systems change and transition in natural resources" presented by the Institute for Agricultural and Fisheries Research (ILVO) in combination with University of Ghent and Wageningen University 1 - 4 February 2010 in Belgium.
- Attended a three-day workshop on Simulation and Econometric Models for Probabilistic Forecasting and Risk Analysis presented by Professor James Richardson, College Station, Texas, US. (August 21 – 23, 2006).

11.2 RESEARCH VISITS

- Visited with Dr Mesfin Mekonnen from the Water Footprint Network to work on collaborative research project. Twente University, Enschede, The Netherlands (27 October 2014 – 17 November 2014).
- Visited with Dr Mesfin Mekonnen from the Water Footprint Network to work on collaborative research project. Twente University, Enschede, The Netherlands (19 – 23 May 2014).
- Visited with Professor James Richardson from Texas A&M University to obtain experience in conducting risk analysis in agriculture. College Station, Texas, US. (August 24 – September 08, 2006).

12. COURSES COMPLETED LOCALLY

Date	Institute
2010	Advanced qualitative research, Centre for Higher Education Studies and Development (CHESD)
2008	Academic Enriching Course for Lecturers, Centre for Higher Education Studies and Development (CHESD)
2005	Successfully completed the Agricultural Products Dealers Examination in terms of the rules of the JSE

13. WORKING EXPERIENCE

13.1 ACTING ACADEMIC DEPARTMENTAL HEAD

- April 2016 – May 2018 Department of Agricultural Economics
University of the Free State
Bloemfontein

13.2 SENIOR LECTURER

- January 2014 – current Department of Agricultural Economics
University of the Free State
Bloemfontein

13.3 LECTURER

- January 2008 – December 2013 Department of Agricultural Economics
University of the Free State
Bloemfontein

13.4 RESEARCH ASSISTANT

- January 2005 – December 2007 Department of Agricultural Economics
University of the Free State

13.5 LECTURER REPLACEMENT

- Contracted as a replacement lecturer in the Department of Agricultural Economics at the University of the Free State (1 August 2007 to 31 December 2007).

Courses contracted to present:

LEK124 (Data processing)
LEK602 (Production economics)

Other lecture replacement

LEK414 (Managerial Economics) (2007) – 8 weeks
LEK224 (Farm Management) (2006) – 3 weeks
LEK602 (Production Economics) (2005) – 1 week

13.6 STUDENT ASSISTANT

- LEK604 (Econometrics) (2007)
- LEK603 (Operational research) (2006)
- LEK324 (Advanced agricultural marketing) (2006)

14. REFERENCES

- Prof. Bennie Grové (Associate Professor and Promoter at the Department of Agricultural Economics, University of the Free State)
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Telephone: +27(0)51-4013359
Email: groveb@ufs.ac.za
- Prof. Gerald Ortmann (Professor in Agricultural Economics, University of KwaZulu-Natal)
Telephone: +27(0)12-3309043
Email: ortmann@ukzn.ac.za
- Prof. Gavin Fraser (Professor in Agricultural Economics, Rhodes University)
Telephone: +27(0)46-6037403
Email: g.fraser@ru.ac.za