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| Sikhulumile Sinyolo | C:\Users\ssinyolo\Pictures\My fotoz\DSC_3591 Sikhulumile Sinyolo (2).jpg |
| Cell: 0834658590   Tel: 0123022718  Email: sksinyolo@gmail.com; SSinyolo@hsrc.ac.za  Address: 940 Saliehout Street, Annlin, Pretoria, South Africa |

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| **1 Summary** | |
| Current Position: | Research Specialist |
| Current Employer: | Human Sciences Research Council |
| Highest qualification: | PhD (Agricultural Economics) |
| Work Experience: | 7.5 years |
| Peer reviewed articles: | 17 |
| Research grants: | +R30 mil |

**2 Academic Qualifications**

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| **2.1 Degree/diploma:** | **PhD Agricultural Economics** |
| Institution: | University of KwaZulu-Natal |
| Period: | 2014 - 2016 |
|  |  |
| **2.2 Degree/diploma:** | **MSc Agricultural Economics** |
| Institution: | University of KwaZulu-Natal |
| Class of pass: | Cum Laude |
| Period: | 2012 - 2014 |
|  |  |
| **2.3 Degree/diploma:** | **Post Graduate Diploma in Food Security** |
| Institution: | University of KwaZulu-Natal |
| Class of pass | Distinction |
| Period: | 2011 - 2012 |
| **2.4 Degree/diploma:** | **BSc Agriculture (Honours), Agricultural Economics** |
| Institution: | University of Zimbabwe |
| Class of pass: | 1 (First Class) |
| Period: | 2006 - 2010 |

**3 Work Experience**

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| **3.1 Position:** | **Research Specialist** | |
| Employer: | Human Sciences Research Council | |
| City: | Pretoria | |
| Date: | February 2017 - Current | |
| *Duties:* |  | |
| * Conceptualising, designing and undertaking research which informs government policy on key national priorities such as food security, rural innovation dynamics, land reform, smallholder agriculture and rural development * Preparation and submission of research proposals to secure external funding to conduct such research * Managing research projects: currently leading five big projects on land reform, food security & innovation * Leading and coordinating research planning and execution, data collection and analysis, writing up and disseminating evidence-based policy research * Stimulating public debate and promoting evidence-based policy on the dynamics of rural development in South Africa and elsewhere in Africa through publications and conference presentations * Authoring and co-authoring journal articles, opinion pieces, conference papers & policy briefs * Designing research instruments and managing surveys and interviews; analysing survey data and data from other secondary sources using quantitative and qualitative techniques * Developing external networks through liaising with development agencies and partner institutions on research programme funding issues and opportunities for collaboration * Mentoring junior members of the Economic Performance and Development unit and supporting them to strengthen their research capabilities * Promoting the work of the EPD unit through contributing articles for the HSRC website, internal magazine (The Grapevine) & HSRC Review | | |
| **3.3 Position:** | | **Agricultural Economics Specialist** |
| Employer: | | Lima Rural Development Foundation |
| City: | | Pietermaritzburg |
| Date: | | August 2014 - October 2015 |
| *Duties:* | |  |
| * Writing proposals, inception and final reports; and designing data collection tools * Developing business plans and farm budgets for smallholder farmers * Conducting extensive literature reviews on different subject areas * Statistical and econometric analysis of data for various projects | | |
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| **3.4 Position:** | | **Research Assistant** |
| Employer: | | University of KwaZulu-Natal (African Centre for Food Security) |
| City: | | Pietermaritzburg |
| Date: | | January 2012 - August 2014 |
| *Duties:* | |  |
| * Coordinating and managing stakeholder engagements and consultations * Facilitating workshops and discussions with farmers across the KwaZulu-Natal province * Leading a group of project team members * Conducting extensive literature reviews on smallholder irrigation, commercialisation & food security * Designing data collection tools; coordinating and facilitating data collection * Conducting quantitative and qualitative data analysis * Monitoring and evaluation of projects * Writing and presenting proposals and report writing | | |
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| **3.5 Position:** | | **Teaching Assistant** |
| Employer: | | University of KwaZulu-Natal (Discipline of Agricultural Economics) |
| City: | | Pietermaritzburg |
| Date: | | January 2012 - August 2014 |
| *Duties:* | |  |
| * Assisting in the supplementary teaching of the module: AGEC 220: Farm management * Assisting the Lecturer in developing teaching materials (e.g., class notes, tutorial questions and solutions, tests, etc.) for the AGEC 220 module | | |
| * Establishing and maintaining supportive and professional relationships with the AGEC 220 students | | |
|  | | |
| **3.6 Position:** | **Development Economist** | |
| Employer: | Ziyanda Consulting Engineers | |
| City: | Pietermaritzburg | |
| Date: | June 2011 - February 2016 | |
|  |  | |
| *Duties:* |  | |
| * Economic and financial feasibility assessment of projects * Assist in completing and submitting project and tender documents | | |
| * Performed the economic analysis of the Insiza Duplicate Pipeline Feasibility Study, Mdlebeni Sanitation Project & the Harding and Area North main pipelines replacement projects | | |
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**4 Research Grants**

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| *Project/ Grant Title (Period)* | *Funder/Donor* | *Role* | *Grant Value* |
|  |  |  |  |
| Promoting communities of practice for innovation-driven Local Economic and Social Development (2019 – 2020) | Technology Innovation Agency (TIA) | Co-Principal Investigator | R4.8 mil |
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| A Participative, Structured and Rapid Land Use and Land Needs Assessment of South Africa (2019 – 2021) | Department of Rural Development and Land Reform | Co-Principal Investigator | R13.6 mil |
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| A Critical Review of the State of Food and Nutrition Security in South Africa (2019 – 2019) | National Development Agency | Co-Principal Investigator | R0.3 mil |
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| Mapping the Innovation Landscape of the Karoo Region with Tools for Local Innovation Advancement (2019 – 2020) | Technology Innovation Agency (TIA) | Co-Principal Investigator | R2 mil |
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| Definition of the Food and Nutrition Security (FNS) Information System to be Managed through Digital Platforms (2019 – 2019) | Food & Agriculture Organisation (FAO) | Co-Principal Investigator | R0.97 mil |
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| Land Size Efficiency Simulation – A SAM/CGE Model Approach (2018-2021) | United Nations Development Programme [UNDP] | Co-Principal Investigator | R5.6 mil |
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| Creating an interactive GIS functionality of  the Rural Innovation survey results (2018 – 2019) | Department of Science and Technology | Co-Principal Investigator | R0.72 mil |
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| Institutionalising the Rural Innovation Assessment Toolbox, Phase 3 (RIAT-3) Addendum (2017 – 2018) | Department of Science and Technology | Co-Principal Investigator | R2.4 mil |
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| PhD Research Fieldwork and Conferences Support (2014 – 2016) | W.K Kellogg Foundation | Doctoral Fellow | R130,000 |
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| Masters Research Bursary Award (2012 – 2014) | University of KwaZulu-Natal | Masters Researcher | R50,000 |

**5 Achievements/ Awards**

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| * SJJ de Swart for 2nd Best Article published in Agrekon in 2018 |
| * Awarded the WK Kellogg Foundation Southern Africa scholarship, 2014-2016 |
| * Achieved a Cum laude for master’s research at the University of KwaZulu-Natal, 2014 |
| * Awarded the Canon Collins Trust Scholarship, 2012-2016 |
| * Awarded the University of KwaZulu-Natal PG Cum laude scholarship, 2014 |
| * Achieved a Distinction for the Postgraduate Diploma at the University of KwaZulu-Natal, 2012 |
| * Awarded 7 certificates of merits at the University of KwaZulu-Natal, 2011 -2016 |
| * Awarded the KwaZulu-Natal Treasury Research Bursary, 2011 |
| * Awarded the Farmer Support Group Bursary Award, 2011 |
| * Obtained a First Class degree for BSc (Hons) degree at the University of Zimbabwe, 2010 |

**6 Publication Record**

**6.1 Published Papers & Book Chapters**

1. Sinyolo S. (2019). Technology adoption and household food security among rural households in South Africa: The role of improved maize varieties. *Technology in Society* 40 *[online].*
2. Hart TGB, Booyens I & Sinyolo S. (2019). Innovation for development in South Africa: experiences with basic service technologies in distressed municipalities. *Forum for Development Studies [online].*
3. Sinyolo S, Mudhara M & Wale E. (2019). The role of social grants on commercialization among smallholder farmers in South Africa: Evidence from a continuous treatment approach. *Agribusiness* 35:457–470.
4. Hart TGB, Booyens I, Fakudze B & Sinyolo S. (2019) Reflections on demonstrating development-oriented innovations in South Africa. *South African Journal of Science* 115(1/2), 1–4.
5. Sinyolo S & Mudhara M. (2018). The impact of entrepreneurial competencies on household food security among smallholder farmers in KwaZulu Natal, South Africa. *Ecology of Food and Nutrition* 57(2), 71–93.
6. Sinyolo S & Mudhara M. (2018). Collective action and rural poverty reduction: Empirical evidence from KwaZulu-Natal, South Africa. *Agrekon* 57(1), 78–90*.*
7. Sinyolo S & Mudhara M. (2018). Farmer groups and inorganic fertiliser use among smallholders in rural South Africa. *South African Journal of Science* 114(5/6), 1–9.
8. Sinyolo S & Mudhara M. (2018). The impact of social capital on entrepreneurship among smallholder farmers in rural South Africa. *Journal of Rural Development* 37(3), 519–538.
9. Sinyolo SA, Sinyolo S, Mudhara M & Ndinda C. (2018). Gender differences in water access and household welfare among smallholder irrigators: A case of Msinga Local Municipality, South Africa. *Journal of International Women’s Studies* 19(5), 129–146.
10. Sinyolo S & Sinyolo SA. (2018). The impact of social grants on agricultural entrepreneurship among rural households in KwaZulu-Natal, South Africa. In: Wouterse F. & Taffesse AS. (eds).Boosting growth to end hunger by 2025: the role of social protection. Washington, DC.: International Food Policy Research Institute. 34-52.
11. Sinyolo S, Mudhara M & Wale E. (2017). Assessing the impact of social grant‑dependency on participation of KwaZulu‑Natal rural households in farming: Application of the generalised propensity score method. *Journal of Agriculture and Rural Development in the Tropics and Subtropics* 118(2): 233–244*.*
12. Sinyolo S, Mudhara M & Wale E. (2017). The impact of social grant-dependency on agricultural entrepreneurship among rural households in KwaZulu-Natal, South Africa. *The Journal of Developing Areas* 51(3): 63–76.
13. Sinyolo S, Mudhara M & Wale E. (2017). The impact of social grant-dependency on smallholder maize producers’ market participation in South Africa: Application of the double-hurdle model. *South African Journal of Economic and Management Sciences* 20(1): 1–10.
14. Sinyolo S, Mudhara M & Wale E. (2016). To what extent does dependence on social grants affect smallholder farmers’ incentives to farm? Evidence from KwaZulu-Natal, South Africa. *African Journal of Agricultural and Resource Economics*11(2): 154–165*.*
15. Sinyolo S, Mudhara M & Wale E. (2016). The impact of social grants on the propensity and level of use of inorganic fertiliser among smallholders in KwaZulu-Natal, South Africa. *Agrekon*55(4):436–457*.*
16. Sinyolo S, Mudhara M & Wale E. (2014). The impact of smallholder irrigation on household welfare: The case of Tugela Ferry irrigation scheme in KwaZulu-Natal, South Africa. *Water SA* 40(1):145–156.
17. Sinyolo S, Mudhara M & Wale E. (2014). Water security and rural household food security: Empirical evidence from the Mzinyathi district in South Africa. *Food Security*6(4):483–499.
    1. **Conference Papers**
18. Sinyolo S. (2018). Technology adoption, gender and household food security among rural households in South Africa. Paper presented at the 6th African Conference of Agricultural Economists, 22 – 27 September 2019, Abuja, Nigeria.
19. Sinyolo S & Sinyolo SA. (2018). The impact of social grants on agricultural entrepreneurship among rural households in Kwazulu-Natal, South Africa. Invited chapter presented at the 2018 Regional Strategic Analysis and Knowledge Support System (ReSAKSS) Annual Conference, 24-26 October, 2018, African Union headquarters, Addis Ababa, Ethiopia.
20. Sinyolo S & Mudhara M. (2016). The impact of farmer groups on inorganic fertiliser adoption among smallholder farmers: Empirical evidence from KwaZulu-Natal, South Africa. Paper presented at the 10th Conference of the African Farm Management Association (AFMA-10), 20-24 November 2016, Le Meridien Hotel, Pointe aux Piments, Mauritius.
21. Sinyolo S, Mudhara M & Wale, E. (2016). The impact of social grants-dependency on farm entrepreneurship among rural households in KwaZulu-Natal province, South Africa. Paper presented at the 10th Conference of the African Farm Management Association (AFMA-10), 20-24 November 2016, Le Meridien Hotel, Pointe aux Piments, Mauritius.
22. Sinyolo S, Mudhara M & Wale, E. (2013). The impact of smallholder irrigation on household welfare: The case of Tugela Ferry irrigation scheme in KwaZulu-Natal. Paper presented at the 52nd Annual Conference of The Agricultural Economics Association of South Africa (AEASA), 30 September - 3 October 2013, Belabela Forever Resort, Limpopo Province, South Africa.
    1. **Policy Briefs and Short Articles**
23. Ndinda, C & Sinyolo, S. (2019). Preventing non-communicable diseases: The importance of agro-food policies. HSRC Review 17(2): 10-11.
24. Sinyolo S, Booyens I. & Jacobs, P.T. (2018). Innovation in local municipalities: Tool shows officials lack capacity. HSRC Review 16(1): 24-25.
25. Sinyolo, S, Jonas, S & Dyantyi. (2018). Innovation for basic service delivery: The impact of point of use (POU) water filters. DST/ HSRC Policy brief.
26. P Jacobs, S Sinyolo, S Jonas, and B Fakudze. (2018). Innovation for equitable local socioeconomic development: Action agenda for resource-poor municipalities. HSRC Policy brief.
27. B Fakudze, S Sinyolo, S Jonas, K Ramoroka and P Jacobs. (2018). Knowledge production for marginalised communities: Evidence from the Rural Innovation Assessment Tool (RIAT). DST/ HSRC Policy brief.
28. Booyens I, Sinyolo S, Jacobs, PT & Hart, T. (2018). Innovation for basic service delivery: Enhancing municipal innovation maturity. HSRC/ DST Policy brief.
29. S Jonas, P Jacobs, S Sinyolo & B Fakudze. (2018). Strengthening voices of the marginalised people: Lessons from Participatory, Evaluation and Reflective Learning (PERL) Workshops. DST/ HSRC Policy brief.
30. K Ramoroka, S Jonas, S Sinyolo, B Fakudze and P Jacobs. (2018). Innovative local development through collaboration and innovative learning. HSRC/ DST Policy brief.
31. Sinyolo S. (2018). Why it’s beneficial to organise smallholder farmers into groups. *The Conversation*, 19 June 2018/ Why working together helps SA's small farmers improve yields: *Business Day*, 22 June 2018 [Newspaper article].

**6 Student Supervision**

Sandile Phakathi. Institutional innovations for improved water use security and productivity in the smallholder farming sector in South Africa. PhD candidate, Rhodes University. Expected date of completion: November 2020. [Supervisors: Prof GCG Fraser, Dr. J Marire & S Sinyolo]

Vincent T Munyati. Maize marketing and its effects on production decisions among smallholder (A1) farmers in Zimbabwe. PhD candidate. University of KwaZulu-Natal. Expected date of completion: November 2020. [Supervisors: Dr M Mudhara & S Sinyolo]

**7 Personal Information**

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| *Gender*:                    Male                                 *Date of birth*:             28/03/1986  *Marital status*:         Married                            *Driver’s licence*:        Class 4  *Citizenship*:               Zimbabwean                    *Languages*:               English, IsiNdebele & IsiZulu  *Residence Status*:    SA Permanent resident |

**8 References** [Available on request]