

CURRICULUM VITAE

DONALD SIYENI

PERSONAL DETAILS	Surname Siyeni First name Donald Date of birth 16 th April, 1986 Nationality Malawian Home Address Lufita village, T/A Mwenebulambia, Chitipa district Marital status Married Identity # Passport No. MA058067 or National ID no. SIAD440T
CONTACT DETAILS	Institution Department of Agricultural Research Services (DARS) Duty station Makoka Agricultural Research Station Address Private Bag 3, Thondwe, Zomba Cell +265999499760/+265888632273 Email donglad2@yahoo.co.uk or donglad2@gmail.com
APPOINTMENTS	Post Agricultural research scientist Cropping Systems [Legumes] – Soybean, Groundnut, Pigeon pea, Chickpea, Common beans, Cowpeas, Sunflower Agronomist Date 18 th October, 2009 Grade I Post Secondary school teacher Responsibility Teaching agriculture and biology to all classes Date 8 th August, 2008 Grade I
EDUCATIONAL QUALIFICATIONS	Certificate awarded MSc in Agronomy Institution University of Malawi, Bunda College of Agriculture Date of completion March, 2018 Certificate awarded BSc in Forestry (<i>With Credit</i>) Institution University of Malawi, Bunda College of Agriculture Date of completion July, 2008 Certificate awarded Malawi School Certificate of Education (MSCE) Institution Chaminade Secondary School Date of completion December, 2003

ON-JOB TRAININGS	<ul style="list-style-type: none"> Responsible use of agro-inputs 	<ul style="list-style-type: none"> Application of Agricultural Production Systems Simulator (APSIM) on Risk Management & Systems Modeling
	<ul style="list-style-type: none"> Data handling and analysis 	<ul style="list-style-type: none"> Results Based Management (RBM) of projects
	<ul style="list-style-type: none"> Gender Mainstreaming in Agriculture 	<ul style="list-style-type: none"> Increasing the Development Impact of Agricultural Research
	<ul style="list-style-type: none"> Hybrid Pigeon pea Production Technology 	<ul style="list-style-type: none"> Conservation Agriculture to improve Maize-Legume cropping systems
OTHER SKILLS	<ul style="list-style-type: none"> GIS applications in a smarter way [Use of Open Data Kit (ODK) tool] 	
	<ul style="list-style-type: none"> Computer packages (Microsoft office packages, GenStat software, SPSS, Sigma plot, Graphpad Prism, Minitab) 	
	<ul style="list-style-type: none"> Scientific writing 	
CURRENT DUTIES & RESPONSIBILITIES	<ul style="list-style-type: none"> Review all the agronomy work conducted on legumes (Soybean, Groundnuts, Beans, Pigeon pea, Chickpea, Sunflower, Cowpeas) in Malawi and establish research gaps Develop research project proposals to address agronomic constraints faced by farmers in Malawi on these legumes Conduct scientifically but demand driven research to address farmers' emerging constraints on grain legumes production in Malawi Establish links with local, regional and international partners Assess available agronomic technologies currently practiced by farmers and determine their suitability and applicability Timely submission of all reports (quarterly or biannual) both technical and financial as demanded by the Director of Agricultural Research Services Liase with other scientists such as breeders, entomologists, pathologists and other agronomists to identify appropriate researchable areas Supervise other officers and provide appropriate job descriptions for proper implementation of designed research activities Prepare detailed annual reports for presentation at the Department of Agricultural Research Services (DARS) annual review and planning meetings Any other duties as assigned from time to time by the National Research Coordinator, Legumes, Fibres & Oilseeds Commodity Group 	
RESEARCH EXPERIENCE	<p>Academic</p> <ul style="list-style-type: none"> BSc dissertation: Desiccation and storage period on <i>Strychnos cocculoides</i> seeds subject to different pre-sowing treatments at under graduate MSc thesis work: Effect of rhizobia inoculation and phosphorus fertilizer application on nodulation and yield of soybean in Dedza, Kasungu and Salima districts of Malawi <p>Professional</p> <ul style="list-style-type: none"> Soybean planting patterns in relation to labour, yield and yield components. Funded by the Malawi government. Agronomic research on soybean, common beans, and groundnut: Funded by N2Africa project Agronomy research on maize legume cropping systems under conservation agriculture; Funded by Australian government through 	

	<p>Sustainable Intensification of Maize Legume Cropping Systems in Eastern and Southern Africa (SIMLESA) program</p> <ul style="list-style-type: none"> ▮ Adaptive research on legume cropping systems agronomy in Lilongwe, Balaka, Blantyre, Chiradzulu, Nkhota-kota and Chitipa: Funded by IFAD through Sustainable Agricultural productivity Program (SAPP) ▮ Up-scaling improved soybean technologies for production and utilization in Malawi, Zambia and Mozambique. Funded by World bank through Agricultural Productivity Program for Southern Africa (APPSA) ▮ Efficacy of agronomic practices and soil amendments in reducing aflatoxin in groundnuts in Malawi and Zambia. Funded by World bank through Agricultural Productivity Program for Southern Africa (APPSA) ▮ Using APSIM model to validate conservation agriculture on improved soil-water conservation, crop yields and adaptation to climate variability in maize based cropping systems. Funded by Australian government through Sustainable Intensification of Maize Legume Cropping Systems in Eastern and Southern Africa (SIMLESA) program ▮ Dissemination of improved Beans and Pigeon peas varieties for increased productivity and production in Zambia and Malawi. Supported by Centre for Coordination of Agriculture Research in Southern Africa (CCARDESA) ▮ From field to factory management of aflatoxin in groundnuts. Funded by Africa Enterprise Challenge Fund (AECF) through EXAGRIS-Africa Limited ▮ Evaluation of groundnut inoculants for improved groundnut productivity in Malawi. Funded by Agricultural Input Supply Limited (AISL) ▮ Evaluation of PANNER seed sunflower genotypes for adaptation in Malawi. Funded by PANNER Seed company
CONSULTANCIES	<ul style="list-style-type: none"> ▮ Consultant for COOPI Internationale/Malawi Enterprise Zone Association (MALEZA), July-August, 2008. Scope of work: Community facilitation and Mapping of project sites using GIS software ▮ Consultant for Integrating Nutrition into Value Chains Project, October 2013. Scope of work: Production of soybean grain and seed production manual and conduction of soybean and groundnut agronomy trainings to extension agents and smallholder farmers ▮ Consultant for Bright Future Initiative, August 2014. Scope of work: Training of extension agents and lead farmers in soybean and groundnut production ▮ Consultant for National Association for Smallholder Farmers in Malawi (NASFAM) through Integrating Nutrition into Value Chains Project, November 2014. Scope of work: Rapid Capacity Building (RCB) exercise was to strengthen the capacity of the Government extension agents and Agricultural Filed Officers (AFOs) for NASFAM lead and assistant lead farmers in land preparation, seed conditioning and germination test for soybean and groundnut production. ▮ Consultant for Civil Society Agricultural Network (CISANET), October 2014. Scope of Work: An assessment of operational, practice and policy gaps hindering farmer adoption levels of new research technologies in groundnut and soybean value chains: a case of Salima and Lilongwe districts

	<ul style="list-style-type: none">Consultant for Civil Society Agricultural Network (CISANET), December 2014. Scope of Work: Designing and developing 2015-2020 strategic plan for Soybean Association of Malawi (SOYAMA)Consultant for Civil Society Agricultural Network (CISANET), February, 2015. Scope of work: Assessments of global markets for pigeon pea produced in MalawiConsultant for EXAGRIS Africa Limited, February, 2016. Groundnut Seed Management Study and production of Groundnut Seed Management Manual.Consultant for NASFAM, March 2016. Scope of work: Training of NASFAM Agricultural Field Officers (AFOs) and Manager for NASFAM_Champhira office, Mzimba in seed production for groundnut, soybean, common beans and Sunflower and production of seed production manual for the similar crops.Consultant for World Food Programme (WFP). Scope of work: Supervision of the Research Assistants on data collection for the R4 Seasonal monitoring in the Zomba district. January-May, 2018.			
KEY ACHIEVEMENTS	Technologies released for farmers use in Malawi	<ul style="list-style-type: none">2 soybean planting patterns (3 x 15cm & 6 x 30cm)1 groundnut planting pattern (Groundnut twin rows)1 groundnut rhizobia inoculant (Histick groundnut)2 soybean rhizobia inoculants (MEA and Histick)		
PUBLICATIONS	<ul style="list-style-type: none">Kananji, G.A.D., Siyeni, D., Yohane, E. Mtambo, L., Kachulu, L. Chisama, B.F., et al., 2013. A Guide to Soybean Production in Malawi. Department of Agricultural Research Services (DARS), Lilongwe, MalawiSiyeni, D. 2016. Effect of Rhizobia inoculation and phosphorus fertilizer on nodulation and yield of soybean in Dedza, Kasungu and Salima districts of Malawi. MSc dissertation. University of Malawi, Bunda College of Agriculture.Moti, J.D., Nyagumbo, I., Siyeni, D., Kamalongo, D., Ngwira, A., Cachomba, I., Nhantumbo, A., Cumbane, A., George, C., Chowa, S.T. and Mutenje, M., 2016. The benefit package: the promise of conservation agriculture in maize-based systems of Malawi and Mozambique. CIMMYT. ACIAR. IIAM. DARS. Series: SIMLESA Technical Briefs;.D. Siyeni, 2018. Scaling out sustainable agriculture in Malawi. Fact sheet. Sustainable Intensification of Maize Legume cropping systems in Eastern and Sothern Africa (SIMLESA) project. https://simlesa.cimmyt.org/download/scaling-out-sustainable-agriculture-in-malawi-fact-sheet			
MEMBERSHIP	<ul style="list-style-type: none">A member of Soil Health Consortium of Malawi (SoHCoM) that aims at documenting previous and current research on integrated soil fertility management (ISFM) and furnishing extension service providers with information on current and new ISFM on a range of ISFM technologies as well as equipping practitioners with skills to design ISFM practices for their projects.Director (Research) and Treasure for Nandolo Farmers Association of Malawi (NFAM)			
REFEREES	Name Position	A.R. Ngwira, PhD Principal Cropping Systems Agronomist	W. Mhango, PhD Senior Lecturer, Agronomy	Isaiah Nyagumbo, PhD Agronomist- Conservation Agriculture

	Institution	Department of Agricultural Research Services (DARS)	Lilongwe University of Agriculture and Natural Resources (LUANAR)	International Maize and Wheat Improvement Centre (CIMMYT)
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