

PERSONAL INFORMATION**Sarah Mojela Makau** 3, Via del Castellano, 60129 Ancona (Italy) 

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Sex Female | Date of birth 22/08/1994 | Nationality South African

EDUCATION AND TRAINING

02/11/2020–Present	PhD student Department of Agricultural, Food and Environmental Science Università Politecnica delle Marche, Ancona (Italy)	EQF level 7
18/09/2017–05/12/2019	Master of Science in Food and Beverage Innovation and Management (Cum Laude) Università Politecnica delle Marche, Ancona (Italy)	
05/01/2016–31/12/2016	Baccalaureus Technologiae in Agriculture: Crop Production Tshwane University of Technology, Pretoria (South Africa)	NQF level 7
15/01/2013–16/12/2015	Diploma in Agriculture: Plant Production University of Mpumalanga, Nelspruit (South Africa)	NQF 6

WORK EXPERIENCE

07/01/2020–01/11/2020	Research analyst Università Politecnica delle Marche, Ancona (Italy) DNA extraction, Multiplex PCR, Electrophoresis, DNA analysis, Media preparation
06/08/2018–07/09/2018	Quality control Intern Acciarri Società Agricola Srl, Pedaso (Italy) Quality control of various fruits: Peach, Plum, Apple, Kiwi, Pear and Nectarines
15/01/2015–16/12/2015	Production Intern Potato Seed Production (Pty), Lydenburg (South Africa) -Seed planting and harvesting -Field preparation -Packhouse sorting and packaging -Greenhouse maintenance

PERSONAL SKILLS

Mother tongue(s) English (Bilingual) / Sepedi (Native) / Zulu(Bilingual)

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Italian	A2	A2	A2	A2	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

Good communication skills acquired working as a mentor for first year students at University of Mpumalanga in 2014 where I conducted routine afternoon classes. During Work Integrated Learning (WIL) I worked with people of different language and cultural backgrounds in 2015

Organisational / managerial skills

Leadership skills: I was Chairperson for Academics in the Student Representative Council (SRC) in 2014 at University of Mpumalanga

Organisational skills: As part of SRC I organised multiple trips for students within and outside the province

Job-related skills

Research skills: Acquired during my masters studies where I was identifying different species of *Monilinia* using traditional and molecular techniques for isolation and extraction of genomic DNA and also perform PCR, multiplex PCR and gel electrophoresis for visualization of DNA

Production planning: I interned on a farm where I was able to learn on a daily basis how to plan and execute a produce production plan with the assistance of relevant specialists in the industry such as soil scientists

Quality control: conducted quality control inspections of various types of fruits on a commercial farm

Other skills

Laboratory skills / Chromatography / Spectrophotometry / HACCP/ GAP/ GMP/ Agricultural production / Microsoft Office / Problem-solving / Time management / Analytical / Data analysis and interpretation / Teamwork / Attention to detail / Teaching / Presentation

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Independent user	Proficient user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid

ADDITIONAL INFORMATION

Working papers

Sarah M. Makau (2019). Molecular identification and infection monitoring of *Monilinia* spp. causing postharvest brown rot in stone fruit. Università Politecnica delle Marche, Italy.

Sarah M. Makau (2016). Postharvest factors affecting quality of lettuce during the supply chain and their management. Tshwane University of Technology, South Africa.

Conferences

Romanazzi, G., Mancini, V., Murolo, S., Landi L., and **Makau, S.M.**, 2019. Fitoplasmosi e moniliosi nel frutteto. Innovazione strategica in Valdaso, Marina di Altidona, 4 April 2019.

Mancini, V., **Makau, S.M.**, Landi, L., and Romanazzi, G., 2019. Survey on *Monilinia* affecting stone fruits in the Marche region, Central-eastern Italy. V International Symposium on Postharvest Pathology, Liegi, Belgium, 19-24 May 2019. Acta Horticulturae.

Romanazzi, G., Mancini, V., Landi L., **Makau, S.M.**, Kavari, M., Quarticelli, L., Mazzoni, S., and Nardi, S., 2019. Gestione della moniliosi delle drupacee: dal campo al laboratorio e viceversa. Atti Postraccolta dei prodotti ortoflorofrutticoli, Milano, 28-29 October 2019, 23.

Certifications

2020	Food Standards Agency (UK) LUMSA University (Italy) LanguageCert (UK)	Vacuum Packaging and Modified Atmosphere Packing Food Management of Sustainable Development Goals ESOL International (Speaking) (C1)
2019	LanguageCert (UK) Università Politecnica delle Marche (Italy)	ESOL International (Listening, Reading, Writing) (C1) Edible insects: the more you know, the better they taste
2010	Arise Business College (RSA)	Office Computing

Honours and awards 4th position for participation in the 3rd Annamaria Vercesi Master's Degree Award competition, 26 November 2020.

Master scholarship awarded by For Linking Overseas Relations (FLOR), Italy, September 2017 - December 2019.

Baccalaureus Technologiae scholarship awarded by National Research Fund (NRF), South Africa, February 2016 - December 2016.

Baccalaureus Technologiae bursary awarded by Simba (Pty), South Africa, February 2016 - December 2016.

National Diploma bursary awarded by Simba (Pty), South Africa, February 2013 - December 2015.

References

Contact person	Position	Organisation	Contact details
Dr. Valeria Mancini	Co-supervisor	Università Politecnica delle Marche (Former)	+39 340 2893884 vale.mancini@yahoo.it
Prof. Lucia Aquilanti	Associate Professor	Università Politecnica delle Marche	+39 071 2204959 l.aquilanti@staff.univpm.it
Mr. Paolo Acciarri	General Manager	Acciarri Società Agricola Srl	+39 073 4770008 paolo.acciarri@acciarri.eu

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Signature

