

The Agricultural Research Council (ARC) is a premier science institution that conducts research with partners, develops human capital and foster innovation in support of the agricultural sector. It provides diagnostic, laboratory, analytical, agricultural engineering services, post-harvest technology development, agrochemical evaluation, consultation and advisory services, food processing technology services as well as various surveys and training interventions. Through its wider network of research institutes and experimental farms, the ARC provides a strong scientific base and a broadly distributed technology transfer capacity to the entire agricultural industry in South Africa.

***The ARC-Vegetable, Industrial and Medicinal Plants (ARC-VIMP) seeks to award bursaries to academically deserving students that are currently registered at a Public University or University of Technology in South Africa or wish to register for PHD studies within two months of appointment in the following positions at Roodeplaat (Pretoria).***

POSITION	CONTRACT DURATION	DISCIPLINE	RECRUITING LINE MANAGER	REQUIRED QUALIFICATION	LINK TO APPLY
PhD Student	3 years	Virology, Crop Protection	Dr J Mulabisana	MSc/MTech (NQF 9) in Virology, Plant Pathology, Microbiology, Crop Protection, or closely related disciplines (e.g., Genetics, Biotechnology).	
PhD Student	3 years	Microbiology	Prof. S Amoo	MSc/MTech in Plant Pathology, Microbiology, Crop Protection, or closely related disciplines (e.g., Genetics, Biotechnology). Experience in working with endophytes and/or bacterial and fungal isolation.	<a href="https://forms.office.com/r/wqbxutq209">https://forms.office.com/r/wqbxutq209</a>
PhD Student	3 years	Agronomy	Dr H Araya	MSc in Horticulture / Plant Production or closely related disciplines.	<a href="https://forms.office.com/r/xnBzipwyqt">https://forms.office.com/r/xnBzipwyqt</a>
PhD Student	3 years	Agronomy	Dr M Mofokeng	MSc in Horticulture / Plant Production or closely related disciplines.	



POSITION	CONTRACT DURATION	DISCIPLINE	RECRUITING LINE MANAGER	REQUIRED QUALIFICATION	LINK TO APPLY
PhD Student X5	3 years	Plant Breeding	Dr A Gerrano Dr W J van Rensburg	MSc in Plant Breeding/ Genetics/ Molecular Genetics/ Crop Science or and Related Discipline	<a href="https://forms.office.com/r/EVb6BRhz9k">https://forms.office.com/r/EVb6BRhz9k</a>
PhD Student	3 years	Breeding	Dr C.P. du Plooy	MSc in Plant Breeding/ Genetics/ Molecular Genetics/ Crop Science or And Related Discipline	
PhD Student	3 years	Plant Breeding/ Plant Production	Dr W J V Rensburg	MSc in Plant Breeding/ Genetics/ Molecular Genetics/ Crop Science or and Related Discipline	
PhD Student	3 years	Plant Breeding/ Plant Production	Dr S Laurie	MSc in Plant Breeding/ Genetics/ Molecular Genetics/ Crop Science or and Related Discipline	
PhD Student x2	3 years	Production system	Prof S Amoo Dr S Venter	MSc in Horticulture / Plant Production or closely related disciplines.	<a href="https://forms.office.com/r/25rkXaMC13">https://forms.office.com/r/25rkXaMC13</a>
PhD Student x3	3 years	Production system	Prof S Amoo Dr S Venter Dr T van der Westhuizen	MSc in Horticulture / Plant Production or closely related disciplines.	
PhD Student x4	3 years	Analytical Chemistry / Natural product chemistry	Dr D Naidoo-Maharaj	MSc Analytical Chemistry X2; MSc Natural Product Chemistry X2	<a href="https://forms.office.com/r/C3Vvp3SdRA">https://forms.office.com/r/C3Vvp3SdRA</a>
PhD student	3 years	Remote Sensing	Dr M Mofokeng	MSc In Geography or Environmental Science with Specialisation in Remote Sensing	<a href="https://forms.office.com/r/k1mD4YPLSJ">https://forms.office.com/r/k1mD4YPLSJ</a>
PhD Student x2	3 years	Agro processing & product development	Dr E Arendse Dr N Masondo	MSc in Food Science/Food Technology/Biochemistry/ Ethnobotany or related Discipline	<a href="https://forms.office.com/r/jCsxTE0EuA">https://forms.office.com/r/jCsxTE0EuA</a>



POSITION	CONTRACT DURATION	DISCIPLINE	RECRUITING LINE MANAGER	REQUIRED QUALIFICATION	LINK TO APPLY
PhD Student	3 years	Marker Assisted Breeding	Dr A Gerrano	MSc in Plant Biotechnology or closely related disciplines (e.g., Genetics, Plant breeding).	<a href="https://forms.office.com/r/VaPctSf22h">https://forms.office.com/r/VaPctSf22h</a>
PhD Student X1	3 years	Genetic Resources - Cassava Tissue Culture And In Vitro Conservation	Prof. MB Bairu	MSc In Biological Sciences, Plant Biotechnology, Horticulture, Plant Production and/or Plant Sciences. A Strong Knowledge of Plant Physiology, Invitro Conservation and Tissue Culture Systems. Demonstrating Knowledge of experimental design and analysis of own research data is critical. Knowledge on Plant Hormone Physiology is a differentiating advantage.	<a href="https://forms.office.com/r/7tWej3hh d9">https://forms.office.com/r/7tWej3hh d9</a>
PhD student X1	3 years	Genetic Resources - Cannabis Invitro Conservation and Population Genetics	Prof. MB Bairu	MSc in Plant Genetics with strong background in population and quantitative genetics. Experience in Plant Tissue Culture System and Plant Physiology is an Added advantage. Demonstrating Knowledge of Experimental Design and Analysis of own Research Data is Critical. A Valid Drivers' License is a requirement.	
PhD student	3 years	Commercialisation	Dr PJ Steyn, Dr LBT Matsaunyane	MSc in Agricultural Economics or closely related field.	<a href="https://forms.office.com/r/0c35EKhy pZ">https://forms.office.com/r/0c35EKhy pZ</a>

**NB: Students must be willing to work and study at the same time**

**ENQUIRIES CONTACT THE RECRUITING LINE MANAGERS (012) 808-8000**

**CLOSING DATE FOR APPLICATIONS: 04 SEPTEMBER 2023**





The appointment will be subject to a positive security clearance and preference will be given to South African citizens not older than the age of 35 years. Applications accompanied by covering letter, detailed CV, including certificates, supporting documents, copy of driver's license and particulars of three (3) traceable referees. Click on the link to apply. Incomplete applications will not be considered. Applicants who do not receive any response four (4) weeks after the closing date must regard their applications as unsuccessful. The Agricultural Research Council is an equal opportunity employer and is committed to the principles and processes of Employment Equity. The company has the right not to appoint.

