

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.

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***The ARC-Animal Production (ARC-AP) seeks to appoint a highly skilled, experienced and dynamic person to the following positions at Irene, Pretoria:***

## **2. MSC STUDENT: ENVIRONMENTAL SCIENCE**

### ***Key Performance Areas:***

The ARC-Animal Production (ARC-AP) has successfully secured a Research Technology Funding whose outputs must make a significant contribution towards improving the small-holder cooperatives, the title “Digestate application in forage production for ruminant livestock”. We are inviting applications from suitable candidates for a two-year master programme with the following objectives:

- To determines the chemical, physical and biological characteristics of feed stock and bio- digestate from wastewater and abattoir plants
- To determine the effects of bio-digestate fertilizer on agronomic performance, greenhouse gas emission and chemical composition of Sorghum forages.

### ***Scholarship Details:***

- Two years, commencing immediately (July 2021).
- Actively identifies and The Fellowship is valued at R90, 000 per annum.
- Running costs of the project will be covered by the project budget



**Application Requirements:**

- Honours Degree in Natural Science or relevant (Animal, Zoology, Botany, Environmental Science)
- The student should be approved for or registered for full-time studies at any South African public university, or intend to register for a MSc degree in one of the above fields,
- Motivation Letter.
- Full transcripts of Academic Record
- Copy of degree certificates.
- Copy of South African identity document (applicant must be South African).
- Recommendations from 2 Academic References.
- Ability to work with communities and conduct fieldwork,
- Good communication skills (written and verbal),
- Valid driver's licence (code 8/EB).

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**CLOSING DATE FOR APPLICATIONS: 28 July 2021**

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.

