

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-Onderstepoort Veterinary Research (ARC-OVR) seeks to appoint a highly skilled, experienced and dynamic persons to the following positions at Onderstepoort, Pretoria.

SENIOR RESEARCHER: EPV

Key Performance Areas:

- Development and improvement of serological diagnostic assays for blood-borne parasites (ELISA, POC, etc.)
- Preparation of antigens (recombinant and cell culture based) used in serological assays.
- Research to identify immunogenic antigens of interest using genomic and proteomic technologies.
- Epidemiological Research.
- Diagnostic assay validation.
- Diagnostic and research support to serology.
- Technical Signatory for diagnostics.
- Submission of proposals for competitive funding.

Requirements:

- PhD in Biochemistry or Molecular Biology or equivalent qualification.
- An ability to execute and participate in multi-disciplinary research projects.
- A minimum of 8 peer reviewed publications, including for both MSc and PhD theses.
- Evidence of sourcing or obtaining research funds will be an advantage.
- Evidence of student training.
- Good communication skills (written and verbal).
- Must be able to work independently.

Enquiries: Research Team Manager: Prof Ben Mans, Tel: (012) 529 9200



RESEARCHER: VETERINARIAN X 3

Key Performance Areas:

- The incumbent will be involved in research activities on various veterinary diseases of economic importance.
- Coordinate, plan and conduct veterinary activities required on research projects involving diseases of veterinary importance.
- Perform clinical duties on animals kept for research purposes.
- Participate in and authorise diagnostic activities including routine laboratory testing, Proficiency Testing Schemes and National Surveillance Programmes.
- Participate in the planning and implementation of research projects, including performing animal care duties, giving input into animal ethics applications, and DALRRD Section 20 applications.
- Compiling detailed reports relating to animal care and comprehensive recommendations for animal care.
- Manage/supervise animal attendants, Para veterinary staff, CCS veterinarian and SAVC authorised personnel as the need arises.
- Render expert clinical and diagnostic advice on research projects.
- Liaise with clients as and when needed including giving expert advice on diagnostic aspects of various veterinary diseases.
- Collaborate with research and diagnostic staff to publish research in appropriate journals (non-peer-reviewed popular articles, semi scientific and peer-reviewed papers (in journals with high impact factor), and presentation at relevant national and/or international scientific conferences.
- Train and transfer knowledge to animal attendants, students, field veterinary officials and farmers.
- Continually update knowledge and develop skills and translate knowledge of advances in the area into research activity.
- Participate in Programme and Institute-related administrative and other duties as requested by the line manager.
- Ensure compliance with all SHEQ policies and procedures.

Requirements:

- BVSc/BVMCh/BVM (Veterinary degree), with at least one year of practical experience.
- Must be SAVC registered.
- Good communication skills (written and verbal).
- Good interpersonal skills.
- Be willing to work on a weekend rotational basis to perform veterinary duties for all animals housed at ARC-OVR.
- Experience in laboratory diagnostics, molecular biology or statistics will be an added advantage.



- Publications in a relevant field.

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ARTISAN ASSISTANT: REFRIGERATION

Key Performance Areas:

- Assist artisans with maintenance of all cooling units to extend their lifespan.
- Replacement of components of all cooling units.
- Cleaning and replacement of all ventilation filters.
- Weekly inspection on all air-cons, fridges, walk in freezers and other lab equipment.
- Moving equipment to and from workshop to laboratories.
- General maintenance on equipment in laboratories.
- Day to day maintenance activities on lab equipment.
- Ad hoc work activities within the organisation.

Requirements:

- Senior Certificate.
- A valid driver's licence will be an advantage.
- Two years' experience in general maintenance of coding equipment.
- General knowledge of handheld equipment to do maintenance on refrigeration equipment.

Enquiries: Facilities Officer: Mr Pieter Bronkhorst, Tel: (012) 529 9398

CLOSING DATE FOR APPLICATIONS: 28 JUNE 2024

Competitive remuneration package will be congruent with the scope, responsibilities, and the stature of the position. The appointment will be subject to a positive security clearance and preference will be given to designated groups in terms of the ARC Employment Equity Plan. Permanent appointments are subject to six (6) months' probation period. The Agricultural Research Council is an equal opportunity employer and is committed to the principles and processes of Employment Equity Act.

Applications accompanied by covering letter, detailed CV (Including certified copies of certificates, supporting documents, copy of driver's license) must be attached on the link below.

- ❖ Click on the link to apply for **SENIOR RESEARCHER: EPV**: <https://forms.office.com/r/71f9CyNEFW>



- ❖ Click on the link to apply for **RESEARCHER: VETERINARIAN**: <https://forms.office.com/r/LNeDa1CpLT>
- ❖ Click on the link to apply for **ARTISAN ASSISTANT**: <https://forms.office.com/r/WCUw8KwGfe>

NB: Non-RSA citizens with work permit must attach certified copies as well as the names and particulars of three (3) traceable referees.

SAQA evaluation report must accompany foreign qualifications. 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 company has the right not to appoint.

