



ARC • LNR

**LIVESTOCK BUSINESS
DIVISION**

**ONDERSTPOORT
VETERINARY INSTITUTE**

**Programme Managers
(Five posts)**

The ARC-OVI is currently re-organising its research programme, which was previously based on disciplines and now is being re-structured to accommodate emphasis on products. This is in line with international trends and will improve our research capability and delivery to clients and stakeholders. The successful candidates will be responsible for the management and co-ordination of research activities in their respective programmes.

The programme areas are: •New Generation Vaccine Development •Molecular Epidemiology and Diagnostics •Transboundary Animal Disease Control •Food, Feed and Veterinary Public Health •Parasites, Vectors and Vector-borne Diseases.

We require experienced scientists with broad experience in field of the programme, strategic and operational management, as well as strong organisational skills. Applicants must have a PhD degree or equivalent in the relevant field augmented by an excellent record of scientific achievement in biological sciences, including peer-reviewed publications. At least 10 years' proven experience and skills in managing laboratories/processes and overseeing teams of research scientists and technicians are important, as are a proven record in the mobilisation and management of resources, excellent interpersonal skills, demonstrated ability to create and maintain successful scientific alliances/networks locally and internationally, as well as coordinate and facilitate a complex portfolio of research projects. Other requirements essential for these positions are the ability to meet and exceed key performance indicators as directed by the Research and Technology Manager, insight and commitment to ensure alignment of the programmes with ARC mandate and strategy, including human capacity development and transformation. A degree in Veterinary Science, experience in IP protection and exploitation as well as in student mentorship/supervision are desirable.

The successful candidates will be engaged on a three-year fixed-term performance-based contract.

**Senior Research
Scientist
(Molecular Virologist)**

The ARC-OVI is seeking an experienced researcher in Veterinary Virology. The incumbent will form part of a team involved in research on vaccines, diagnostics, epidemiology and control of viral diseases, such as African horse sickness, bluetongue, lumpy skin disease, rift valley fever and Newcastle disease.

The successful candidate will be involved in:

- Research relating to defining the pathogenesis and immune mechanisms in definitive hosts of target diseases of equids and livestock
- Developing molecular and serological diagnostic tools
- Identifying, cloning and expressing protective and diagnostic antigens
- Providing support to the OIE reference laboratory
- Capacity building (teaching and supervision)
- Soliciting research funds and managing research projects.

Applicants must be in possession of a PhD degree in Virology, Immunology or Molecular Biology underpinned by at least 10 years' experience in disease diagnostics, veterinary virology or molecular biology, including gene cloning and expression. They should have experience in supervising post-graduate students and managing research projects. Candidates with a degree in Veterinary Science and/or experience in vaccinology, will have an added advantage.

This is a re-advertisement and those individuals who responded to the first advertisement need not re-apply as their CVs are on record.

The successful candidates will be engaged on a three-year fixed-term performance-based contract.

**Production Manager:
EDD**

A suitably qualified and experienced person is required at the Foot-and-Mouth Disease (FMD) Vaccine Production Unit within the Exotic Diseases

The Agricultural Research Council (ARC) is a science and technology institution of excellence in South Africa, which operates within the National System of Innovation.

The ARC has a mandate for innovative and creative agricultural research, technology development and transfer aimed at the advancement of South African agriculture.

Its operations are overseen by the ARC Council appointed by and accountable to the Minister of Agriculture and Land Affairs. The ARC seeks to appoint highly motivated and dynamic persons to the following posts:

Division of the ARC-Onderstepoort Veterinary Research Institute, South Africa. The person will be responsible for the management of FMD vaccine development and production operations, which entail setting objectives based on local and international needs, co-ordinating and monitoring activities of different sections involved in vaccine production, planning production schedules according to demands, ensuring compliance with quality standards and availability of supplies and other consumables used in vaccine production, as well as planning animal experiments such as vaccine potency and innocuity tests with collaborating veterinarians. The successful candidate will also be involved in research activities aimed at identifying and evaluating vaccine components, developing production processes and writing research proposals to secure funding for selected projects. She/he will manage personnel and finances and assist with marketing vaccines.

Appointment requires a BSc degree in Bio-Processing/Bio-Engineering or any biological/life science qualification with a strong background in bio-processes. At least five years' experience in FMD vaccine production or a biological production environment, as well as a sound understanding of quality standards (GMP), are essential. Post-graduate training in the relevant field will be an advantage.

Special requirement: Employees are not permitted to live on farms or premises where cloven-hoofed animals are kept, or come into contact with such animals on a regular basis. An allowance is paid for the inconvenience of these quarantine restrictions and working in a containment facility.

The successful candidates will be engaged on a three-year fixed-term performance-based contract.

Enquiries can be directed to Dr W. Vosloo at (012) 529-9592 or fax (012) 565-6573.

**Researcher:
Veterinary Entomology**

The Entomology Division of the ARC-Onderstepoort Veterinary Institute invites candidates in possession of an MSc degree in Entomology.

The appointee will be required to work on tsetse fly projects. This will include research and development aspects and overseeing tsetse fly colonies at the ARC-OVI. The person will also be responsible for undertaking field work and would therefore be required to be away from the base on a regular basis for periods between two to three weeks at a time as work demands.

The incumbent will be an enthusiastic, extremely responsible and practical good organiser/communicator with good human relations and ability to work in the field. This research may often be physically demanding since it will include field trips to isolated rural and wilderness areas, lifting and loading heavy containers or equipment and a great deal of walking. Applicants must be able to conduct microscope work and should have a valid Code 08 driver's licence.

The successful candidate will be engaged on a three-year fixed-term performance-based contract.

Enquiries can be directed to Dr Karin Kappmeier-Green at (012) 529-9184.

Research Technician

The Feed and Food Analysis laboratory of the Bacteriology Division of the ARC-Onderstepoort Veterinary Institute is looking for a dedicated, hardworking and innovative individual with a minimum qualification of a Veterinary diploma or equivalent. The incumbent will execute diagnostic procedures and provide general assistance in the implementation of experiments in the Division. He/she will be in possession of a valid driver's licence.

In this capacity, the successful candidate will:
•Perform microbiological tests including processing samples, detection, isolation, identification and enumeration of organisms in accordance with the approved standard operating procedures
•Provide project input regarding technical detail and planning of technical tasks
•Implement assigned experimental protocols, record and perform preliminary analysis of the data
•Be involved in the improvement and development of new test methods
•Participate in the implementation and maintenance of the established quality system in accordance with the requirements of ISO/IEC 17025
•Collect samples from abattoirs
•Assist with media preparation and keeping a record of consumable stock
•Contribute to the training of new staff joining or persons visiting the institute.

Prior experience in microbiological analytical and diagnostic testing in a food or veterinary microbiological laboratory is mandatory for this position. Knowledge of and experience in quality management system, preferably ISO/IEC 17025, will serve as an advantage.

The successful candidate will be engaged on a three-year fixed-term performance-based contract.

Enquiries can be directed to Mrs K. Katsande at (012) 529-9150/144.

**Mechanical Artisan:
Exotic Diseases
Division (Engineering)**

The Exotic Diseases Division of the ARC-Onderstepoort Veterinary Institute requires a sober, reliable and dependable person in the Maintenance Workshop of the Engineering Section.

The applicant must have completed his/her apprenticeship in a recognised mechanical trade and should have gained at least two years' post-qualification experience.

Normal duties will be: •Maintaining and using tools and equipment •Maintaining assets and infrastructure •Occupational health and safety •Using computer and PLC equipment, e.g. the building management system.

Experience in the repair and maintenance of the following equipment will be essential: •Steam boilers and related plant equipment, e.g. autoclaves •Refrigeration and related plant equipment, e.g. cold rooms •Laboratory equipment, e.g. fermenters and bottling machines.

Special requirement: Employees are not permitted to live on farms or premises where cloven-hoofed animals are kept, or come into contact with such animals on a regular basis. An allowance is paid for the inconvenience of these quarantine restrictions and working in a containment facility.

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The successful candidate will be engaged on a two-year fixed-term performance-based contract.

Enquiries can be directed to Mr Evans at (012) 529-9528/138.

**Junior Administrative
Officer (Post Level 3)**

The ARC-OVI requires the services of an enthusiastic Junior Administrative Officer in the Diagnostic Registration Department. The successful candidate must be fluent in English and any other official language and should hold a Senior Certificate. Good organising and planning skills as well as working knowledge of MS Office are required. Prior experience in secretarial tasks, such as typing and filing documents and client liaison, will serve as a recommendation.

Duties include: •Client liaison in the context of the section's diagnostic service •Registration of diagnostic specimens on the ARC laboratory computer program •Handling general enquiries related to the diagnostic service.

The successful candidate will be engaged on a two-year fixed-term performance-based contract.

Enquiries can be directed to Dr Laura Lopez-Rebollar at (012) 529-9272.

**Auxiliary Officer:
Engineering**

The Engineering Workshop of the ARC-Onderstepoort Veterinary Institute requires a reliable person for appointment to the above position.

The candidate must have at least a Grade 8 Certificate. Her/his duties will include general workshop work, e.g. repairing concrete slabs, floors, water pipes and pumps, maintaining fences, wall painting, repairing roof and ceiling boards, repairing and cleaning gutters and drains, painting small manufactured equipment, cleaning sewage station on a daily basis, moving heavy equipment and performing any ad hoc maintenance work. The person must also be able to communicate and write in English.

The successful candidate will be engaged on a two-year fixed-term performance-based contract.

Enquiries can be directed to Mr Muzi Ntombela at (012) 529-9128.

Experience in/exposure to the duties and skills mentioned for all of the positions will be taken into consideration in the selection process.

Positions where a Veterinary degree/diploma is required, applicants must be registered with the South African Veterinary Council.

Competitive remuneration packages will be congruent with the scope, responsibilities and stature of the posts.

Applications, accompanied by a detailed CV (including certified copies of certificates, supporting documents and nationality) as well as the names and particulars of three traceable referees, should be forwarded to Mrs Z. Nkukwana, Divisional Human Resources Manager: Livestock, ARC-OVI, Private Bag X5, Onderstepoort 0110 or faxed to (012) 529-9221. Applications can also be forwarded to AucampH@arc.agric.za

Please indicate clearly which position you are applying for.

Closing date: 31 July 2006.

Applicants who have not received any response from us by 15 September 2006, must regard their applications as unsuccessful.

The ARC is an equal opportunity employer.

AGRICULTURAL RESEARCH COUNCIL