

The Agricultural Research Council (ARC) is a premier science institution that conducts research with partners, develops human capital and fosters 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 Institute (ARC-OVI) seeks to appoint experienced and dynamic persons to the following positions at Onderstepoort, Pretoria:

Senior Researcher

Key performance areas: • Investigate molecular epidemiology of avian diseases in order to develop and apply novel diagnostic methods and reagents • Write grant proposals, to raise funds which supports the research area • Build and manage a research team working in the specific project area • Mentor postgraduate (MSc and PhD) students.

Requirements: • PhD in Microbiology, Molecular Biology, Virology, Biotechnology or related field • Record of successful postgraduate (MSc and PhD) student supervision and mentorship • Experience in research in viral disease epidemiology and/or diagnostics • Ability to secure external funding via research grants • Publication record in peer-reviewed journals.

Enquiries: Dr Phelix Majiwa, tel. (012) 529-9441

Senior Research Veterinarian

Key performance areas: • Manage diagnostic and undertake research activities in the two areas of zoonoses, Rabies and Bovine Spongiform Encephalopathy (BSE) • Manage a team of veterinary technologists and supervise routine diagnostics services for national BSE surveillance and Rabies • Advise the general public and clients on public health issues relating to Rabies and BSE • Validate new diagnostic tests and maintain accreditation of existing tests • Develop research proposals in the area of zoonoses (primarily viral), mentor young and visiting scientists and contribute to technology transfer • Write reports, scientific papers and present research findings at national and international conferences • Liaise with national and international collaborators and manage project budget.

Requirements: • Veterinary degree (BVSc) and preferably registered with the SAVC • MSc degree in Veterinary Epidemiology or a relevant field would be an advantage • Proven record of publications in peer-reviewed journals • Work experience with small animals • Experience in cell culture techniques and virus propagation together with project management would be an added advantage • Computer literacy with proficiency in the MS Office suite • Good communication skills • Ability to work independently.

Enquiries: Dr Claude Sabeta, tel. (012) 529-9439

Postdoctoral Researcher: Feed, Food and Veterinary Public Health Programme

(12-month fixed-term contract)

Key performance areas: • Conduct research on foodborne bacterial pathogens of veterinary and zoonotic importance • Use molecular tools, particularly Real-time PCR for characterisation of bacteria • Contribute to scientific output (conferences, scientific publications, popular articles) • Apply Quality Management principles in research, particularly ISO/IEC 17025 • Mentor students and train visiting scientists • Undertake the financial management of projects.

Requirements: • PhD in Microbiology with specialisation in Bacteriology • Knowledge of and experience in Molecular Biology techniques and applications • Good research track record as evidenced by publications in international and peer-reviewed journals • Knowledge of Quality Management (ISO 17025) would be an advantage • Project management experience • Diverse knowledge of foodborne bacterial pathogens.

Researcher: Analytical Services – FFVPH Programme

Key performance areas: • Develop and validate analytical methods, specifically in the fields of HPLC (DAD and FLD), LC-MS-MS and GC (ECD and MS) • Plan, execute and supervise routine analytical testing of biological samples • Evaluate and interpret technical data generated • Troubleshoot technical problems • Train technicians • Plan and execute research projects • Contribute to scientific output (conferences, scientific publications, popular articles) • Implement ISO 17025 quality requirements within the laboratory • Act as technical signatory.

Requirements: • PhD in Chemistry or related Life Sciences field OR MSc in Chemistry with a minimum of 5 years' postgraduate research experience • Fundamental knowledge of immunological and chromatographic (LC and/or GC) techniques • Good knowledge and understanding of the laboratory environment • Experience in a chromatography and/or an accredited laboratory will be an advantage • Ability to work under pressure, interpret analytical data and troubleshoot • Good communication skills (written and verbal) • Knowledge of Quality Management (ISO 17025).

Enquiries: Dr Liberty Sibanda, tel. (012) 529-9151

Research Technician: Feed, Food and Veterinary Public Health Programme

(12-month fixed-term contract)

Key performance areas: • Conduct research on foodborne bacterial pathogens of veterinary and zoonotic importance • Use molecular tools, particularly Real-time PCR for characterisation of bacteria • Contribute to scientific output (conferences, scientific publications, popular articles) • Apply Quality Management principles in research, particularly ISO/IEC 17025.

Requirements: • BSc/ND in Microbiology, Genetics or related discipline • Knowledge of and experience in molecular biology techniques and applications • Good research track record as evidenced by publications in international and peer-reviewed journals • Knowledge of Quality Management (ISO 17025) would be an advantage • Project management experience • Diverse knowledge of foodborne bacterial pathogens.

Enquiries: Dr Evelyn Madoroba, tel. (012) 529-9384

Maintenance Superintendent: TADP

Key performance areas: • Schedule labour, material/spares and tools to complete the maintenance of the FMD Containments Facility • Adhere to quarantine constraints as required by the OHS Act.

Requirements: • N6 qualification • Must have completed a recognised mechanical trade • 10 years' experience as an Artisan of which 5 years must have been in a supervisory position • Practical knowledge of refrigeration/cold rooms/ultra-freezers would be an added advantage.

Enquiries: Mr E Evans, tel. (012) 529-9528

Competitive remuneration packages will be congruent with the scope, responsibilities and the stature of the positions. Appointments will be subject to a 6-month probation period (for permanent positions only) and a positive security clearance.

Applications accompanied by covering letter, detailed CV (including certificates, supporting documents and nationality. NB: Non-RSA Citizens/work permit holders must attach certified copies), as well as the names and particulars of three (3) traceable referees, should be forwarded to the contact mentioned at each division.

Closing date for applications: 30 May 2014

A SAQA evaluation report must accompany foreign qualifications. Incomplete applications will not be considered.

Applicants who do not receive any response from us within 4 weeks of the closing date must regard their applications as unsuccessful.

The Agricultural Research Council is an equal opportunity employer but is committed to the principles and processes of Employment Equity. The company has the right not to appoint.

Research Technician: Toxicology – Feed, Food and Veterinary Public Health Programme

Key performance areas: • Maintain cell culture laboratory • Assist with research projects • Maintain stocks of reagents and consumables • Evaluate and interpret technical data generated • Calibrate and verify equipment • Improve/implement ISO 17025 quality requirements within the laboratory • Act as technical signatory • Perform any other duties assigned by the Head of Laboratory or Project Manager.

Requirements: • National Diploma in Veterinary Technology • SAVC registration • 2 years' experience in mammalian cell culture • Knowledge of ELISA • Knowledge of chromatographic and spectroscopic techniques would be an advantage • Good communication skills (written and verbal) • Knowledge of Quality Management (ISO 17025).

Enquiries: Dr Esam Elgorashi, tel. (012) 529-9260

Applications: Ms Kele Tshikombji, ARC-OVI, Private Bag X05, Onderstepoort 0110 or faxed to (012) 529-9221. Applications can also be submitted by e-mail to AucampH@arc.agric.za

The ARC-Plant Protection Research Institute (ARC-PPRI) seeks to appoint experienced and dynamic persons to the following positions at Roodeplaat, Pretoria:

Research Team Managers (2 Posts)

(Re-advertisement)

Key performance areas: • Strategically plan, position and market the programme in the relevant agricultural sectors • Manage the research portfolio of the programme, which includes maintaining the quality of accepted scientific standards, leadership with regard to specific research field and quality control of all scientific outputs, projects, proposals and reports • Market research programmes • Report on and manage scientific outputs of the research team • Manage all Technology Transfer initiatives, Human Resources and Communication • Financial management and optimise sustainable external income for programme • Generate and negotiate project proposals with research funders • Build and maintain relationships/partnerships nationally and internationally.

Requirements: • PhD with 5 years' experience in management of research teams • Proven experience and publications record in research in any of the disciplines of biosystematics, microbiology, integrated pest and disease management, insect ecology or management of invasive alien plants • Experience in financial and personnel management, multidisciplinary project and programme management and national and international networking • Proven ability to write successful project proposals, reports and do presentations • Computer literacy with proficiency in the MS Office suite.

Enquiries: Dr SL Venter, tel. (012) 841-9861

Senior Researcher: Entomology

Key performance areas: • Plan and undertake research on the biosystematics of insects • Conduct fieldwork • Manage and develop insect collections • Compile and manage the research budget • Actively source new research opportunities and write proposals for funding • Disseminate research results as scientific peer-reviewed publications, congress presentations, popular articles and client reports • Mentor postgraduate students.

Requirements: • Relevant PhD in Entomology or equivalent • 5 years' relevant work experience • Experience in collections management • SACNASP registration and/or NRF rating • Substantial record of relevant scientific publications • Track record of obtaining research funding • Valid driver's licence.

Enquiries: Dr Isabella H Rong, tel. (012) 808-8138

Senior Office Administrator/Bookkeeper

(3-year fixed-term renewable contract)

Key performance areas: • Be the financial administrative assistant to the Programme Manager and Researchers • Track budgets on all projects • Provide financial information to researchers • Follow up on budget queries and supply chain purchases/payments • Document management – filing, document tracking and follow-up on submissions • Arrange and coordinate travel requirements for staff • Organise and take minutes at research meetings.

Requirements: • National Diploma in Financial Management or related field • 2 years' experience in bookkeeping and office management • Computer literacy with proficiency in the MS Office suite, especially the preparation of financial Excel spreadsheets • Ability to work independently under pressure • Good communication skills (written and verbal) • Knowledge of the Microsoft Project program would be an advantage.

Enquiries: Ms Elline Maleka, tel. (012) 808-8114

Applications: Mr M Mphye, ARC-PPRI, Private Bag X134, Queenswood 0121 or faxed to (012) 808-8299. Applications can also be submitted by e-mail to ppricv@arc.agric.za

The ARC-Grain Crops Institute (ARC-GCI) seeks to appoint an experienced and dynamic person to the following position in Potchefstroom, North West:

Research Technician: Agronomy

Key performance areas: • Assist Researchers in the execution and management of Agronomy • Provide technical assistance in cultivar evaluation projects, relating to sorghum, maize, groundnuts and soybeans • Assist Researchers to compile and manage project budget and prepare progress reports • Organise, supervise and train subordinates and temporary workers.

Requirements: • National Diploma in the related field • 2 years' applicable experience • Registration with relevant scientific body would be an advantage • Experience in establishing trials, collecting and capturing data • Good communication skills (written and verbal) • Computer literacy with proficiency in the MS Office suite • Valid driver's licence • Ability to work long hours in the field, greenhouse and laboratory.

Enquiries: Mr T Prinsloo, tel. (018) 299-6248

Applications: Ms Katleho Tlali, ARC-GCI, Private Bag X1251, Potchefstroom 2520 or faxed to (018) 294-7167. Applications can also be submitted by e-mail to steynme@arc.agric.za



Further information on the ARC is available on the ARC website:

<http://www.arc.agric.za>