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 appoint a highly skilled, experienced, and dynamic person to the following position at Roodeplaat, Pretoria:

SENIOR RESEARCH TECHNICIAN AGRONOMY- MEDICINAL PLANTS AND INDUSTRIAL CROP

Key Performance Areas:

- Co-ordinates and contributes towards projects, by compiling and executing technical project activity plans particularly in relation to propagation and cultivation of medicinal and industrial plants.
- Identifies the need for human resources in project(s) and manages the allocated resources, - Plans and co-ordinates own and technical project work activities.
- Independently conducts specialist research/technical support, diagnostics, and other services within projects.
- Collects, captures, processes, and interprets technical data and makes internal project recommendations.
- Compiles detailed technical reports and submit for approval.
- Recommends new technologies to be optimised.
- Renders diagnostic, technical and other services at a national level.
- Develops technical capacity at an appropriate level.
- Identifies and participates in own learning opportunities.
- Assists with identifying new business opportunities and proactively with income generation for the research unit.
- Participates in projects and supervises as delegated, Participate in the transfer of technology and promotion in the form of presentations, posters, workshops, training products, services, literature, information days, courses, and other events.
- Assists with compiling & managing project budget.
- Presents results to stakeholders.
- Manages project facilities, material, and equipment.

- Ensures optimal utilisation of resources.
- Compliance with human resource policies and procedures.
- Compliance with occupational health and safety policies and procedures.

Requirements:

- MSc/ MTech in Agronomy, Horticulture, Crop Science, Agricultural Science, or closely related field.
- 2 years relevant experience in scientific research focussed on propagation and cultivation, preferably on medicinal plants.
- Relevant peer reviewed publications will be an advantage.
- Evidence of popular article publications will be an added advantage.
- Agricultural Research knowledge and skills.
- Extensive knowledge of medicinal plant production systems.
- Good communication skills verbal and written.
- Proficiency in MS Office suite.
- Valid driver's license.

Enquiries: Dr Meshack Mofokeng: Tel: (012) 808 8000

RESEARCH TECHNICIAN: AGRONOMY (MEDICINAL PLANTS AND INDUSTRIAL CROPS)

Key Performance Areas:

- Contributes towards projects. Assists in coordinating work activities and supervises allocated resources if applicable. Adheres to financial administrative controls.
- Plans own work activities. Utilises and maintains facilities, materials, and equipment effectively.
- Conducts research support, collects, captures, and assists with processing data.
- Provides verbal/written reports on work activities and results. Assists in the preparation of presentations.
- Assists in optimizing equipment use and/or processes and/or systems.
- Provides input in the optimization of new technologies. Assists with technical services.
- Meet peer norm requirements for the specific field of expertise, by recognized scientific contributions at the respective level.

- Comply with all occupational health and safety regulations. Pro-active response to hazardous situations.
- Develop technical capacity at an appropriate level. Identifies and participates in own learning opportunities.
- Maintenance of premises and land, buildings, and research facilities.
- Preparation of land for planting of research trials, including laying out of field trials.
- Cleaning and maintenance of trials by weeding, pest and disease management, fertilizer application, and irrigation.
- Harvesting of trials, data collection, and capturing.
- Maintenance of irrigation systems, tools, and equipment.
- Efficient and effective use of scientific equipment. Compliance with the OHS policies and procedures.
- Training of communities and farmers.
- Frequent travelling to off-site projects.

Requirements:

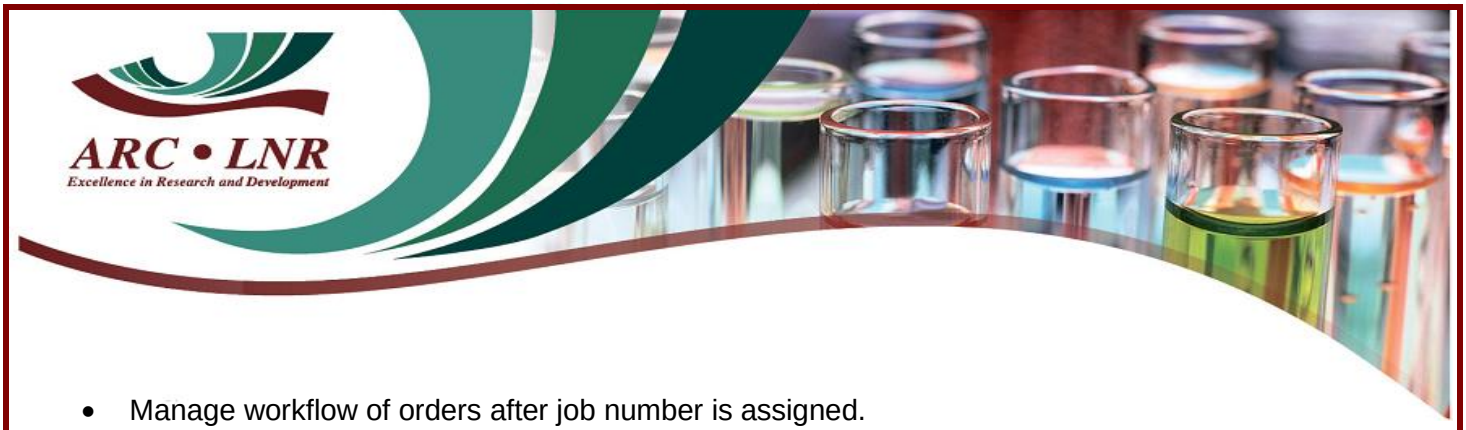
- BSc Degree Or National Diploma (3 years) Or NQF6 in Agronomy, Crop/Plant Production, Crop/Plant Science.
- 2 years relevant experience in a research environment.
- Computer literacy and data management skills.
- Valid driver's license.

Enquiries: Mr Clive Masemola: Tel: (012) 808 800

RESEARCH TECHNICIAN- COMMERCIAL IN VITRO LAB (ROOTS TUBER AND BULB)

Key Performance Areas:

- In vitro multiplication of commercial crops, new crops, and ornamental plants at ARC-VIMP for clients with regular reports to clients and management.
- Multiplication of material from collections going to industry and researchers.
- Responsible for submitting requisitions for projects where needed.
- Be an active role player in QMS.



- Manage workflow of orders after job number is assigned.
- Capturing of cutting data on a relevant system. This must happen in time including quality assurance.
- Comply with aspect regarding all certification systems in use in line with QMS.
- Manage subordinates and capture timesheets where needed.
- Works closely with researchers; provides support where needed.
- Better own training to add value to the actions linked to research.
- Regular report back during project meetings.
- Complies with SHE/OHS regulations and procedures.

Requirements:

- BSc/Diploma in Biological/Agricultural Sciences.
- Proven computer literacy and database management skills.
- Experience in in vitro multiplication techniques.
- Good interpersonal and communication skills (verbal and written).
- Strong problem solving and analytical skills to recognise diseased plants.
- Ability to work independently.
- Ability to work systematically.
- Valid drivers' licence.

Enquiries: Ms Olwethu Madzikane: Tel: (012) 808 8000

ARTISAN

Key Performance Areas:

- Be versatile and capable of maintaining/repairing/constructing assets in various areas such as plumbing, cooling and electrical equipment's according to job requests.
- Maintenance of buildings, equipment, infrastructure and built environment across the campus. Plan, budget, and maintain all plumbing and building maintenance across the campus.
- Maintain and provide for the safe condition and operation of all buildings and plumbing systems.
- Maintain the flow and drainage systems, by assembling, installing, and repairing all plumbing systems.

- Maintain and repairs all the buildings, tunnels, laboratories, and glass houses.

Requirements:

- Grade 12 / Matric qualification and relevant 1 to 2 years' experience working within Artisan environment and Trade test certificate on plumbing and general building.
- Driver's license Code 8 or 10.
- Adhere to OHS Regulations.
- Good communication skills.
- Ability to perform routine work.
- Well-developed interpersonal skills.

Enquiries: Mr Eric Mathisa: Tel: (012) 808 8000

CLOSING DATE FOR APPLICATIONS: 03 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 form.

- To apply for **Senior Researcher Technician Agronomy: Medicinal Plants and Industrial Crop**. https://forms.office.com/r/2WYaSD2En5
- To apply for **Research Technician Commercial In Vitro Lab (RTB)**. https://forms.office.com/r/KH949wA5cb
- To apply for **Research Technician Agronomy (Medicinal Plants and Industrial Crops)**. https://forms.office.com/r/FUvKiFheQ1
- To apply for **Artisan: Facilities** https://forms.office.com/r/0wjWfN1ds7

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.