



POST DOCTORAL RESEARCH FELLOWSHIP AT THE UNIVERSITY OF THE FREE STATE – QWA QWA, SOUTH AFRICA

The Department of Physics (Qwa Qwa Campus) has a full-time, three-year Postdoctoral Fellowship available for research on the **Development of Anticorrosive Composite Primers**. This is an exciting opportunity to join a vibrant and productive research group. A call is open to hard-working and motivated candidates who have finished their PhDs within the past 5 years. The successful candidate will be expected to live in Qwa Qwa when conducting research.

Successful candidates will mainly be expected to undertake research and other academic activities including co-supervision of postgraduate students and lecturing as part of their career development. The candidate will also be expected to publish in the DHET-accredited journals, and to apply for external funding.

Key Performance Areas:

- Interact with collaborators to design experiments and develop process designs.
- Draft grant applications in this broad research area.
- Publish a minimum of 3 manuscripts per year in reputable journals and peer-reviewed conference proceedings in this field. The renewal of the fellowship beyond the first year depends on satisfactory performance and the submission of an annual progress report.
- Involvement in initiating and managing research projects.
- Assisting in overall management and contribute to the various activities of the Research projects.

Minimum Requirements:

- A recently earned PhD in Physics or Material Science. At the time of the award, the candidate should have graduated with his/her doctorate no longer than within the previous five years.
- Certified copies of academic qualifications plus academic records. **Please provide academic transcripts and SAQA evaluation certificate, if qualifications were obtained outside South Africa.**
- Have experience in the field of development nanocomposite primers that will help to protect the metal surface from corrosion.
- At least 3 published journal papers in the last 24 months.
- Established track record of publications and conference contributions related to the outlined research areas.
- Successful applicants may not hold full-time salaried employment during the fellowship.
- International Postdoctoral Research Fellows must have a long-term visitor's visa.
- Not in full-time academic employment; and
- Successful applicants must be able to relocate to the UFS (Qwa Qwa Campus) for the duration of the fellowship. This is a residential fellowship: the successful applicant is required to spend 80% of her/his postdoctoral period at the UFS (Qwa Qwa Campus).

All applications should be emailed to **Prof. (Associate Professor) L.F. Koao at: koalf@ufs.ac.za** with the following supporting documents: 1) Full CV including a list of research publications, conference papers, and other scholarly output, 2) letter of motivation, 3) research plan, 4) certified copy of passport or ID document, 5) Contact details of two academic referees who have taught/supervised the candidate. (one referee must be your lead PhD supervisor).

Applicants who have not heard anything within two weeks should assume they have been unsuccessful.

Closing date: 31 October 2024

For enquiries, please contact Prof. L.F. Koao. Email: koaolf@ufs.ac.za.