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**Focus Area: Occupational Hygiene and Health  
Research Initiative**

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8 February 2024

## Postdoctoral fellowship in Occupational Hygiene/Health

A postdoctoral fellowship is presently available at the *Occupational Hygiene and Health Research Initiative (OHHRI)* within the Faculty of Health Sciences of the North-West University, Potchefstroom, South Africa. Our broad research focus is in occupational/industrial hygiene and involves the anticipation, recognition, evaluation, and control of chemical and physical stressors (factors) posing a risk to the health of workers in primarily South African workplaces. As a post-doctoral fellow, you will have the opportunity to work with leading experts in the field and collaborate with industry partners to advance our understanding of workplace hazards and promote safe and healthy working environments. You will be involved in cutting-edge research projects, data analysis, and dissemination of findings through publications and presentations at conferences. Our program offers a supportive and collaborative environment where you can build your skills and expand your knowledge base. You will have access to state-of-the-art facilities and resources, including cutting-edge equipment and software, as well as mentorship from experienced researchers and professionals in the field.

This is a full-time postdoctoral fellowship funded through the NWU Postdoctoral Programme. The fellowship carries a value of R249 600 (tax-free) per annum, once-off relocation costs (R20 000), and R20 000 per annum research funding.

The postdoctoral fellowship is available for an initial period of one year, renewable up to three years subject to satisfactory progress (performance evaluation). The fellowship will be based in Potchefstroom. Interested candidates are encouraged to apply for additional funds to top-up the base remuneration from the South African National Research Foundation (NRF).

### Key responsibilities:

- Conducting research within the Collaborative Programme for Additive Manufacturing as well as in the NRF Protea project to assess the ergonomic impact and occupational exposure associated with additive manufacturing is investigated and may involve ergonomic, emission/exposure surveys and/or toxicological studies.
- Attendance of relevant national or international conferences.
- Assisting with training and supervision of younger researchers including MSc and PhD students.
- Review relevant literature to inform your research and to stay up to date with the latest developments in the field.
- Collaborating with other researchers, including principal investigators, graduate students, interns and other postdoctoral fellows, to contribute to other focus area projects and share knowledge and expertise.
- Writing papers and reports and presenting research findings to effectively communicate your findings to the scientific community and other stakeholders.
- Assist with writing grant proposals and developing research plans.
- Assist in capacity development at the NWU through active interaction, mentoring postgraduate students and co-supervision.

The successful candidate will have to comply with the following requirements:

- A PhD-degree (Occupational/Industrial hygiene or Occupational Health) or closely related qualification - obtained within the last 5 years.
- Knowledge of and experience in research within the field of occupational hygiene/occupational health or closely related field.
- Strong written and oral communication skills with a demonstrated record of research excellence (minimum of four recognised publications and presentations at national and international conferences).
- Strong analytical and technical skills, including experience in emission/exposure studies and/or laboratory toxicology assays.
- The applicant should have the ability to work independently.
- Competency in statistical analysis.
- A valid national/international light motor vehicle driver's license.

Applications for this position must be done in writing and should include a cover letter of motivation (detailing your relevant experience and research interests, current research activities as well as your interest in this fellowship), a detailed curriculum vitae with contact details of at least two references and proof of your PhD degree. The closing date for applications is 4 March 2024.

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For more information on OHHRI, see: <http://health-sciences.nwu.ac.za/ohhri>