



CALL FOR APPLICATIONS FOR POSTDOCTORAL RESEARCH FELLOWSHIP

The Sport, Exercise Medicine and Lifestyle Institute (SEMLI) at the University of Pretoria invites applications for a 2-year postdoctoral research fellowship within the research focus areas of SEMLI.

The University of Pretoria has identified sport, exercise medicine and lifestyle interventions for chronic disease as one of its four main strategic niche areas for research activity. To this end the Sport, Exercise Medicine and Lifestyle Institute (SEMLI) was established with the vision of being an international leader in scientific, multi-disciplinary, translational research in these areas.

SEMLI is part of the IOC Research Centre for South Africa, one of only 11 IOC Research Centres worldwide, which prioritise the protection of athletes' health through the prevention of injury and illness in sport. In alignment with this SEMLI performs research within the following broad research themes:

- ***Exercise-related Injuries, Medical Complications & Illness:*** *The prevention, non-surgical management and rehabilitation of musculoskeletal and other injuries in sports, and the prevention and management of medical complications and illness in sports.*
- ***Sports Performance:*** *Enhancing excellence in sporting performance*
- ***Lifestyle Interventions for Chronic Disease:*** *The prevention, management and rehabilitation of patients with non-communicable diseases of lifestyle through patient-centred, comprehensive, lifestyle interventions that include promotion of physical activity and participation in recreational sport.*

This postdoctoral fellowship presents an opportunity to contribute to the continued growth of these research themes within a multidisciplinary team.

Responsibilities:

The postdoctoral fellow will work within one of these broad research themes to promote health, reduce injuries and optimise sports performance, on projects mutually agreed upon which are relevant to the postdoctoral fellows' qualifications and experience and SEMLI's research needs. Tasks will include, but not limited to:

- conducting research at SEMLI, including proposal development and ethics submissions, planning and implementing data collection, data cleaning and analysis, manuscript writing and editing
- publishing academic papers and presenting at conferences (where opportunities exist)
- collaborating with academic staff, sport science and clinical practitioners, coaches etc as necessary
- supervising MSc and PhD students
- contributing to grant funding applications
- administration and on-going development of an existing athlete management system
- participating in teaching at SEMLI, where relevant
- carrying out administrative tasks as necessary in day-to-day operations

Funding and Tenure:

The duration of this Fellowship is 2 years full-time and is based at SEMLI in Pretoria, South Africa. This Fellowship will conform to all requirements and policies as stipulated by the University of Pretoria for international or local postdoctoral fellowships.

Requirements:*Essential*

- A PhD in one of the following (or related) fields, obtained within the past five years:
 - o Sport and Exercise Medicine
 - o Sport Science
 - o Biokinetics
 - o Sports Physiotherapy
- Publication record in peer-reviewed journals
- Experience in applied sport science/medical field
- Ability to work in a multidisciplinary team environment
- Strong interpersonal and verbal/written communication skills
- Strong computer skills, including MS Office and statistical software
- Applicants need to be younger than 40-years at the time of taking up the Fellowship.

Advantageous

- Experience in the supervision of postgraduate students
- Experience in working with competitive athletes and/or teams
- Experience with sensor/wearable technology, athlete surveillance/monitoring systems, other sports performance data

Contact:

- Applications can be sent to Ms Mkondo at: Rp.mkondo@up.ac.za
- Please include the following supporting documents with your mail:
 - o Cover letter detailing your area(s) of expertise and how they align with SEMLI's research area(s), what you can bring to the research programme of SEMLI, and what your career aspirations are.
 - o CV including qualifications, work experience, and evidence of achievements such as publications and awards.
 - o Certified copies of degree certificates and academic transcripts
 - o Names and contact details of two professional referees.

SEMLI reserves the right not to appoint.

<https://www.up.ac.za/sport-exercise-medicine-and-lifestyle-institute/>