



School of Health Systems and Public Health

The School of Health Systems and Public Health (SHSPH) has four postdoctoral fellow projects available.

Description of the Postdoctoral Fellow projects

A. Environmental and Occupational Health Division

Two projects are available in the research active Environmental and Occupational Health (EOH) Division at the SHSPH, Faculty of Health Sciences, Prinshof Campus, Bophelo Road 31, Pretoria.

The projects are in the research fields of **environmental** and **occupational epidemiology**.

The **environmental epidemiology** project will investigate the association between air pollution, climate change and non-communicable disease using a large dataset from Sibanye Gold Ltd.

The **occupational epidemiology** project will investigate the association between occupational exposures and typical occupational diseases using a large dataset from Sibanye Gold Ltd.

At least four journal articles can be published from the results.

The successful applicants will receive postdoctoral training in the EOH Division starting January 2018. Regular journal club discussions, presentations of project results to the EOH Division, entire SHSPH and at conferences along with lecturing in selected postgraduate courses will complement the training.

B. Department of Public Health Medicine

Two projects are available in the Department of Public Health Medicine at the SHSPH, Faculty of Health Sciences, Prinshof Campus, Bophelo Road 31, Pretoria.

The projects are in the research fields of **Preventive Medicine** and **Health Technology Assessment**.

The **Preventive Medicine** project will investigate the various preventive and wellness measures being introduced for cardio-metabolic diseases using a large dataset from Sibanye Gold Ltd.

The **Health Technology Assessment** project will systematically evaluate the social, economic, organizational and ethical issues of health technologies currently being introduced in Sibanye

Gold Ltd. The project will be managed jointly with Royal Australasian College of Surgeons (ASERNIP-S) and The International Network of Agencies for Health Technology Assessment (INAHTA)

At least four journal articles can be published from the results.

The successful applicants will receive postdoctoral training in the Department of Public Health Medicine starting January 2018. Regular journal club discussions, presentations of project results to the Department, entire SHSPH and at conferences along with lecturing in selected postgraduate courses and supervision of Masters and doctoral students will complement the training.

Requirements

- PhD in Public Health, Preventive medicine, Epidemiology, Biostatistics, Health Technology Assessment or related disciplines
- The candidate should be fluent in speaking and writing English
- The project demands above average numeracy skills. Furthermore, experience in statistical analyses using R, Stata and/or SAS will be an advantage. If experience is lacking, then training in the use of statistical packages will be provided during the project.

Funding

No funding is currently available for the **personal living expenses** of the postdoctoral fellows and therefore applicants should have a strong academic track record and be eligible to apply and receive one or more of the following postdoctoral fellowships. The principal investigators will assist the applicants in completing the NRF fellowship applications.

- Funding for the 2-year **NRF-TWAS Postdoctoral Fellowships** can start in January 2018
 - Closing date **6 July 2017**
 - Enquiries/submission: Online at NRF website: <http://www.nrf.ac.za/content/nrf-twas-postdoctoral-fellowships-2018>
- Funding for the 2-year NRF Free-Standing, Innovation and Scarce Skills Postdoctoral Fellowships can start in January 2018
 - Closing date **6 July 2017**
 - Enquiries/submission: Online at NRF website: <http://www.nrf.ac.za/content/nrf-free-standing-innovation-and-scarce-skills-postdoctoral-fellowships-2018>

Please read the guidelines of the fellowships carefully as one is for non-South Africans and the other for South Africans.

How to apply?

Submit the following via a DropBox link (www.dropbox.com) to the principal investigators

- A signed motivation letter
- Curriculum vitae, indicating publications in peer-reviewed journals (minimum 2 in ISI journals: <http://www.scimagojr.com/journalrank.php>)
- A comprehensive university academic record of undergraduate and postgraduate

degrees

- Certified copies of all degree certificates
- Two signed reference letters (academic/professional) to be submitted independently to the principal investigator

Closing date

23 June 2017. Short-listed candidates will be interviewed in person or via Skype during **26-30 June 2017** (i.e. to be able to apply in time for the NRF fellowships mentioned above).

Further information

Visit the SHSPH website: <http://www.up.ac.za/school-of-health-systems-and-public-health> and look at the SHSPH Postgraduate Book for courses presented:
http://www.up.ac.za/media/shared/25/ZP_Resources/2017_postgraduate_book.zp111000.pdf

Or contact the principal investigators

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