



**Sydney Brenner Institute for Molecular Bioscience (SBIMB)
University of the Witwatersrand
Recruitment for 2017
Postdoctoral Fellowship and Doctoral Bursaries**

We are strengthening our research team to build critical mass to explore genomic, transcriptomic and epidemiological data related to disease susceptibility and treatment in African populations. Doctoral bursaries and a postdoctoral fellowship are available for the following research area:

Exploring the impact of African genomic variation and environmental factors on health

Understanding the interactions between genome structure and environmental influences is essential to interpreting their role in human health and susceptibility to disease. Despite rapid increases in infectious and non-communicable diseases on the African continent, there is a dearth of genomic studies on African populations. Therefore, you will be contributing to research that will be of value to the future good of Africa.

The positions will be based at the multi-disciplinary Sydney Brenner Institute for Molecular Bioscience (SBIMB) at the University of the Witwatersrand, Johannesburg, South Africa. All candidates will be required to undertake and promote cross-disciplinary research. Positions are subject to approval by the National Research Foundation (NRF) and thus South African candidates are encouraged to apply, although **other nationalities will be considered** since these roles require scarce skills.

Minimum requirements:

1. An appropriate degree (Masters for Doctoral Bursary; PhD for Postdoc) obtained within the last 5 years.
2. Previous research experience in bioinformatics/genomics techniques, biostatistics, mathematics, as well as an ability to work with large data sets is necessary for appointment at the Postdoc level, and advantageous for appointment at the Doctoral level.

Doctoral support is provided for three years. The Postdoctoral Fellowship is awarded provisionally for a total of two or three years, with annual renewal subject to performance and progress.

Submitting your application:

Please email your application through as follows:

- Your CV (maximum of 4 pages)
- A cover letter (maximum of 2 pages) indicating how your knowledge and skills would align with the research topic, and what your expectations are should you be successful.
- Contact details for three academic referees

Please make the subject of the email:

APPLICATION-DoctoralBursary-YourSurname or

APPLICATION-PostDoc-YourSurname, as appropriate.

Email your application through to sbimb@wits.ac.za and jocelyn.gayenga@wits.ac.za. You may contact michele.ramsay@wits.ac.za for further information.

Deadline: **31 January 2017**, though applications will also be considered beyond this if suitable candidates have not been identified.

The grant-holder reserves the right not to make a nomination if suitable candidates are not identified.