



UNIVERSITEIT • STELLENBOSCH • UNIVERSITY



UNIVERSITY  
OF  
JOHANNESBURG

### POSTDOCTORAL POSITION: ANTARCTIC PLANT PHYLOGENOMICS

An exciting postdoctoral position to investigate **Antarctic terrestrial plant phylogenomics** is available at **Stellenbosch University** (<http://academic.sun.ac.za/cib/team/academic/jleroux.asp>) and the **University of Johannesburg** (<http://www.molzoolab.co.za/>), South Africa; collaborative project. The successful applicant will be based at Stellenbosch University, but will be expected to spend some time at the University of Johannesburg. The envisaged research will address a major question in modern biology: how has plant life evolved and spread around the Antarctic region, both in the past and currently? This research forms part of an international collaboration: "**A Functional Biogeography of the Antarctic** (AFBA, see <http://antarcticbiogeography.org/>)" as part of the **Antarctic Circumnavigation Expedition** (ACE). ACE involves 22 projects, 55 researchers and 19 countries and is the first project of the newly created Swiss Polar Institute.

The successful candidate will be responsible for plant phylogenomic research on selected taxa from the Antarctic and Southern Ocean Islands. Using the latest phylogenomic and analytical approaches, the research aims to shed light on the history of plant life in the region, how it will respond to environmental change, and what can be done to secure its future.

Only candidates with demonstrable (i.e. published) skills in next generation sequencing data analyses with an emphasis on phylogenomics will be considered. Preference will be given to candidates with previous postdoctoral research experience and an excellent academic track record (i.e. publications in international journals). Successful candidates will be fully funded for 1 year, to be extended for an additional 1 to 2 years depending on satisfactory performance. An attractive annual bursary will be offered along with additional expenses for research, international travel and subsistence, and conference attendance. Individuals from all nationalities are eligible.

To apply, please send a **CV, contact details for at least two academic references, and a brief outline of research interests** to Prof. Jaco Le Roux ([jleroux@sun.ac.za](mailto:jleroux@sun.ac.za)) and Prof. Bettine van Vuuren ([bettinev@uj.ac.za](mailto:bettinev@uj.ac.za)) by **28 February 2017**. Informal inquiries are welcome. Review of applications will begin immediately after the closing date, and short-listed candidates will be contacted to set up phone/Skype interviews. The envisaged start date for the project would be March/April 2017.



Ecological Genomics & Wildlife Conservation



DST-NRF Centre of  
Excellence for  
Invasion Biology