

## **Molecular Ecology: Two Postdoctoral Fellowships** Kirstenbosch Research Centre, Newlands, Cape Town

Applications are invited for two postdoctoral fellows to join the Molecular Ecology programme, and participate in SANBI's collaborative research programme focusing on the use of molecular markers to understand species, landscape and population level processes that can inform and strengthen SANBI's outputs and programmes.

**Requirements:** The candidates must have a recent PhD (in Biology), and experience with phylogenetics, landscape/ population/ conservation genetics and/or phylogeography. Excellent DNA laboratory and analytical skills are a prerequisite, as are demonstrated hypothesis based scientific thinking, and a publication record in international peer-reviewed journals.

The fellows will be expected to focus in one of two areas:

1. Quantifying the status of South Africa's biodiversity at the genetic level, using relevant metrics and large existing datasets, OR;
2. Monitoring changes in genetic diversity for priority species, and investigating metrics to evaluate short term trends in genetic diversity.

**Responsibilities** include:

- Implement research projects to enhance the profile of the research group through high productivity, and publish findings in internationally peer reviewed journals;
- Contribute to SANBI's National Biodiversity Assessment or National Monitoring Framework through hypothesis driven research;
- Develop collaborations where molecular tools may be useful to answer key questions;
- Contribute to human capital development for enhancing skills in molecular ecology.

**Bursary value:** The fellowship of R200 000 per year is offered for a period of two years, with the possibility of renewal for a third year. Running costs to the amount of R40 000 per year are attached to each of the positions.

**Application procedure:** Each application is to be accompanied by a standard application cover sheet (attached to this advert). Applications are to include a full CV; certified copies of academic record and degree and a copy of ID document; names and contact information for three references (one of which must be an academic supervisor); and a letter of motivation (no more than two-pages).

Send all documents to [students@sanbi.org.za](mailto:students@sanbi.org.za) with "SANBI Molecular Ecology Fellowships" in the subject line.

For additional information regarding these positions please contact:  
Prof Krystal Tolley email ([k.tolley@sanbi.org.za](mailto:k.tolley@sanbi.org.za))

Applications close on **27 March 2015**. Successful candidates will be notified by 15 April 2015.

*SANBI reserves the right not to fill these fellowships.  
If no response has been received within 21 days of the closing date, candidates may assume that their applications were unsuccessful.*