



Centre for Bioinformatics and Computational Biology  
Stellenbosch University

## Post-doctoral position

### Scope of Research

The Centre for Bioinformatics and Computational Biology ([www.sun.ac.za/sci-bioinformatics](http://www.sun.ac.za/sci-bioinformatics)) is seeking a talented post-doctoral researcher to work on the application of machine learning to biological datasets. Ongoing projects are focused on genomics datasets, and specifically, the development of novel ML approaches to generate new biological insights, and the development of innovative ML methods for analyzing existing human genomic data.

### Host

The position is based in the Centre for Bioinformatics and Computational Biology on the Stellenbosch campus of Stellenbosch University. Stellenbosch University is one of the highest ranked universities (QS and Times Higher Education rankings) in South Africa, with an established international footprint of academic excellence and a multicultural staff composition.

### Requirements

A PhD in bioinformatics, mathematics, applied mathematics, computer science, or another relevant field is necessary (graduation within the last 5 years). Experience in ML, neural networks and AI is preferred. Expertise in analyzing large datasets and a working knowledge on multiple programming languages are highly valued. An active GitHub footprint is a plus.

### Period

The position is annually renewable (depending on progress and availability of funds) for a period of up to 3 years.

### Salary

A post-doctoral salary in line with the Stellenbosch University guidelines of R250,000-R300,000 (depending on experience) is applicable. The salary excludes benefits.

### Application

Qualified candidates are encouraged to contact Prof. Hugh Patterton directly at [hpatterton@sun.ac.za](mailto:hpatterton@sun.ac.za).

In the email, please attach your CV, and a cover letter briefly describing your research interests and highlights of your research achievement. Include the contact details of three referees. Please use the e-mail subject title "Postdoc application, your name". Applicants will be evaluated immediately (03/01/2018) until the position is filled.

### Commencement of duties

As soon as possible

