



## SENIOR LECTURER: BIOINFORMATICS

(3 year contract)

### DIVISION OF HUMAN GENETICS DEPARTMENT OF PATHOLOGY FACULTY OF HEALTH SCIENCES

The Sickle Data Coordinating Centre (SADaCC) in the Division of Human Genetics seeks to fill an academic position at **Senior Lecturer** level on a 3-year contract position soon as possible. The successful candidate will be expected to develop and teach courses in informatics specifically databasing and semantics (online and face to face) and to supervise postgraduate students. Furthermore, the candidate will be expected to carry out research and to contribute to departmental administration. In addition, they will be required to collaborate with a SADaCC sister consortium, Sickle Pan-African Research Consortium (SPARCO).

#### Minimum requirements:

- PhD in Bioinformatics;
- A proven track record in peer-reviewed research publications in bioinformatics, semantics and specifically biological ontologies;
- Proficiency in programming languages applicable to scalable data analysis;
- Substantial experience working with Sickle Cell Disease data;
- Proficiency in software and database development specifically MySQL;
- Experience in course development and course convening;
- Demonstrable experience in teaching, training and supervision of postgraduate students;
- Willingness to travel and teach in Africa.

#### Advantageous:

- Postgraduate qualification in mathematics or computer science;
- Experience in managing a team of developers;
- Knowledge of statistics.

#### Responsibilities:

- Student supervision.
- Teaching and Training
- Research
- Leadership, Management and Administration
- Social Responsiveness

The annual cost of employment for 2018, including benefits (*where applicable*) is negotiable between R728 444 - R786 717.

To apply, please e-mail the below documents in a **single pdf file** to, [recruitment05@uct.ac.za](mailto:recruitment05@uct.ac.za):

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- A letter of motivation detailing suitability for this post
- Curriculum Vitae (CV)

Please ensure the title and reference number are indicated in the subject line.

An application which does not comply with the above requirements will be regarded as incomplete.

**Telephone:** 021 650 3003

**Website:** [www.health.uct.ac.za](http://www.health.uct.ac.za)

**Reference number:** E18460

**Closing date:** 17 December 2018

UCT is committed to the pursuit of excellence, diversity and redress in achieving its equity targets. Our Employment Equity Policy is available at <http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf>. For this post we seek particularly to attract black (*i.e.* African, Coloured, Indian) South African candidates.

UCT reserves the right not to appoint.