



Division of Exercise Science and Sports Medicine

Department of Human Biology

Faculty of Health Sciences

University of Cape Town

Private Bag, Rondebosch 7700, South Africa

Tel: +27 21 650 4561 Fax: +27 21 650 1796

Head of Division: Professor E V Lambert



MSc/PHD FELLOWSHIP IN HEALTH SCIENCES AT THE UNIVERSITY OF THE CAPE TOWN 2015

Applications are invited for a MSc/PhD position within the Department of Human Biology, Exercise Science and Sport Medicine Research Unit, University of Cape Town for a project entitled: **“Adipose tissue oxidative stress and it’s association with insulin sensitivity”**.

The research project aims to examine the effect of weight loss, through dietary intervention, on levels of oxidative stress and insulin sensitivity. The study population will comprise of members participating in a weight loss programme in Cape Town, and who will be monitored over a period of 6 months. As part of the MSc/PhD, the student will be involved in collecting anthropometric and body composition measures, assessing physical activity and diet, and molecular analysis of fat biopsies for markers of oxidative stress, anti-oxidant activity, insulin signaling and inflammation.

Candidates must have a Hons/Masters degree or equivalent thereof in the health and biological sciences.

The successful candidate will be required to register for their MSc/PhD at the University of Cape Town.

A top-up fellowship is available to the value of R40 000/R60 000 (tax free), for MSc/PhD, respectively, and which is renewable annually for a period of 2 years dependant on the progress of the candidate.

Applicants are requested to submit the following:

1. A covering letter indicating your suitability for the position;
2. Curriculum vitae, including references;
3. Copy of your ID book;
4. Certified copies of your qualifications.

Only applications that include the above requirements will be considered.

For further enquiries or to apply, please contact Dr Dheshnie Keswell on e-mail: Dheshnie.Keswell@uct.ac.za or Tel: 021 650 4561.

Closing date for applications is 13 February 2015.



The University of Cape Town is committed to policies of equal opportunity and affirmative action, which are essential to its mission of promoting critical inquiry and scholarship

