

# Postgraduate opportunities in SARCHI Chair in Carbon Technology and Materials for 2014 Academic year

## Background

The prestigious multidisciplinary South African Research Chair in Carbon Technology and Materials was awarded to the University of Pretoria (UP) in 2006 and is now in its second five-year term as part of SARChI. Research focus areas are: nuclear graphite; fabrication and characterisation of new carbon/graphite materials; composites and thermal materials; graphite oxidation; and nano-carbon with the emphasis in graphene research which includes synthesis, characterisation and its applications to photovoltaic and energy storage as super capacitors and graphene/conducting polymer composites as gas sensors.

## Academic Programme

Students from a scientific discipline will be expected to complete 64 credits worth of coursework selected from a number of postgraduate modules. Students holding Bachelor's degree in different disciplines will be expected to commence their research in parallel with their honours coursework.

## Bursaries

Bursaries for postgraduate studies funded by the Department of Science and Technology and administered by the National Research Foundation, are now available to selected PhD students.

## Requirements

- South African citizen
- Must enrol for full-time studies at the UP Hatfield Campus
- Doctoral level bursary (three bursaries available):
  - Must have a master's degree in Chemistry, Physics, Materials Science or Chemical Engineering

The **closing date** for applications is **31 March 2014**. Interested students should use the contact details below for applications.

### Prof Ncholu Manyala

Tel : 012 420 3549

E-mail : [ncholu.manyala@up.ac.za](mailto:ncholu.manyala@up.ac.za)

### Prof Walter Focke

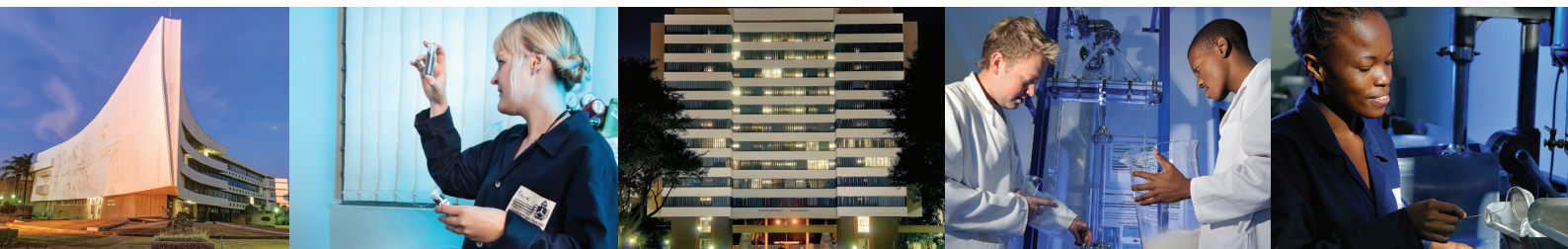
Tel : 012 420 3728

E-mail : [walter.focke@up.ac.za](mailto:walter.focke@up.ac.za)

### Mrs Suzette Seymore

Tel : 012 420 2588

E-mail : [suzette.seymore@up.ac.za](mailto:suzette.seymore@up.ac.za)



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

Faculty of Engineering, Built Environment and  
Information Technology