



UNIVERSITY OF CAPE TOWN

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**Paediatric Neurosurgery Unit**  
**Division of Neurosurgery**  
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## **Advert for Postgraduate degree in Neuroscience (Global Neurotrauma and Global Surgery)**

A Master's or PhD in Neuroscience project is being offered in the UCT Neuroscience Institute, Division of Neurosurgery.

### **Scope of the research: Global Neurotrauma and Global Surgery**

We are looking for prospective postgraduate students interested in epidemiology and clinical care of patients with acute brain trauma. Head injuries are a leading cause of death and disability on the African continent; however, we have little data on the burden of disease and resources for treatment and rehabilitation. A recent initiative funded by the UK National Health Institute Research, Global Neurotrauma (<http://neurotrauma.world/>), seeks to map the burden of disease and clinical care given across a diverse range of low- and middle income countries. We are one of the sites in the study and will play a co-ordinating role in developing projects in South Africa. Students will be assisted in developing projects to map the burden of head injuries in South Africa and the resources utilised for treatment. Students will be supported by the NRF SARChI Chair for Clinical Neurosciences for their projects, travel, and engagement with international groups.

**Conditions of the award:** we are looking for a candidate who

1. Has completed a BSc or MSc in Neuroscience/ public health/ epidemiology within the last 5 years.
2. Has not held full-time permanent academic or professional posts
3. Is mobile and able to work flexible hours.
4. Is able to travel for possible work training in Europe.
5. Is focussed, hardworking, flexible and can work independently.
6. Is a South African citizen or already holds a valid student visa for South Africa.

**The Fellow will be required to:**

1. Gather and curate patient information locally and nationally, with potential extension beyond South Africa
2. Set up systems for data collection and processing
3. Write up research for publication and present at local and international meetings
4. To comply with the University's approved policies, procedures and practises for the postgraduate sector.

**Tenure and value:**

The value of the bursary will be within the NRF's prescribed range, carries no fringe benefits and is for full time study. The project will run for 2-4 years depending on the level of postgraduate study and with the option to extend if applicable, the position is available from January 2021.

**Application procedure:**

Please send through a letter of application stating which project you are applying for, areas of expertise and research interests, a full CV, copies of academic transcripts, and the names of 2 referees to Professor Anthony Figaji (Anthony.Figaji@uct.ac.za). Eligible and complete applications will be considered by the Division of Neurosurgery.

The University of Cape Town reserves the right to: • disqualify ineligible, incomplete and/or inappropriate applications, • change the conditions of award or to make no awards at all

Prof Figaji

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