



# Uitnodiging Invitation Taletšo



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

## Inaugural Address

18 February 2020

[www.up.ac.za](http://www.up.ac.za)

### **Professor Llewellyn Padayachy**

MBChB, FCS, MMed, PhD

#### **Head: Department of Neurosurgery**

#### **Faculty of Health Sciences**

University of Pretoria, Steve Biko Academic Hospital

The Faculty of Health Sciences cordially invites you to the inaugural address of Professor Llewellyn Padayachy

### **'Windows to the Brain – A Neurosurgeon's Perspective on Unravelling the Secrets of the Brain.'**

This inaugural address will deliver a perspective on the science and art of unravelling the secrets of the brain. In an era of astounding developments in diagnostic, imaging and biomarker technology, ambitious projects like The Blue Brain and Human Brain Project have become the most highly funded research endeavours in history, underscoring our commitment to better understand function of the human brain.

In children and adults with brain pathology (tumors, infection, trauma), the commonest presenting complaint relates to a build up of pressure in the brain, called raised intracranial pressure (ICP), and even in an era of rapid advancement in technology, the current gold standard for measuring ICP involves

drilling a hole in the skull and inserting a probe into the brain.

Professor Padayachy is a neurosurgeon specialized in treating brain disorders in children. His main research areas have been developing non-invasive techniques for diagnostic and monitoring the brain, specifically for measuring ICP. He also has developed a unique surgical skill set in the area of minimally invasive surgery, a field in which he has an international reputation as a leading expert. Therefore the impact and role of neurosurgery, in particular our department's long term vision, as a fundamental part of the neurosciences will be unpacked and explored in this address.

<b>Date</b>	18 February 2020
<b>Time</b>	17:30 for 18:00
<b>Place</b>	Room 4-27, Health Sciences Building, Prinshof Campus North, University of Pretoria
<b>RSVP</b>	Before or on 10 February 2020 <a href="mailto:samantha.hodgson@up.ac.za">samantha.hodgson@up.ac.za</a> or call (012) 319 2191 <a href="https://forms.gle/P7eTJQV9wPqBkyQi7">https://forms.gle/P7eTJQV9wPqBkyQi7</a>