Dr. J.P. Chamunorwa
BSc. (Hons) Vet Physiol., BVSc, PhD, PGCHE
Senior lecturer: Physiology
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Summary CV

Joseph qualified as a veterinarian in 1991 from the University of Zimbabwe, and registered with the Council of Veterinary Surgeons of Zimbabwe. In 1992, he joined the staff development programme at the UZ as a temporary lecturer in physiology until May 1993, when he was awarded The Beit Trust Fellowship and enrolled for postgraduate studies in Physiology at The University of Liverpool, UK. In July of 1997, he was awarded the PhD degree and the title of the thesis is, 'Transmural differences in control of contraction in rabbit left ventricular muscle'. In January 1997, he returned to the University of Zimbabwe to become part of the lecturing staff in Preclinical Veterinary Studies department until March 2004. From October 1997, he was appointed Head of Pre-Clinical Veterinary Studies for the next 4 years until September 2001.
On the 1st of April 2004, he joined the University of Pretoria as a senior lecturer in the Physiology section of the department of Anatomy and Physiology, Onderstepoort campus. In 2007, he enrolled for the postgraduate certificate in higher education with the Faculty of Education, UP, which he completed in the same year. Since he have been teaching physiology to bachelor of veterinary science and diploma in veterinary science nursing students and have supervised MSc and PhD students, with 16 publications in peer-reviewed journals.

Research Expertise/Interest

He trained in cellular physiology, measuring calcium transients and action potentials in isolated cardiac myocytes for my PhD. His focus shifted to GIT, nutrition, metabolic syndrome and wildlife; currently looking at pansteatitis in the Nile crocodile (*Crocodylus niloticus*), with the aim of unravelling the pathophysiological mechanisms involved and the cause of deaths.

Postgraduate Students

PhD

- Dr O. I. Azeez: Completed his Masters in Physiology at University of Ibadan in 2009 is currently working on pansteatitis. The aim of the project is to determine mechanisms of pansteatitis and the cause of death in these animals.