

## Gordon Ringani

I was born and raised in Pretoria. My interests include insects and invertebrates, invasion biology, stable isotope analysis, and animal physiology. I have a BSc in Veterinary biology; a BSc (Hons) in Zoology, and an MSc in Zoology.

My research involves the analysis of stable isotopes in various animal species. Stable isotopes have been used to infer the flow of nutrients through food webs, trace the origin of food sources upon which animals are reliant, and to verify the source of food products that are meant for human consumption.

My study aim is to use stable isotope analysis and to make a comparative study of the physiological differences between monogastric animals, ruminants, and cecal fermenters (hind gut fermenters) in terms of how they process the nutrients they consume. This will then be applied to how they handle physiologically stressful periods such as lactation, and weaning.

