**MSc and PhD position in Biochemistry (Westville)**

**MSc/PhD POSITION**

**DISCIPLINE OF BIOCHEMISTRY (WESTVILLE CAMPUS), SCHOOL OF LIFE SCIENCE, COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE, UNIVERSITY OF KWAZULU-NATAL**

**START DATE: JAN 2019**

**RESEARCH DETAILS**

Biotechnology research and development activities rely heavily on the use of proteins and enzymes as reagents. Access to novel and newly developed research reagents is a major driver of improved competitiveness and productivity in the biotechnology research and innovation value chain. The majority of reagent enzymes in the market today have been isolated form microbial diversity, including viruses, bacteria and archaea from various biomes across the globe. South Africa is rich with natural biomes that harbor unique and endemic indigenous biodiversity. The current study is therefore, aimed at isolating and characterizing new indigenous biodiversity-derived and biosimilar molecular biology reagent enzymes. The project will be undertaken in collaboration with the CSIR and UP.

**QUALIFICATIONS**:

BSc Hons. Biochemistry, Biotechnology or Molecular Biology; At least one of the three subjects as a major at undergraduate level. Ideal candidate for the project should be familiar with recombinant protein expression, protein purification techniques, biochemical and structural characterization skills.

**DEADLINE**for applications is **21 December 2018**.

**CONTACT DETAILS:**

For more information, contact **Dr O. Pooe** (PooeO@ukzn.ac.za), Tel 031 260 7664. Interested applicants should forward a cover letter and full CV (with the names and contact details of three referees) to the above email address.