

**Plant Germplasm Conservation Research
School of Life Sciences
University of KwaZulu-Natal, Westville campus
Westville, South Africa**

The Plant Germplasm Conservation Research Group, at the School of Life Sciences, University of KwaZulu-Natal (Durban, South Africa) invite applications for the following:

- 1 PhD
- 1 MSc

Over the years, this research group under the supervision of Prof. Patricia Berjak and Prof. Norman Pammenter has vastly contributed to the understanding of recalcitrant seed physiology and cryopreservation of such seeds. These projects will emphasise on the mechanism of action of cathodic water in ameliorating oxidative stress in recalcitrant and/or orthodox seeds. The projects will entail working on seed physiology, biochemistry and microscopy etc. to answer some latest developments in seed science.

Bursaries will be awarded to the selected MSc (R40 000 per annum) and PhD (R60 000 to 80,000) candidates. All successful applicants will be asked to register as full time students at the University of KwaZulu-Natal, Durban, South Africa. Required training in various techniques will be provided. Publications demonstrating suitability of the candidate to the project will be an advantage. All infrastructure and equipment required for the completion of the projects is already in place.

Contact details:

Prof Norman Pammenter (pammente@ukzn.ac.za)

Tel: 0027 31 260 3190