

**Seetha P. Wanninayake**  
**Please contact JUDE Migrant Employment Co-ordinator**  
**for further information Phone 03 535 4161**

**Personal Statement:**

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I wish to take this opportunity to introduce myself. I am a New Zealand resident of 11 years seeking an **entry-level job laboratory technician and/or veterinary assistant position** where I can apply my transferable skills, knowledge and practical work experience as a vet and in biotechnology research.

**Key Work Skills and Attributes**

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- **Over 5 Years practical experience in research** that includes: biotechnology, biochemistry, microbiology at the University of Canterbury and Christchurch Polytechnic Institute of Technology
- **Ten years work experience in a veterinary hospital laboratory in Sri-Lanka.** Experienced in veterinary medicine, treatments, surgeries, pathological and parasitological work, post mortem, animal diseases and disease control
- **Proven laboratory work skills that include:**
  - ◆ Knowledge of cell preparation, plant tissue culture, root cultures, seed and spore germination, plant growth regulators
  - ◆ Knowledge of chemistry and chemical compounds and electroanalysis
  - ◆ Knowledge of how to safely handle, and store chemicals
  - ◆ Study and examine micro-organisms, such as bacteria, fungi, yeast, and their enzymes
  - ◆ Study the effect of waste materials on the environment
  - ◆ Analysing and interpreting research results and other information
  - ◆ Problem-solving skills
  - ◆ Planning and organisational skills
  - ◆ Writing skills, for writing reports and for publications
  - ◆ Microscopy, Stereo microscopy, Transmission electron microscopy microscopic, Flame atomic absorption spectrometry
- **Proven achievements and research skills that include:**
  - ◆ Response of a New Zealand tree fern (*Cynthea medullaris*) to Lead (Pb) treatments
  - ◆ Calcium and Lead (Pb) toxicity in plants
  - ◆ Nitric oxide and Lead (Pb) toxicity in plants
  - ◆ Detection of (lead) Pb uptake in black tree fern gametophytes
  - ◆ Excised root cultures of Kale (*Brassica oleracea var. acephala*)
  - ◆ Electrochemical detection of yeast response to catabolizable molecules
  - ◆ Bioelectricity generation by direct oxidation of glucose in *Arxula adenivorans* yeast cell
  - ◆ Effective communication skills
  - ◆ Proven and effective computer skills- competent in Microsoft office, Image-Pro Express software (software for analysing digital images for science and medical purposes) statistx 8 software, MacLab 2e software

**Education Qualifications**

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June 2005 - June 2007	Master of Science (MSc)** University of Canterbury, Christchurch
January 2005 - June 2005	Computer Skills** Christchurch Polytechnic Institute of Technology

June 2005 - December 2004

Master of Science (MSc)\*\*  
University of Canterbury

January 2003 - December 2004

Postgraduate Diploma in Science (PG.Dip.Sc)\*\*  
University of Canterbury

January 1983 - December 1987

Bachelor of Veterinary Science (BVSc)\*\*  
University of Peradeniya in Sri-Lanka

**\*\* Education transcripts available on request**

### **Interests**

Research work  
Reading  
Cooking  
Gardening

### **Referees**

<p><b>Dr. David Leung</b> Senior Lecturer School of Biological Science University of Canterbury Private Bag 4800 Christchurch Phone: +64 3 3642987, Ext: 7657 E-mail: d.leung@botn.canterbury.ac.nz</p>	<p><b>Keith Baronian</b> Dean of Research Christchurch Polytechnic Institute of Technology PO Box 540 Christchurch Tel. +64 3 940 8483 Fax. +64 3 940 8019 E-mail: BaronianK@cpit.ac.nz</p>
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