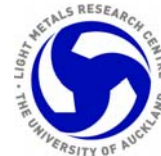




THE UNIVERSITY OF AUCKLAND  
NEW ZEALAND

Light Metals Research Centre  
Level 4, 301 Science building  
23, Symonds Street  
The University of Auckland,



## Light Metals Research Centre PhD Scholarships in Engineering or Science **Aluminium Electrowinning**



**We invite applications for a PhD Scholarships from engineering / science students who meet University of Auckland eligibility requirements for PhD registration.**

**The PhD projects available is:**

### **Development of a new generation Silicon carbide refractory material as a sidewall lining for aluminium smelting cells**

This project has the potential to revolutionise the Hall Héroult process with a new smelting cell sidewall lining material

#### **Advantages of this scholarship**

- Working within interdisciplinary research team including engineers and scientists
- Opportunity to do part-time technical jobs in other projects and gain skills and experience
- Working on a project which has the potential to provide a break through technology to aluminium smelting industry

### **Light Metals Research Centre (LMRC)**

LMRC provide world leading expertise and full suit research and development capabilities as well as training and education for the global light metals sector. More than 20 world leading smelters and international research institutes from South America, North America, Bahrain, Dubai, Oman, Germany, Netherlands, Norway, Iceland, Japan, Russia, China, India, Australia and New Zealand are in regular contact with LMRC for R&D expertise and technical support

### **Stipend**

The successful candidate will be a part of LMRC staff team. The base Scholarship includes University Fees (~\$ (NZ) 5,000 pa) plus a stipend of \$ (NZ) 25,000 pa, for three years. These may be extended to a fourth year subject to satisfactory progress. We will

consider a higher level of stipend for exceptional students.

### **Interested?**

Submit a statement of interest to:

Professor Jim Metson

[j.metson@auckland.ac.nz](mailto:j.metson@auckland.ac.nz)

Dr. Mark Jones

[mark.jones@auckland.ac.nz](mailto:mark.jones@auckland.ac.nz)

before **15-May, 2010**



Aluminium Potline