

UNSW@ADFA

CANBERRA • AUSTRALIA

PhD Scholarship

“Magnetocaloric Materials”

UNSW@ADFA, Canberra, Australia

Stipend: \$24,060 per annum [tax free]

A postgraduate research scholarship is available for a suitably qualified applicant from Australia or New Zealand for commencement of study in Session 1, 2011. The scholarship will support full-time PhD research study at the Canberra campus of the University of New South Wales (UNSW@ADFA) and consists of a living stipend of \$24,060 per annum funded from an ARC grant, plus a contribution towards relocation and travel expenses. This scholarship is available for a period of up to 3 years subject to satisfactory performance with possibility for a further 6 month extension.

The research will explore the structural and magnetic properties of novel magnetocaloric materials and related aspects in magnetic cooling. Research will be carried out at UNSW@ADFA in Canberra and involves collaboration with colleagues at The University of Manitoba, Canada, as well as The Bragg Institute, ANSTO (reactor OPAL), and the University of Wollongong.

Application Process:

It is anticipated that the successful applicant will have an honours degree (Class 1, Class 2.1) or equivalent in Physics, Physical Chemistry or a related subject. An Honours 1 graduate may be eligible for a top-up scholarship of a further \$2,500 per annum.

Applicants are expected to possess excellent communication and research skills and should satisfy UNSW admission requirements for the PhD program. Admission details are available at (<http://www.unsw.adfa.edu.au/student/future/research.html>).

Applications for the scholarship will be considered on their merits and we reserve the right to immediately accept a suitably qualified applicant.

Applicants should send their CV and academic record to Ms Dianne Ferguson, Executive Officer, School of PEMS, UNSW@ADFA, Northcott Drive, Canberra, ACT 2600 (email d.ferguson@adfa.edu.au). At the time of application, applicants should also request two academic referees to forward a confidential report to the above address.

For further information contact:

Prof Stewart Campbell Tel: (02) 6268 8767; Email: Stewart.Campbell@adfa.edu.au OR

Dr Wayne Hutchison Tel: (02) 6268 8804 Email: W.Hutchison@adfa.edu.au

Applicants are also encouraged to apply for a UNSW Local Scholarship. Details may be found at: http://research.unsw.adfa.edu.au/rto/scholarships/general_scholarships.html#local.