

UNSW@ADFA

CANBERRA • AUSTRALIA

UNSW@ADFA consists of five Schools which form a campus of the University of New South Wales. Located at the Australian Defence Force Academy, Canberra, UNSW@ADFA provides undergraduate courses to officer cadets and midshipmen as well as postgraduate courses and research opportunities to civilian and defence personnel. Staff enjoy pleasant surroundings and have access to various facilities and free parking.

SCHOOL OF PHYSICAL, ENVIRONMENTAL AND MATHEMATICAL SCIENCES

Postgraduate Research Scholarship (PhD)

Stipend: \$25,118 per annum.

Project:

“Analysing Instabilities in Complex Models for Different Geometrical Configurations”

Applications are invited for the above scholarship. The scholarship is available for three years to support full-time PhD research study commencing immediately. The offer is for one year in the first instance, with good prospects of renewal for a further two years if progress on the project is satisfactory. The scholarship arises from an ARC Discovery Grant awarded to Associate Professors Harvinder Sidhu, Geoffry Mercer and Rodney Weber. As a key member of the research team, the PhD student will utilize mathematical techniques, in particular those from nonlinear dynamics and partial differential equations, to better understand combustion dynamics. Closing date for the application is 30 June 2009.

For further inquiries regarding the project please contact:

Associate Professor Harvinder Sidhu h.sidhu@adfa.edu.au Tel: (02) 6268 8820

Applicants with a good honours degree or equivalent in Mathematics, Physics or Engineering are encouraged to apply. A letter of application with the applicant's curriculum vitae and names and contact details of two referees should be submitted to: Associate Professor Harvinder Sidhu, School of Physical, Environmental and Mathematical Sciences, University of New South Wales at the Australian Defence Force Academy, ACT 2600.