

### **Lecturer** **(Physical Oceanographer/ Climate Scientist)**

REF. 3921

**FIXED TERM:** - Salary: \$63,812 - \$75,216 per year (plus up to 17% employer superannuation plus leave loading.) This salary includes a superable UNSW academic loading of \$3,000 per annum payable to all full-time academic staff.

The UNSW School of Mathematics offers a range of undergraduate courses with emphasis on physical oceanography, climate science, and ocean circulation effects on marine biota. The School seeks a new academic staff member to maintain and coordinate some of the core teaching in these areas, including both lecturing and fieldwork components. The successful applicant will also conduct research in their field of interest and supervise research students.

The current position is available initially for a three-year fixed-term period, although excellent prospects exist for an extension for a further two years. Membership of a University approved superannuation scheme is a condition of employment.

Enquiries may be directed to Professor Michael Cowling, Head, School of Mathematics, [hos@maths.unsw.edu.au](mailto:hos@maths.unsw.edu.au); phone (02) 9385 7001. For further information including the selection criteria that must be addressed in the application, see <http://www.hr.unsw.edu.au/employment/newjobaca.htm>

Applications close 30 November 2005

### **Administrative Assistant**

REF. 3923

**FIXED TERM - Salary:** \$43K - \$49K per year (pro rata for part time, plus up to 17% employer superannuation plus leave loading).

A full-time or fractional administrative position is available in the ocean-atmosphere climate research group. The successful applicant will provide administrative and scientific support to A/Professor Matthew England in relation to a research project aiming to evaluate Australian climate extremes. This is a fixed-term appointment, initially for two years, with excellent prospects for renewal. The position can be negotiated as either full-time or part-time. For further information including the selection criteria that must be addressed in the application, see <http://www.hr.unsw.edu.au/employment/newjobgen.htm>

Applications close 30 November 2005

### **Postdoctoral Fellows** **(Ocean/Atmosphere/Climate Science, up to 3 positions)**

REF. 3922

**FIXED TERM:** - Salary: \$56,818- \$60,770 per year (plus up to 17% employer superannuation plus leave loading.) This salary includes a superable UNSW academic loading of \$3,000 per annum payable to all full-time academic staff.

Applications are invited for up to three Postdoctoral Fellowship positions in the ocean-atmosphere and climate research group within the UNSW School of Mathematics. The ocean-atmosphere and climate research group comprises a team of scientists aiming to further our understanding of the global climate system, with a particular focus on the Southern Hemisphere. The successful applicants will work with A/Professor Matthew England and his team on a research project funded jointly by the Australian Research Council (ARC) and UNSW. The project aims to evaluate Southern Ocean circulation, the genesis of Australian climate extremes in the extratropical ocean-atmosphere, and how Australian climate variability may change in the future. Approximately ten PhD students will also be involved in the project, which is funded to run during 2006-2010.

The project will be broken into five themes: (1) Interannual to decadal variability in the extratropical ocean-atmosphere, (2) Changes in the extratropics due to increasing atmospheric CO<sub>2</sub> (3) Teleconnections between the extratropical ocean-atmosphere and Australian climate extremes/change (4) Extratropical weather systems and their response to climate change (5) Predictability of climate extremes originating in the extratropical ocean-atmosphere. It is anticipated that the successful applicants will focus on one of these five themes, with scope to shape a role that suits their particular strengths and interests. Applicants with proven teaching abilities may seek a variation of the position in which up to 25% of the appointment is considered as a regular academic appointment funded by the School.

These positions can be negotiated for an initial appointment period of between 1 and 3 years, with excellent prospects for extension. Starting date is also negotiable, though preferably in the period 1 January – 30 June 2006. For overseas applicants and returning Australians, funding is available to cover part or all of their relocation costs. For further information including the selection criteria that must be addressed in the application, see <http://www.hr.unsw.edu.au/employment/newjobres.htm>

Applications close 30 November 2005

#### **FOR ALL POSITIONS:**

For further information contact A/Professor Matthew England (02) 9385 7065, [M.England@unsw.edu.au](mailto:M.England@unsw.edu.au).

For information on the School, see [www.maths.unsw.edu.au](http://www.maths.unsw.edu.au). For additional information on the School's research program in large-scale ocean and climate dynamics, see <http://www.maths.unsw.edu.au/~matthew>.

For full details of these positions, and how to apply see <http://www.hr.unsw.edu.au/employment.htm>