



**National Oceanography
Centre, Southampton**

UNIVERSITY OF SOUTHAMPTON AND
NATURAL ENVIRONMENT RESEARCH COUNCIL

**School of Ocean and Earth Science,
National Oceanography Centre, Southampton**

Postdoctoral Research Fellowships in Physical Oceanography (Southern Ocean Circulation and Mixing)

£27,319 - £33,599 pa | Ref: 4252-10-E

The National Oceanography Centre, Southampton (NOCS) is seeking to recruit two Postdoctoral Research Fellows in physical oceanography to pursue research on the role of small- to mesoscale physical processes in shaping the overturning circulation and mixing environment of the Southern Ocean. You will focus on the analysis of a wide range of novel measurements of mesoscale eddies, internal waves and turbulence collected in the Antarctic Circumpolar Current (ACC) within the international DIMES (Diapycnal and Isopycnal Mixing Experiment in the Southern Ocean, <http://dimes.ucsd.edu/>) project. These measurements are being conducted during a series of cruises to the Southeast Pacific and Southwest Atlantic sectors of the ACC in the period 2009 – 2012, and involve a suite of techniques, including full-depth observations of oceanic microstructure and profiling measurements from moorings and floats.

You will work as part of a team examining the physical processes relevant to the dynamics and overturning circulation of the Southern Ocean. The group includes an active sea-going team, numerical modellers, theoreticians and remote sensing scientists. The NOCS Southern Ocean project team work closely with scientists at project partner institutions both in the UK and the USA.

You will have a PhD in physical oceanography (or a related field) with experience in the interpretation of oceanographic observations. You will have good knowledge of ocean dynamics, strong quantitative and communication skills, and the ability to conduct innovative research leading to high-impact publications in international refereed journals.

The post is fixed-term for three years and the salary will be in the range of £27,319 to £33,599 per annum.

Informal enquiries only (please do not send CV's) can be made to Dr Alberto Naveira Garabato on +44 (0)23 8059 2680, email: acng@noc.soton.ac.uk

To apply online visit www.jobs.soton.ac.uk Alternatively telephone +44 (0)23 8059 2750. Please quote the reference number 4252-10-E in all correspondence. The closing date for applications is 31 May 2010 at 12 noon.

At the University of Southampton we promote equality and value diversity.

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