



Postdoctoral Research Associate Position (Paleoceanography), Durham University

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To: "paleoclimate-list@lists.Colorado.EDU" <paleoclimate-list@lists.colorado.edu>

Dear colleagues,

We are currently advertising a fixed-term (2 year) Postdoctoral Research Associate position at the Department of Geography at Durham University. Details are posted below and at the website www.dur.ac.uk/jobs. Please forward to colleagues / students who may be interested.

Best wishes,

Erin McClymont

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1. POSTDOCTORAL RESEARCH ASSOCIATE IN PALEOCEANOGRAPHY

(1st January 2012 application deadline, Ref. 1350)

The Department of Geography at Durham University seeks a PostDoctoral Research Associate (PDRA) to work on a NERC-funded research project entitled “**Reconstructing intermediate water temperature response to Pliocene-Pleistocene climates**”. The overall aim of this project is to address key outstanding issues for understanding the mechanisms that drove climate change and marine extinction events over the last 4 million years of Earth History. The research team brings together expertise in micropalaeontology, organic and inorganic geochemistry (based at Durham University, British Geological Survey and Cambridge University). The focus of the Research Associate will be the generation of new records of intermediate water temperatures using benthic

foraminifera Mg/Ca analyses. Working alongside the PI and other members of the research team, the successful candidate will play a key role in meeting the objectives of this research programme.

The successful candidate should have:

- experience in benthic foraminifera taxonomy, stable isotope analysis and/or analysis of trace metals in carbonates
- a strong background in palaeoceanography
- a PhD in Physical Geography / Earth Sciences or a closely related field by the time of the appointment.

The person appointed will be based in Durham's top-rated Geography Department and will join the internationally-recognised Quaternary Environmental Change (QEC) research group. The candidate will be supported by the Principal and Co-Investigators to generate a successful research profile, via conference attendance and publication of outputs from the research programme. The person appointed will be expected to travel to the Integrated Ocean Drilling Program repository in Texas to collect samples in the early stages of the project, and will also spend time at the Godwin Laboratory for Paleoclimate Research in the Department of Earth Sciences, University of Cambridge.

For further details please contact Erin McClymont (erin.mcclymont@durham.ac.uk).
