

**UNIVERSITY OF OXFORD
DEPARTMENT OF EARTH SCIENCES (IN
COLLABORATION WITH PLANT SCIENCES AND
ZOOLOGY)**



**POST-DOCTORAL RESEARCH ASSOCIATE AND PHD
STUDENT FOR ERC-FUNDED PROJECT "GRACE"**

Applications are invited for a Research Associate, and a PhD student to work as part of a new ERC (European Research Council) funded interdisciplinary team at the University of Oxford. The GRACE (Genetic Record of Atmospheric Carbon dioxidE) project aims to investigate the climate signals harboured within the "living geological record", the genes encoding photosynthetic proteins. The prime motivation is the reconstruction of history of atmospheric gases from adaptive signals within the genetic make-up of extant photosynthesizing organisms, but the project will yield additional insight into the interactive feedback between vegetation and climate and carbon isotopic signatures found in the geological record. The successful candidates will ideally have experience in one or more areas of molecular biology, biochemical assays, and plant or algal physiology and photosynthesis. For informal enquiries about the project, please contact Ros Rickaby on rosr@earth.ox.ac.uk.

Post-Doctoral Research Associate: Grade 7: £26,666 - £32,796 p.a.

You will have a Ph.D. (or equivalent) in Zoology, Plant Sciences, Earth Sciences, Molecular Biology, Marine Sciences, Biochemistry or similar, have current and relevant analytical experience and a demonstrated record of research and innovation. The deadline for applications is Friday 25th April 2008.



Further Particulars and details on how to apply are available from www.earth.ox.ac.uk/department/PDRAGRACE-FP.pdf or email caroline.hutchings@earth.ox.ac.uk quoting reference DG/08/02

PhD Student:

You will have a Master's or Bachelor's (or equivalent) in Zoology, Plant Sciences, Earth Sciences, Molecular Biology, Marine Sciences, Biochemistry or similar and a track record for academic excellence. For details on how to apply please email Emma.Brown@earth.ox.ac.uk, or telephone 01865 272043. The deadline for applications is Friday 11th April 2008.

The University is an Equal Opportunities Employer.