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EDUCATION:

1999-2002 **Doctor of Philosophy** University of Oxford
1998-1999 **Master of Sciences (Earth Sciences)** University of Cambridge
1995-1998 **Master of Arts (Natural Sciences) 1st Class** University of Cambridge

EMPLOYMENT:

2006 - present Assistant Scientist, Woods Hole Oceanographic Institution
2003-2005 Post-doctoral Fellow in geochemistry, California Institute of Technology
 Comer Fellowship for Palaeoclimate Research
2003 Postdoctoral Research Fellowship, Dept. Earth Sciences, Oxford University

AWARDS:

2003 Division of Geological and Planetary Sciences, Geochemistry Option Postdoctoral Scholar
2002 Oxford University Vice Chancellor's Award
1999-2002 Natural Environment Research Council graduate research studentship
1999-2002 Nu Instruments CASE Award for graduate research

FIELD EXPERIENCE:

- Participant of cruises in the Atlantic, Indian and Southern Oceans. Experience at sea including deep-sea coral collection using submersibles, mapping and seafloor imaging using Multibeam, ABE and towed camera sleds, trace-metal clean water-column sampling, CTD and sediment collection using box corers and gravity cores.
- Field work programs collecting samples in New Zealand, Bahamas, Antarctica and Hawaii for geochemical analysis
- Geological surveys in Atacama Desert (Chile), Belize, New Zealand and Spitsbergen

EDUCATION & OUTREACH:

- Teaching Assistant for undergraduate classes, University of Oxford
- Mentoring and training of undergraduate and graduate students, visiting scientists and technical staff at Oxford, Caltech and WHOI
- Advising Summer Student Fellow / Guest Student Taryn Noble (2006 & 2007) and Guest Student John Swartz (2007 & 2008)
- Generals project advisor for PhD candidate Andrea Burke (2008)
- Member of team running Dive and Discover website on 2003 Alvin Cruise to the New England Seamounts which transmitted daily web casts to the public, school children and teachers.
- Participation in Teacher at Sea Program, 2005.
- Co-advisor to the MIT-WHOI Joint Program 2006 incoming class of graduate students (2006-2008)
- MC&G Summer Student Fellow selection committee representative (2008)

PUBLICATIONS:

- Robinson L.F.**, Henderson G.M. and Slowey N.C. (2002) U-Th dating of marine isotope stage 7 in Bahamas slope sediments. *Earth and Planetary Science Letters* 196 (3-4), 175-187
- Robinson L.F.**, Henderson G.M., Hall, L. and Matthews, I. (2004) Climatic control of riverine and seawater uranium-isotope ratios, *Science*, 305, 851-854
- Robinson L.F.**, Belshaw, N.S. and Henderson G.M. (2004) *U and Th concentrations and isotope ratios in modern carbonates and waters from the Bahamas* *Geochimica Cosmochimica Acta* 98 (8) 1777-1789
- Robinson L. F.**, Adkins J. F., Keigwin L. D., Southon J., Fernandez D. P., Wang S. L., and Scheirer D. S. (2005) Radiocarbon variability in the Western North Atlantic during the last deglaciation. *Science* 310, 1469-1473
- Thomas A. L., Henderson G. M., and **Robinson L. F.** (2006) Interpretation of the $^{231}\text{Pa}/^{230}\text{Th}$ paleocirculation proxy: New water-column measurements from the southwest Indian Ocean. *Earth and Planetary Science Letters* **241**, 493– 504.
- van de Flierdt T., **Robinson L. F.**, Adkins J. F., Hemming S. R., and Goldstein S. L. (2006) Temporal stability of the neodymium isotope signature of the Holocene to Glacial North Atlantic. *Paleoceanography*. PA4102 doi: 10.1029/2006PA001294
- Robinson L. F.**, Adkins J. F., Fernandez D. P., Burnett D. S., Wang S. L., Gagnon A., and Krakauer N. (2006), Primary U distribution in scleractinian corals and its implications for U series dating, *Geochemistry Geophysics Geosystems* 7, Q05022, doi:10.1029/2005GC001138
- Henderson G. M., Hall B. L., Smith A., and **Robinson L. F.** (2006) Control on ($^{234}\text{U}/^{238}\text{U}$) in lake water: A study in the Dry Valleys of Antarctica. *Chemical Geology* **226**, 298– 308.
- Eltgroth, S., Adkins, J.F., **Robinson, L.F.**, Southon, J. and Kashgarian, M., 2006. A Deep-sea Coral Record of North Atlantic Radiocarbon through the Younger Dryas. *Paleoceanography*, 21(4, PA4207): 10.1029/2005PA001192.
- Henderson G. M., **Robinson L. F.**, Cox K, and Thomas A.L. Recognition of non-Milankovitch sealevel highstands at 185 and 340 thousand years ago from U-Th dating of Bahamas sediment (2006) *Quaternary Science Reviews* **25** 3346–3358
- Robinson L. F.**, Adkins J. F., Scheirer D. S., Fernandez D. P., Gagnon A. and Waller R.G (2007) Deep-sea coral age and depth distributions in the WN Atlantic over 240 thousand years. *Bulletin of Marine Sciences*. **81**(3): 371–391
- Waller, R.G., Adkins, J.F, **Robinson, L.F** and Shank, T. (2007). Ancient DNA Techniques: Applications for Deep-Water Corals. *Bulletin of Marine Sciences*.**81**(3): 351–360
- Gagnon, A., Adkins, J.F., Fernandez, D.P. and **Robinson, L.F.** (2007) Sr/Ca and Mg/Ca vital effects correlated with skeletal architecture in a scleractinian Deep-Sea coral and the role of Rayleigh fractionation. *Earth and Planetary Science Letters*.
- Robinson LF**, Noble, TL, McManus, JF. Measurement of adsorbed and total $^{232}\text{Th}/^{230}\text{Th}$ ratios from marine sediments (in press) *Chemical Geology*
- Druffel, E.R.M., **Robinson, L.F.**, Griffin, S., Halley, R., Southon, J. and Adkins, J.F., (in press). Low Reservoir Ages for the Surface Ocean from mid-Holocene Florida Corals *Geochemistry Geophysics Geosystems*.