

The geomicrobiology of nuclear waste

The following multidisciplinary PhD projects are available to start September 2009. Based in the Williamson Centre for Molecular Environmental Science at the University Manchester, the successful applicants will work in an expanding team of mineralogists, geochemists and microbiologists with collaborators at the Universities of Leeds, Strathclyde and Birmingham and the nuclear industry. Applicants should have a minimum 2.1 honours degree in biological sciences, environmental science, chemistry, earth sciences or a related field.

The impact of radiation fluxes on microbial cells: a metabolomic approach (BBSRC fully funded PhD studentship)

Supervisors: Profs JR Lloyd, R Goodacre, SM Pimblott

Further details: jon.lloyd@manchester.ac.uk

The microbial ecology and biogeochemistry of nuclear waste storage facilities (EPSRC fully funded PhD studentship)

Supervisors: Prof JR Lloyd, Drs D Sigee and K. Morris

Further details: jon.lloyd@manchester.ac.uk

The immobilisation of radionuclides in soils by mineral phases and the effect of biomineralisation processes (EPSRC fully funded PhD studentship)

Supervisors: Profs DJ Vaughan, RAD Patrick, JR Lloyd, FR Livens

Further details: richard.patrick@manchester.ac.uk or

david.vaughan@manchester.ac.uk

Application deadline 15th May 2009

CV (with name and contact details of two referees) and covering letter to Michael Atherton, Senior Recruitment and Admissions Officer, School of Earth, Atmospheric & Environmental Sciences, Williamson Building, Oxford Road, Manchester M13 9PL