

Curriculum Vitae

Claire M. Bambrough
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Education

University of Exeter / Open University, Exeter, UK
Ph.D. in Chemistry (Thesis – Chemically Tailored New Sorbents for use into the 21st Century)

Nottingham Trent University, Nottingham, UK
B.Sc. (Honors) in Applied Chemistry

Teaching Experience

Brookhaven College, Farmers Branch, TX – August 2006 – present
Faculty – CHEM 1405, Introductory Chemistry

Richland College, Dallas, TX – August 2005 – July 2006
Adjunct Faculty – CHEM 1405, Introductory Chemistry

Collin County Community College, Plano, TX – January – May 2006
Adjunct Faculty – CHEM 1405, Introductory Chemistry

University of Exeter, Exeter, UK – 1995 – 1998
Teaching Assistant (Demonstrator) – Physical Chemistry Lab

Open University Summer Schools, UK – Summer of 1996 and 1997
Teaching Assistant (Demonstrator) – S102 Chemistry Lab

Publications and Papers

R.C.T. Slade, **C.M. Bambrough**, R.T. Williams, “An incoherent inelastic neutron scattering investigation of the vibrational spectrum of phenyl-modified (C₆H₅-) mesoporous silica and its variations in the presence of sorbed benzene (C₆H₆) and of sorbed deuteriobenzene (C₆D₆)”, *Phys. Chem. Chem. Phys.*, 4 (2002).

C.M. Bambrough, R.C.T. Slade, R.T. Williams, “Synthesis of a large-pore phenyl-modified mesoporous silica and its characterization by nitrogen and benzene adsorption”, *Journal of Materials Chemistry*, 8(3), 569-571 (1998).

“Synthesis and characterization of organically-modified mesoporous silicas.” (May 1998). **Speaker**, “Fundamentals of Adsorption 6” conference, Presque Isle de Giens, France.