Prof. Julian Eastoe - Jan 2009

Prof. Julian Eastoe has been a full faculty member of in the School of Chemistry since 1993. He was appointed to a Personal Chair in 2004.

His track record demonstrates international and national external recognition for research in colloids, surfactants and applications of neutron scattering.

In 2007 he was awarded the Rideal Medal, which is a prestigious UK national award from the Royal Society of Chemistry and Society for Chemical Industry for “distinction in colloid or interface science”.

Up to January 2009 over 115 invited research talks have been given and 170 research papers have been published. A full publication list can be found at http://www.chm.bris.ac.uk/pt/eastoe/Pubs_F.htm.

Since 1996 his work has been cited over 2670 times, with a citation rate of over 18 per paper, and these research papers have an H-index of 30.

Key research contributions have been made to the area of neutron scattering and colloidal systems.

- He played a major role in securing new instrumentation (£3-4M) at the new Target Station II project (£150M) ISIS facility, Rutherford Appleton Laboratories. This represents a significant investment in a world-leading instrument, which is central to his research field.
- He has served on both the major international neutron beam time allocation committees, at Institute Laue Langevin, Grenoble (1998-2001) and ISIS at Rutherford Appleton Laboratories UK (2002-2005).
- In Oct. 2002 he was made Visiting Professor in surfactant science at the China Research Institute for Daily Chemical Industry (RIDCI) Taiyuan China, in Dec 2003 at the University of Wuhan and also Zheng Zhou Institute for Chemistry in China. A unique bi—lingual Colloid Science textbook, based on these lecture courses, was published in China at the end of 2005. Surfactant chemistry” Wuhan University Press, Wuhan China. ISBN 7-307-04552-4. 183 pages in Chinese and English.
- He is a Co-Editor for the *Journal of Colloid and Interface Science,* a long-serving Editorial board member of *Langmuir*, which is the American Chemical Society journal for Colloids and Surfaces, and has served as UK Editor for *Colloid and Polymer Science*.
- Up to January 2009 he has supervised 30 PhD students, 9 Post-doctoral researchers and received 15 international research visitors. Of these 15 have been female, and 11 have been recruited from overseas, coming for a variety of ethnic backgrounds.
- Worldwide, links have been established, via publications and/or travel grants with groups in Pittsburgh, Austin Texas, MIT, University of Pittsburgh, Götenbourg Sweden, Nagoya Japan, Nice, Strasbourg and Avignon France, Rome, Cork Ireland and Köln Germany. Visitors have come to work in the group from Mexico, Iran, USA, Kuwait, India, China, Sweden, Japan, Germany and France.
- In 2005 he was commissioned by CCLRC to report on “The potential of neutron scattering to enhance research training in the UK”. This has contributed towards a major bid for a new generation neutron scattering centre in UK, and was submitted to the UK Minister for Science and Innovation.
- In 2000 the Irish Government agency Enterprise Ireland hired him to assess the first four-year phase of the Irish Centre for Colloids and Biomaterials in Dublin and Belfast.
- To date he has given 40 viva voce PhD examinations (external 20, internal 20).
- He has been External Examiner in Physical Chemistry for undergraduate programmes at the University of Hull UK (2005-2008) and University College Cork Ireland (2008-2011).
- In 2003 he was awarded a visiting Fellowship from the Japan Society for the Promotion of Science.
- From 2008 he has established in Bristol a new research facility as a result of long-standing collaborations with Kruss GmbH, a German manufacturer of instrumentation for surface science analysis. This “Kruss Surface Science Centre”, provides free at the point of use access to state-of-the art equipment, as well as training and support for its use to researchers in the University.
- From June 2008 he has been acting as an Expert Witness in a UK Patent contest case concerning Colloidal Pharmaceutical Formulations.