

CURRICULUM VITAE

Professor Mel Richardson MBE



NAME: Melvin Orde Wingate RICHARDSON

NATIONALITY: British

EDUCATION: The Latymer Grammar School 1956 - 1964
Brunel University 1964 - 1968
Brunel University 1969 - 1972

QUALS: Bachelor of Technology (Honours) B.Tech
Polymer Science and Technology PhD
Doctor of Philosophy FRSC
Fellow, Royal Society of Chemistry FIMMM
Fellow, Institute of Materials Minerals Mining FRSA
Fellow, Royal Society Arts C.Sci
Chartered Scientist C.Chem
Chartered Chemist

EXPERIENCE: London Rubber Co. Ltd. (Student) 1966
Ministry of Defence (Student) 1967
Ault & Wiborg Ltd. (Senior Scientist) 1968 - 1969
GLC Scientific Branch (Group Leader) 1972 - 1974
Loughborough University (Lecturer) 1974 - 1990
(Senior Lecturer, Director Research) 1990 - 2001
University of Portsmouth 2001 - 2009
(Professor of Manufacturing)
(Director of Composites Research Group)
University of Portsmouth 2010 - Present
(Emeritus Professor Manufacturing)

AWARDS: 1998 - Member of Order of the British Empire (MBE) for "humanitarian services" to Tibet and China, (<http://www.projectdengke.com/>), and other charity work, which included applying the results of research work to disadvantaged people in Asia (<http://video.google.co.uk/videoplay?docid=714063371144273046>)
"Honorary Citizen and Economic Advisor of City of Pingxian" PRC
Currently nominated for "Foreign Expert Friendship Medal" Beijing, PRC

PROFILE: **Prof. M.O.W. Richardson MBE** is a Materials/Plastics Engineering Consultant with over 240 scientific publications to his name.

He is Emeritus Professor and Director of Research for the Advanced Polymer and Composites Research Group (APC) in the [Department of Mechanical and Design Engineering](http://www.port.ac.uk/research/composites/) University of Portsmouth, (<http://www.port.ac.uk/research/composites/>) & (<http://www.port.ac.uk/departments/academic/mde/>)

A visiting Professor and International Advisor to:

- a. [Sichuan University](http://www.scu.edu.cn/) PRC, (<http://www.scu.edu.cn/>),
- b. Shanghai Jiao Tong University PRC, (<http://www.sjtu.edu.cn/english/>),
- c. Zhejiang University, PRC;
- d. UTM University Malaysia;
- e. Coimbra University Portugal, www.uc.pt/english/,

f. UBI Universidade da Beira Interior Portugal.

A member of EPSRC, the Engineering and Physical Sciences Research Council, Peer Review College, (<http://www.epsrc.ac.uk/>) and has previously obtained major European Union and EPSRC research grants to fund various international research projects.

Expertise and academic interests involve characterisation, analysis, identification, selection, formulation, manufacturing, design, rapid prototyping, testing, structural integrity evaluation, and applications of polymers, thermoplastics, thermosets, adhesive coatings, lubricants, elastomers, polymer composites & nanocomposites and other advanced materials as well as online learning and teaching.

Joined ECLIPS Corporation (UK) Ltd. in 2010 as a director and is currently engaged in research and development in nanotechnology of composite/plastic materials engineering, including using ash for high strength porous & non-porous building materials, cement additives and other by-products.