

Curriculum Vitae

David Taylor

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CAREER PROFILE (Education and Employment)

Education

Secondary: Adwick School, Doncaster, UK
University: B.A., M.A. (Natural Sciences) Cambridge University 1977
PhD Cambridge University 1981
ScD Cambridge University 2003

Employment

1980-1982: Post-Doctoral Research Assistant: Cambridge University
1983-1992: Lecturer, Dept. of Mechanical and Manufacturing Engineering, Trinity College, Dublin.
1992-2008: Associate Professor in Materials Engineering, Trinity College, Dublin.
2008- present Professor of Materials Engineering, Trinity College Dublin
2010- present Head, Dept of Mechanical & Manufacturing Engineering, TCD

Professional Honours and Distinctions

Member of the Royal Irish Academy (2009)
Chartered Engineer (1985)
Fellow of Trinity College, Dublin (1989)
Fellow of the Institute of Engineers of Ireland (2003)
Fellow, Royal Academy of Medicine in Ireland (1994) (President, Bioengineering Section 1994-1996)
Member, Association of Consulting Forensic Engineers (1992); Director (2007 -)
Visiting Professor, Politecnico di Torino, Italy (1997; 2001; 2006)
Distinguished Visiting Professor, University of Ferrara, Italy (2007-present).
Haughton Medal (Royal Academy of Medicine in Ireland) 2006
Member, European Society for Engineering and Medicine (2006-)
Honorary Member, the Italian Group of Fracture (2009-)

Activities as an Editor, Referee and External Examiner

Editor-in-Chief *Journal of the Mechanical Behavior of Biomedical Materials* (2007-)
Guest Editor for *Fatigue and Fracture of Engineering Materials and Structures*, special Irish issue 1996
Guest Editor for *International Journal of Fatigue*, two special issues (Biomaterials, 2001 and 2007)
Guest Editor for *Engineering Fracture Mechanics*, two special issues (Biomaterials 2007 and Theory of Critical Distances 2007)

Member of the editorial board of the following journals:

International Journal of Fatigue,

Structural Durability and Health Monitoring

Engineering Failure Analysis

Frattura ed Integrità Strutturale (Fracture and Structural Integrity: journal of the Italian national organization for fracture research IGF).

Referee for the following journals: *Nature Materials, International Journal of Solids*

and Structures, Fatigue and Fracture of Engineering Materials and Structures;

J.Phys.Conden.Matter; International Journal of Fatigue, Engineering Fracture

Mechanics, International Journal of Fracture, International Journal of Mechanical

Sciences, Journal of Biomechanics, Biomechanics and Modeling in Mechanobiology,

Journal of Bone and Joint Surgery, Journal of Orthopaedic Research, Journal of

Biomaterials and Computer Methods in Biomechanics and Biomedical Engineering