

Bioengineering in Ireland²¹

16th - 17th January 2015
Carton House, Maynooth

Prof. Tim McGloughlin



Professor Tim McGloughlin Chair, Biomedical Engineering,
Khalifa University of Science Technology and Research
Abu Dhabi, UAE

Email: tim.mcgloughlin@kustar.ac.ae

Professor McGloughlin obtained his Bachelor of Engineering and Master of Engineering Science Degrees from University College, Dublin and a PhD at Trinity College, Dublin (1995). He spent 9 years working in industry including six years at Stryker Orthopaedics in Limerick and was employed by Thomond College of Education from 1982 until 1991 when he joined the Department of Mechanical, Aeronautical and Biomedical Engineering (MABE) at the University of Limerick. He was appointed as a Lecturer in the MABE Department in 1991 and was subsequently promoted to Senior Lecturer (2002), Associate Professor (2007) and Full Chair (Personal) in 2012. He was the Founding Director of the Centre for Applied Biomedical Engineering Research, a University Research Centre.

Professor McGloughlin has published more than 120 refereed journal and conference papers in biomedical engineering as well as 2 books and 7 book chapters and is a regular presenter and invited contributor at all the major annual biomedical engineering meetings including the ASME Summer Bioengineering Conference, BMES, the World Congress on Biomechanics and a variety of clinical meetings including the European Society for Vascular Surgery.

He pioneered the undergraduate B.Eng (Biomedical Engineering) programme at the University of Limerick in 2002 now one of the flagship courses at the University of Limerick. In July 2012, he was appointed Head of the MABE Department and in January 2014 he was appointed Chair of Biomedical Engineering at Khalifa University of Science Technology and Research in Abu Dhabi, UAE. He has served as External Examiner at Imperial College, London, the University of Edinburgh, Nanyang University of Technology, KTH as well as a number of Irish Universities.

Professor McGloughlin has supervised more than 20 PhD students to completion and has attracted in excess of €7m Euro in research funds and has mentored 10 Post Doctoral researchers. His international collaborators include the University of Pittsburgh, Georgia Institute of Technology, Duke University, Columbia University, Imperial College, London, the University of Edinburgh, the University of Capetown and national research collaborators include NUI Galway, Trinity College Dublin, IT Sligo and Galway Mayo Institute of Technology. In 2010 he was conferred with the University of Limerick Research Excellence Award in recognition of his outstanding contribution to research at the University.

He is a named co-inventor on 7 Patent Applications which are at various stages of the patenting process. Prior to his departure to Abu Dhabi, he was the Lead Principal Investigator at the University of Limerick on the Structured PhD programme entitled Biomedical Engineering and Regenerative Medicine (BMERM) with NUI Galway. He is a Fellow of the Royal Academy of Medicine in Ireland (Bioengineering Section), a Fellow of Engineers Ireland and a member of the Irish Medical Devices Association (IMDA). He is also a member of the Executive Committee of the ASME Bioengineering Division, a member of the World Council for Biomechanics (elected), BMES and ESB.