

MIKE SWAIN AUSTRALIA



Professor Michael Swain is currently professor of Bio-clinical Sciences at the Faculty of Dentistry University of Kuwait where he is the Director of the MSc course in Dental Materials Science. He was formerly head of Biomaterials, Faculty of Dentistry of the University of Otago, New Zealand, as well as the Biomaterials Science Research Unit at the University of Sydney. He graduated with a B.Sc (1969) and PhD (1973) in physics from the University of NSW, Sydney Australia. After post-doctoral experiences in the USA, UK and Europe he joined CSIRO, in Australia, working on zirconia Advanced Ceramics and subsequently Nano-mechanical Properties of materials. In 1990 he joined Sydney University where he taught in the Mechanical Engineering Department and from 1994 to the Dental Faculty.

Professor Swain has more than 600 journal publications and is co-author of three books with an h-factor of 58 and more than 15,000 citations. He has supervised more than 30 PhD students plus numerous Masters theses. His main area of research interest has been advanced ceramics and the critical role of microstructure on their properties. He is also interested in natural calcified tissue and dental restorative material systems. In 2011 he spent a sabbatical at the University of Freiburg in Germany where he was also involved in investigating the response of cells on various surfaces.

Recipient of the Richard Brook Award of the European Ceramic Society in 2013.