

NUI Maynooth / Irish Times Training joint CPD programme

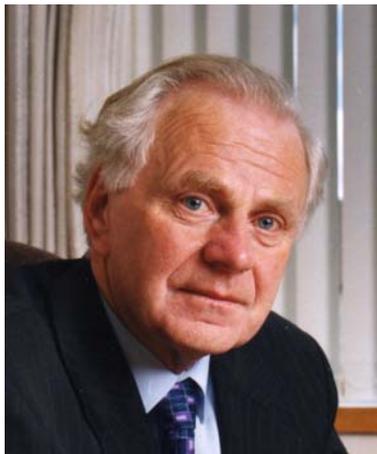
Biographies

Dr. Frank Devitt



Dr. Frank Devitt worked over twenty years in technology businesses in Ireland and abroad as engineer, engineering manager, general manager, sales director, managing director and entrepreneur. He has founded a number of indigenous technology businesses and remains a director of some. In 1998 he sold PowerTest Electronics Ltd. to Schaffner AG shortly before its IPO on the Swiss stock exchange, delivering a satisfactory return to investors. He has been with NUI Maynooth since 2002, where he is now Head of the Department of Design and Innovation in the School of Business and Law. Prior to this he was Head of the Department of Electronic Engineering. He lectures and researches in Innovation, Entrepreneurship, and Design Thinking as a strategic innovation methodology.

Professor Liam Downey



Professor Liam Downey was director of four National Organisations including Teagasc. He was awarded a Doctor of Science degree in 1979 for his research publications and a Doctor of Laws degree in 2000 for his wide ranging contributions to Science & Technology both nationally and internationally. He has recently participated in a number of high-level EU expert groups set up by the commission to undertake foresight projects on Europe in 2030. He was Chair of the Scientific Advisory Board of knowledge brokers from the US, Australia, France, Britain and Ireland established by Keenan & Co., the International Agri-Engineering company based in Carlow.

Dr Bob Lawlor



Dr Bob Lawlor spent his early career with Sony Corporation in the UK and Japan where he progressed to the level of senior R&D Engineer. His work in Japan involved taking a product prototype developed in the UK through to production. In the early nineties he returned to Ireland and took up a lecturing position with the Dublin Institute of Technology. Through the nineties he completed a Masters in Electronic Engineering followed by a PhD in Digital Signal Processing. Since 2001 he has lectured in Electronic Engineering at NUI Maynooth. He recently developed the postgraduate generic skills programme for the Faculty of Science & Engineering, NUI Maynooth.

Professor Joe Cogan



Professor Joe Cogan was co-founder of the National Institute of Technology Management and of the Science Policy Research Centre UCD. He has published widely in the areas of Innovation Management and Technology Policy. His books include Building a System of Innovation: the Irish Experience and The Irish Services Sector: a Study of Productive Efficiency. Professor Cogan has been prominent in EU R&D Framework programs both as a researcher and an evaluator. Before joining UCD he worked for 10 years in engineering research in the UK and Switzerland.

Dr Patrick Crehan



Patrick is a leading expert on innovation management. He is the founder of CKA, a management consulting company focused on foresight, innovation and organizational transformation. He conducts research on the measurement of innovation. He is a member of KIN Global - the Kellogg Innovation Network and recently joined the international advisory committee of the Joint Genomics Center in Sofia. He advises the Nordic Council of Ministers and works with RANIS of Iceland on the development of new innovation and nation-branding strategies. He is a Director of the Club of Amsterdam - a global-futures think-tank with activities in Europe, India and China. He is a founder of Ateji - the Paris based developer of software engineering tools, and recently helped it complete a round of business-angel financing. For more about his activities and the work of CKA visit www.cka.be.

Professor Tom Allen

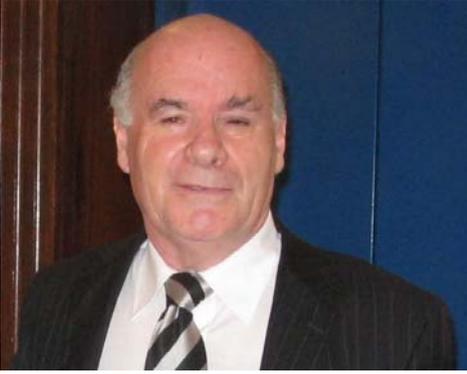


Dr. Allen specializes in organizational psychology and management. He explores the relationship between organizational structure and behavior, the role of technological gatekeepers in technology transfer, and the influence of architectural layout on communication.

Dr. Allen also examines international technology transfer, reward systems for technical professionals, and the impact of organizational structure on project performance. His long-term research targets the pharmaceutical and aerospace industries, addressing principally the issue of project management.

Dr. Allen's general expertise is in Ireland, management of engineers and scientists, and the pharmaceutical industry.

Dr Eddie Commins



Edward Commins is a chartered mechanical engineer (C.Eng; MIEI) holding primary, masters and PhD degrees in mechanical engineering. He also holds a masters degree in Technology and Innovation management and holds executives certificates in Strategy and Innovation and Design and Product Development from MIT.

He worked for many years as a worldwide engineering design consultant and for three of the past eight years has managed the engineering industry Technology Development department followed by three years in the development of a business scaling capability in Enterprise Ireland. The past two years has been spent managing and developing the Applied Innovation department in Enterprise Ireland. The department works closely with companies to improve performance in innovation capability, a process that has led to the development of an applied innovation model.

Professor John Ringwood



John Ringwood is Professor Electronic Engineering and Associate Dean for Engineering within the Faculty of Science and Engineering at NUI Maynooth. He was the founding Head of the Electronic Engineering Dept. at NUI Maynooth, developing the Dept. from a greenfield site. His principal research interests are in mathematical modelling and control, with application to such areas as semiconductor manufacture, electrical load forecasting and biomedical engineering and has been working in the wave energy area for 8 years. He has worked as a consultant to a number of companies over a range of industrial application area and collaborates closely with a number of wave energy companies, both in Ireland and abroad.

Professor Sean Doyle



Sean Doyle is a Professor in the Department of Biology at NUI Maynooth (2009). His appointment to the position of Lecturer (1997), initially, and subsequently Senior Lecturer (2001) at NUI Maynooth has afforded him the opportunity to develop a dynamic research group, form national and international research collaborations and publish in international peer-reviewed journals. To date, he has published 50 peer-reviewed publications and is a named inventor on 10 patents and patent applications. He is an expert in microbial proteomics and immunoassay development. He has established a productive research group, in **Molecular and Applied Microbiology**, and has attracted funding of over € 7 Million to NUI Maynooth, in National and International funding, to facilitate the research activities of his group (Number of Research grants awarded at September 2009: 45). He was Co-ordinator of a seven partner-EU 5th Framework project (€1,500,000) and is joint Principal Investigator, at NUI Maynooth, of PRTL-3 & 4 funded research initiatives, namely The National Institute for Cellular Biotechnology (€2,200,000). He is also a partner in an SFI Strategic Research Cluster (Bionanointeract) and a member of the Combatting Diseases of Poverty Consortium programme at NUI Maynooth. In addition, his research and commercial activities have contributed well over € 500,000 net to the operating budget of NUI Maynooth through grant overheads, industrial contributions and post-graduate fees since 1998. With respect to scholarship, he has graduated 10 PhD and 7 MSc graduates and has been internal and external examiner for numerous theses (MSc and PhD). Currently, he is directly supervising 5 PhD students. His expertise in the areas of fungal genetics & proteomics, and of immunity to parvovirus B19, has been recognised by numerous invitations to speak at National and International events. His participation in University activities includes membership of the Academic Council and Research Committee. Finally, he also has extensive industrial contacts and works closely with industry on knowledge transfer and new product development. Prior to joining NUI Maynooth, Professor Doyle spent 8 years working in the *in vitro* diagnostic industry and ultimately held the position of Head of Research and Development with Biotrin (Dublin, Ireland) for over three years. Here, amongst other significant achievements, he was responsible for the technical development and regulatory approval of the first, and to date only, US Food and Drug Administration (FDA) immunodiagnostic test systems for the human pathogen, parvovirus B19 (B19). This technology, which has sales of \$100 Million (up to 2009), has greatly contributed to the disease management of both B19-infected immunocompromised patients and pregnant women- globally.

Professor John Sweeney



Professor John Sweeney has been a lecturer at the Geography Department NUI Maynooth, since 1978. He received a First Class Honours B.Sc. from the University of Glasgow in 1974 and was awarded a PhD also from Glasgow in 1980. John has taught courses primarily related to climatology, but he has also taught biogeography, geomorphology and environmental resource management and has taught and researched at a number of universities in North America and Africa. He has also been involved in course design and curriculum development matters at second and third levels.

Over the past 30 years he has published approximately 60 scientific papers and edited/co-authored 4 texts on various aspects of climatology and climate change in Ireland. He has served a number of national academic societies as President, Secretary and Treasurer as well as being the Irish representative on a number of European academic bodies. He currently leads a number of nationally funded research projects examining various aspects of climate change in Ireland. As one of the contributing Authors and Review Editors of the recently published Fourth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), John shared with several hundred other climatologists the 2007 Nobel Peace Prize.

Mr Dermot O'Doherty



Dermot became an independent business consultant in January 2009 - specialising in innovation and the development of business networks - and brings knowledge and experience of a wide range of areas of business and economic development:

- Science, Technology & Innovation -he has spent many years as a professional policy analyst and programme reviewer across STI, including private sector, public-private and university industry collaboration. Other current areas include public procurement and its impact on innovation in firms; 'green' innovation and waste issues and the implications and impacts of 'open' innovation
- Business Networks Development – arising from the impact of networks on innovation in the firm and their implications for enterprise and industrial policy he has undertaken a series of planning exercises and programme initiatives aimed at establishing the optimum strategies, measures and approaches to maximising their benefit
- Strategic Planning – experience as a strategic planning manager and participating in and managing a range of foresight and forecasting exercises.