

## Assessment Panel: U.S-Ireland Research Innovation Awards 2015

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First Name	Surname	Biography
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Alison

Campbell

Dr Alison Campbell, Director of Knowledge Transfer Ireland has over 20 years' experience working at the academic-industry interface. Her experience includes business development and industry collaboration, IP management, out-licensing, start-up company creation, executive education, policy and the impact of research and innovation. During her career, Alison has worked in the biotech industry, led technology transfer and research support offices and worked as an independent consultant specialising in technology transfer and open innovation. She is a non-executive director of PraxisUnico and Portfolio Chair for International Development. She is also actively involved in the Industry Engagement portfolio.

Alison has served as a non-executive director on a number of companies and acted as an advisor to government departments in the UK and overseas. She was awarded an OBE for her services to UK knowledge transfer in 2010.



Niall

Campbell

Niall Campbell is KPMG Ireland's Head of Innovation.

He has over 20 years experience within KPMG's tax practice, specialising in VAT, with a particular focus on clients in the financial services, property, public sector, technology and healthcare sectors. Niall led KPMG's Global Indirect Tax practice from 2007 to 2012, including the establishment of KPMG's global indirect tax compliance centre in Budapest. He is also a member of EU VAT Expert Group and is widely published on Irish and global VAT matters, particularly in relation to global VAT reform and tax function performance.

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Kieran Drain

Dr. Kieran Drain joined Tyndall in January 2013 from his role as Vice President and General manager of the Lighting and Display Technology Division of Rambus Inc. Ohio. A proven leader and technology sector executive, Dr. Drain has delivered significant successes in major US and international business roles. He has over thirty years industrial experience in technology and business management in diverse industrial segments including solid state lighting, photovoltaics, nanomaterials, rechargeable batteries, LCD displays, electronic interconnect, automotive and composites. Prior to Rambus Dr. Drain served as President & CEO of venture funded NanoGram Corporation, a developer of nanomaterials process technology enabling the manufacture of unique nanostructured materials for optical, electronic and energy applications. Prior to this he was Vice President and General Manager for the Global Performance Polymers Division of Avery Dennison Corporation (NYSE.AVY). Dr Drain has also managed Ciba Specialty Chemical's business in photopolymers and electronics in North America, where he led a strong business turnaround. While at Ciba, Dr. Drain managed Polymer division corporate technology developments for almost a decade in both the USA and Europe. Earlier in his career Dr. Drain led electronics product development for Loctite Corporation in the US, and began his career with Loctite Ireland as a Research Chemist.

Dr. Drain holds a PhD in Industrial Chemistry from Queen's University Belfast, is a fellow of the Royal Society of Chemistry, and holds an MBA (Finance and Accounting) from Regis University, Colorado. He has served as a prior board member of the Adhesive and Sealant Council, US.



Dervilla Donnelly

Dervilla Donnelly, BSc,PhD,DSc,MRIA,HRHA Professor Emerita University College Dublin. Board member National Museum of Ireland, Chartered Accountants Regulatory Board, Chair of DIAS Foundation, Board member of Rat fur Forschung und Technologieentwicklung Wien 2000-2010. Former Chairman of the Custom House Docks Development Authority, Commission on Assisted Human Reproduction, National Education Convention, Review Group for Institutions in the Technological sector and Dublin Institute for Advanced Studies. Vice-Chair of the Board of Governors and Guardians of the National Gallery. President of the Royal Dublin Society, Governor of the Irish Times Trust and Director of the Irish Times Limited. Chairman of the European Science Research Councils, ; Vice-President of the European Science Foundation and European Science and Technology Assembly (EU); Chairman of the Evaluation team OECD programme Megascience Forum.



Mark Ferguson

Director General, Science Foundation Ireland and Chief Scientific Adviser to the Government of Ireland. Professor Mark W.J. Ferguson commenced as Director General of Science Foundation Ireland in January 2012 and as Chief Scientific Adviser to the Government of Ireland in October 2012. Previously he was Professor in Life Sciences at the University of Manchester (since 1984) and co-founder, CEO and Chairman of Renovo Group plc (1998-2011). He is the recipient of numerous international research awards including the 2002 European Science Prize (jointly), and is the author of 327 research papers and book chapters, 60 patent families and author / editor of 8 books. Mark graduated from the Queens University of Belfast with degrees in Dentistry (BDS 1st class honours), Anatomy and Embryology (BSc 1st class honours, PhD) and Medical Sciences (DMedSc), holds Fellowships from the Royal Colleges of Surgeons in Ireland (FFD), and Edinburgh (FDS) and is a Founding Fellow of the UK Academy of Medical Sciences (FMedSci). He is a member or Fellow of a number of learned Societies, and was made a “Commander of the British Empire” (CBE) by the Queen in 1999 for services to Health and Life Sciences.



Mark Gantly

Mark Gantly is a senior R&D director in HP's Cloud Business. His team is responsible for delivering the infrastructure services for HP's Helion software distribution. These services are derived from the OpenStack suite of projects, and Mark's team are active contributors to this open source community. From 2009 to 2015, Mark also served as site leader and managing director of HP Galway. He is a board member of the American Chamber of Commerce, and chairs AmCham's RDI working group. Mark is a graduate of Trinity College Dublin (mathematics, engineering science) and also holds a Diploma in Business Strategy from the Irish Management Institute.

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Leonard Hobbs

Leonard Hobbs, Director, Global Public Affairs, Intel Ireland  
 Leonard graduated from University College Cork Ireland in 1986 with a 1st class honours degree in Electrical Engineering and was also awarded the title of ‘graduate of the year’ by the college. He completed a Masters degree at the NMRC (now called Tyndall), at UCC in 1988. From 1988 to 1991 he worked as a research scientist at IMEC, in Leuven, Belgium. In 1991 he joined Intel and held various roles in Process Engineering. In 2008 he established Intel Ireland’s Silicon Research team who worked with Irish universities and European consortia. In 2014 he was appointed to his current position.



Peter Kennedy  
 Chair of the Panel

Michael Peter Kennedy is Professor of Microelectronic Engineering at University College Cork (UCC) and International Relations Secretary at the Royal Irish Academy (RIA). He received his PhD from the University of California at Berkeley in 1991 and the DEng from the National University of Ireland in 2010. He has published over 350 technical articles, including monographs and patents, covering “blues skies” to applied research, from chaos theory to microchip design. He received the IEEE Millennium and Golden Jubilee Medals, and the inaugural RIA Parsons Award in Engineering Sciences. He was made a Fellow of the IEEE in 1998 for contributions to the theory of neural networks and nonlinear dynamics and for leadership in nonlinear circuits research and education. He was elected to membership of the RIA in 2004. From 2005 to 2007, he was President of the European Circuits Society and Vice-President of the IEEE Circuits and Systems (CAS) Society. He served as UCC's Vice-President for Research from 2005 to 2011. He is founding Director of the Microelectronics Industry Design Association and the Microelectronic Circuits Centre Ireland. He was a Distinguished Lecturer of the IEEE during 2012-13 and has been Chair of a European Research Council’s Starter Grants Evaluation Panel.



**Stephen Masterson** With 29 years of Financial Services experience, Stephen has had a diverse career spanning Senior Proprietary Trading positions within Barclays Bank, BOI and managing his own company on the New York Board of Trade. Within Ulster Bank /RBS, Stephen has held the role of Regional Head of Capital Markets Sales and since 2008 he and his team are the primary Relationship Managers for Ulster Bank's / RBS's International & Institutional customers in Ireland. Stephen is a Board member of the International Banking partnership IBOS, an active member of both the American & Dublin Chambers of Commerce and a fellow of the Institute of Bankers.



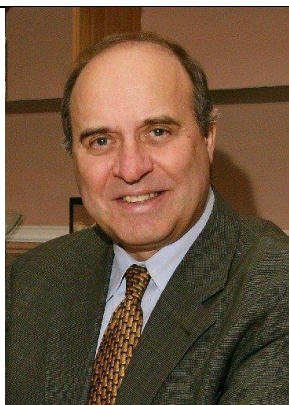
**John McCanny** Professor John V McCanny CBE FRS FEng, Director, Institute of Electronics, Communications and Information Technology, Principal Investigator, Centre for Secure Information Technologies (CSIT), Queen's University Belfast. Professor John McCanny is an international authority on special purpose silicon architectures for Signal and Video Processing and for Cryptography. He is a Fellow of the Royal Society, the Royal Academy of Engineering, the Irish Academy of Engineering and the Institute of Electrical and Electronic Engineers (IEEE). He is also a Member of the Royal Irish Academy. His honours and awards include a UK Royal Academy of Engineering Silver Medal (1996), an IEEE Millennium Medal, the Royal Dublin Society/Irish Times Boyle medal (2004), the IET's Faraday medal (2006 - its highest honour) and the Royal Irish Academy's Cunningham medal (2011 - its highest honour). He was awarded a CBE in 2002. He has co-founded two successful high technology companies based the work of his research teams, Amphion Semiconductor Ltd. and Audio Processing Technology Ltd. He was responsible within Queen's University for developing the vision that led to the creation of the Northern Ireland Science Park (120 companies employing over 2100 people) and its £37M research flagship, the Institute of Electronics Communications and Information Technology - ECIT ([www.ecit.qub.ac.uk](http://www.ecit.qub.ac.uk) ). He also led the initiative that created the £30M UK Centre for Secure Information Technology (CSIT [www.csit.qub.ac.uk](http://www.csit.qub.ac.uk) ). CSIT now has over 80 people working in the field of Cyber Security and related technologies and is an EPSRC/TSB/INI funded Innovation and Knowledge Centre based at ECIT. He currently chairs the Royal Society's Policy Steering Committee on Cyber Security research and is currently a member of the Royal Academy of Engineering Dowling review of university/industry research collaborations.



Pamela

Newenham

Pamela Newenham is a business journalist with The Irish Times. She specialises in the areas of innovation, technology, start-ups and entrepreneurship. She was named Technology Reporter of the Year 2014 at the Smurfit School Business Journalism Awards. She is the editor of Silicon Docks, a book about the rise of Dublin as a global tech hub, which was published earlier this year. The book chronicles the history of the changing docklands in Dublin, with the arrival of companies such as Google and Facebook. Pamela has a degree in law from University College Dublin and DePaul University Chicago, and a master's degree in journalism from Dublin City University. At UCD, she founded Ireland's first student television station, which is still running today.



Reg

Shaw

Currently Chief Executive and Board member of Ireland's National Institute for Bioprocessing Research and Training. Chairman of The Health Research Board, Ireland, (to June 2012), board member of companies in Ireland and Chairman of Excelsyn Ltd., Newcastle, UK, a leading supplier of active intermediates to the pharmaceutical industry, until it's sale to AMRI of the US in 2010. In addition, Dr. Shaw acts as consultant to various world leading companies, including Veolia and serves on various Irish Government agencies, and business groups. From 1999 to 2007, as Managing Director of Wyeth, Ireland, he had overall responsibility for one of the world's largest biotech facilities from initial design through sustaining operations in Dublin, Ireland. Prior to 1999, he was Senior VP and director for SmithKline's worldwide operations, involving 26 facilities in 11 countries. He graduated from University College, Galway in 1974 with a Ph.D. in Physical Chemistry and is a Fellow of The Institute of Chemistry of Ireland and a Fellow of The Irish Academy of Engineering. He was a member of the Government appointed Enterprise Strategy Group in 2004, and served on the Science and Technology Council. He was a board member of The American Chamber of Commerce and The Irish Bio Industry Association. He was regional President and board member of IBEC. He also was a board member of an educational institute and a treasurer for Cork Chamber of Commerce. Currently acts as an Advisory member for a Science Park in Cork. He is married with two sons and interests include music, golf, travel and photography.

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Alan

Smeaton

Alan Smeaton is Professor of Computing at Dublin City University, where he is also Director of the Insight Centre for Data Analytics. Previously he has been Head of School and Executive Dean of Faculty at DCU. He is a member of the Irish Research Council and a member of the Scientific Committee of COST, Europe's longest-running intergovernmental framework for cooperation in science and technology. Alan is also a Member of the Royal Irish Academy and chairs the Academy's Engineering and Computer Science panel.



Barry

Smyth

Professor Barry Smyth holds the DIGITAL Chair of Computer Science at University College Dublin and is a member of the Royal Irish Academy. He is a Director of the Insight Centre for Data Analytics, a €100m research centre funded by Science Foundation Ireland and Industry. Barry's own research interests include information discovery, personalisation and recommender systems. He has published more than 400 scientific papers and founded a number of companies to commercialise the outputs of his research. In 2014 Barry received an Honorary DTech from Robert Gordon University in Aberdeen and was named as SFI's Researcher of the Year.

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