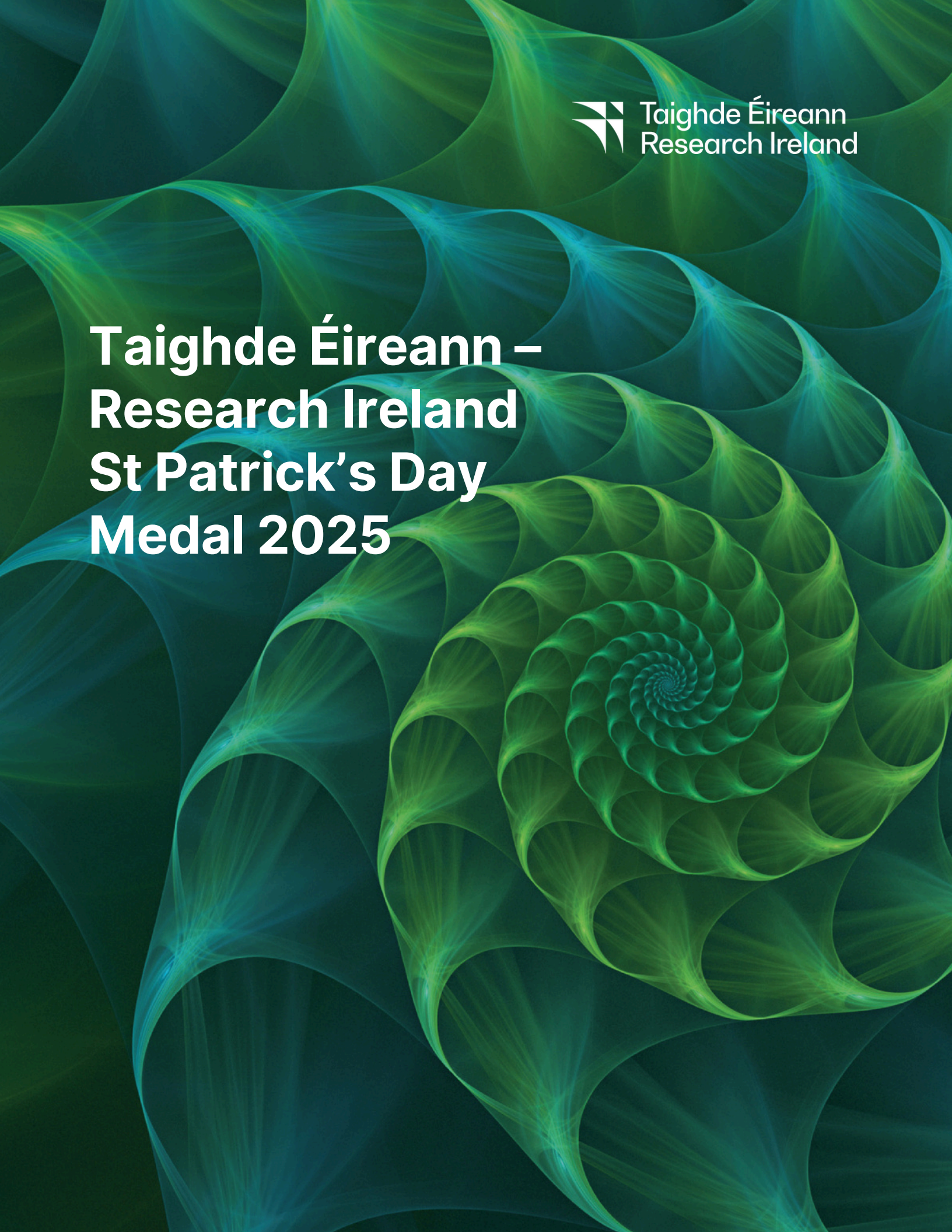


**Taighde Éireann –  
Research Ireland  
St Patrick’s Day  
Medal 2025**





# Taighde Éireann Research Ireland

**Taighde Éireann – Research Ireland** is the new national competitive research and innovation funding agency. The agency was established on August 1st, 2024, through the amalgamation of the activities and functions of Science Foundation Ireland (SFI) and the Irish Research Council (IRC).

## About the Medal

The SFI St Patrick's Day Science Medal has been awarded annually to a distinguished researcher or technology leader living and working in the USA with strong Irish connections.

Running since 2014, the competition was expanded in 2016 to include a specific award for an industry leader. Now the **Research Ireland St Patrick's Day Medal** is being developed to recognise the contributions of academic and industry leaders in the U.S. across every discipline of research – from science and engineering to the arts, humanities and social sciences.

## Nomination Process

Nominations for the 2025 competition are now open for two categories of entrant; industry-based and academia-based individuals.

The deadline for nomination is **5pm (Dublin local time) on Friday, November 15th, 2024**. Nominations and queries can be submitted to: [medal@researchireland.ie](mailto:medal@researchireland.ie)

For more information and submission forms, visit:  
<https://www.sfi.ie/funding/funding-calls/st-patricks-day-medal/>

## Medal Recipients



2024 - ACADEMIC MEDAL

### **Prof. Eamonn Keogh**

Dr Eamonn Keogh, holds the position of Distinguished Professor and Ross Family Chair at the Department of Computer Science, University of California, Riverside. Born and raised in Dublin, Ireland, Dr Keogh

completed studies at California State, San Marcos, and the University of California, Irvine. He is a world-leading expert in the field of data mining and machine learning and was the first person to apply the power of data mining to the problem of flying insect classification in agriculture. This body of work is being increasingly commercialised worldwide to prevent crop losses by insect pests. He is currently the only person to have won three independent Bill and Melinda Gates Grand Challenge Awards, and the only person to be a three-time Bell Labs Prize finalist. He is co-founder of the Keogh-Yoshii Scholarship for underrepresented students in computer science.



2024 - INDUSTRY MEDAL

### **Mr John Hartnett**

Mr John Hartnett, is the founder and CEO of SVG Ventures / THRIVE, a global agri-food innovation and investment platform in Silicon Valley that accelerates, invests and works with entrepreneurs, investors

and Fortune 500 corporations to advance the future of food and agriculture globally. SVG Ventures is ranked as the most active agtech investor with over 80 investments in the sector. Mr Hartnett, a Limerick native, is a veteran in the technology industry who supports and mentors companies as they transition from education and research to start-up. Based in California, he founded the Irish Technology Leadership Group (ITLG), a network of global Irish technology leaders that fosters links between the USA and Ireland. In 2014, John launched the ITLG Young Innovators Event to promote the development of leadership and innovation in Irish youth, and to ignite a passion for technology and entrepreneurship.

2023 - ACADEMIC MEDAL

**Prof. Paul K. Whelton**



Prof. Paul K. Whelton, is Show Chwan Professor of Global Public Health at Tulane University School of Public Health and Tropical Medicine, in New Orleans, and President of the World Hypertension League. A native of Cork City, Ireland, Prof. Whelton has served as the principal investigator for a number of high-profile research studies that have informed the diagnosis, prevention, and treatment of high blood pressure. He holds degrees from University College Cork, the National University of Ireland, and the London School of Hygiene and Tropical Medicine. He has authored over 550 peer-reviewed publications, and has received numerous awards, including the 2018 American Heart Association Hypertension Council Excellence Award.

2023 - INDUSTRY MEDAL

**Mr Paul Daugherty**



Mr Paul Daugherty, Group Chief Executive - Technology and Chief Technology Officer at Accenture, is responsible for leading all aspects of Accenture's technology business, including its technology strategy. With Irish roots tracing back to Donegal, he has been recognized as a leading voice in driving innovation through R&D and leveraging emerging technologies to bring the newest innovations to clients globally. The co-author of two books, *Human + Machine: Reimagining Work in the Age of AI* and *Radically Human: How New Technology is Transforming Business and Shaping Our Future*, Mr Daugherty accepted a FASPE Award for Ethical Leadership for his work in developing ethical AI, serves on the board of directors of GirlsWhoCode, and was a key leader in driving the 2017 launch of The Dock – Accenture's flagship R&D and Global Innovation Hub – in Dublin, Accenture's first global R&D Lab focused on artificial intelligence.



2022 - ACADEMIC MEDAL

**Prof. Donald P. McDonnell**

Limerick native, Prof. Donald P. McDonnell is one of the world's leading experts in the treatment of cancers, such as breast and prostate cancer, that respond to hormones. His work has led to the discovery

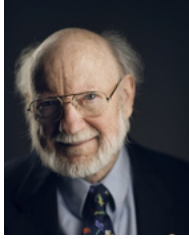
of several drugs that are currently being evaluated in the clinic, and to the identification of potential markers to personalise and target treatment. He obtained a degree in Biochemistry from the National University of Ireland, Galway in 1983, before moving to Baylor College of Medicine, in Houston, Texas, where in 1987 he obtained his PhD. He spent time in industry before moving to Duke University, North Carolina. Prof. McDonnell is the Glaxo-Wellcome Distinguished Professor of Molecular Cancer Biology, in the School of Medicine and he is the Associate Director for Basic Research for the Duke Cancer Institute.



2022 - INDUSTRY MEDAL

**Mr John Collison and Mr Patrick Collison**

John and Patrick Collison are two of Ireland's most distinguished entrepreneurs, having founded financial infrastructure platform, Stripe, in 2010. The Collison brothers are also working to change higher education. Partnering with the University of Limerick, they created the new BSc/MSc graduate programme in Immersive Software Engineering (ISE), a new four-year master's degree in software engineering featuring five paid placements, a new style of learning and an in-built research and development platform.



2021 - ACADEMIC MEDAL

**Prof. William C. Campbell**

Prof. William C. Campbell is a Nobel Prize winning Irish biologist and parasitologist. He was educated in Ireland, spent most of his working life in the U.S. and his pioneering scientific research has helped to

transform the lives of millions of people worldwide who suffered from river blindness. Prof. Campbell, who grew up in Ramelton, Co. Donegal, developed his interest in parasitology while studying at Trinity College Dublin graduating in 1952 with first class honours in Zoology before moving to the U.S.



2021 - INDUSTRY MEDAL

**Vincent Roche, President and CEO of Analog Devices Inc.**

Since becoming ADI's president in 2012 and CEO in 2013, Mr. Roche has initiated and led a transformation in ADI's business

approach, moving the company 'up the stack' from electronic chip components to system-based products. Mr. Roche grew up in Wexford and earned a Bachelor's degree in Electrical Engineering from the then NIHE Limerick in 1982. He joined Analog Devices in the early 1990s and in 2017 received an Honorary Doctorate from University of Limerick.



2020 - ACADEMIC MEDAL

**Prof. Neville Hogan, Sun Jae Professor of Mechanical Engineering, Massachusetts Institute of Technology**

Born in Dublin, Ireland, Prof. Neville Hogan graduated from Dublin Institute of Technology

(now TU Dublin) in 1970, before going on to receive a degree and an MSc in Mechanical Engineering, and then a PhD in Mechanical Engineering, all from Massachusetts Institute of Technology. As a professor in MIT's Department of Mechanical Engineering and Department of Brain and Cognitive Sciences, Prof. Hogan is one of the few faculty members at MIT to have appointments both in the School of Engineering and School of Science, and is regarded as the father of rehabilitation robotics.



2020 - INDUSTRY MEDAL

**Dr Ann B Kelleher, Head of Technology Development, Intel Corporation**

Dr Ann B Kelleher, Senior Vice President and General Manager at Intel, has had an outstanding scientific and

technical career. Originally from Macroom, Co. Cork, she achieved First Class honours in Engineering in 1987 and a MEng in 1989 from University College Cork. In 1993, Dr Kelleher became the first female to receive a PhD from the National Microelectronics Research Centre (NMRC), the forerunner of Tyndall National Institute. She was the first Irish woman in the history of Intel to be named as a Vice President, and she maintains strong links to Ireland, making significant contributions across several areas.



2019 - ACADEMIC MEDAL

**Prof. Eamonn Quigley,  
Houston Methodist Hospital**

Prof. Eamonn Quigley, a native of West Cork, is a leading international expert in the field of gastroenterology. His career has spanned over thirty years, working on both

sides of the Atlantic. A graduate of University College Cork (UCC), and following clinical training in Glasgow, he spent two years as a Research Fellow at the Mayo Clinic in Minnesota. In 1986, he joined the University of Nebraska Medical Center in Omaha, where he was Chief of Gastroenterology and Hepatology. Prof. Quigley returned to Cork in 1998, where he served as Dean of the Medical School at UCC for seven years and was a Principal Investigator at the APC Microbiome SFI Research Centre from its inception. He took up his current post in Houston in 2013 where he holds the David M Underwood Chair of Medicine in Digestive Disorders.



2019 - INDUSTRY MEDAL

**Mr Mike Mahoney, CEO  
Boston Scientific**

Mr Michael Mahoney has nearly thirty years' experience working with medical devices organisations. Prior to joining Boston Scientific in 2011, he

served as Worldwide Chairman of the Medical Device and Diagnostics Group (MD&D) at Johnson & Johnson. U.S.-born, Mr Mahoney has always felt strongly connected to his Irish heritage, with family linking back to Cork and Mayo. Boston Scientific has a long-standing relationship with Ireland, since establishing there in 1994 with the support of IDA Ireland and is now one the country's largest employers with 5,000 employees at its sites in Clonmel, Cork and Galway. The company produces devices that help treat more than 30 million patients worldwide annually, including treatments for disorders of the heart and circulatory systems, chronic pain, Parkinson's Disease, gastrointestinal and urological conditions. The Irish manufacturing operation is an integral part of the corporations manufacturing strategy and capability.



2018 - ACADEMIC MEDAL  
**Prof. Margaret Murnane, University of Colorado**

Limerick native Prof. Margaret Murnane is a visionary in her field of laser science and one of the most acclaimed research-active physicists in the U.S. Elected to the U.S. National Academy of

Sciences, her many achievements have enabled major advances by allowing researchers to image particles in fields from physics and chemistry, to biology, medicine and technology. In 2017 Prof. Murnane was awarded the Optical Society of America's Frederic Ives Medal/Quinn prize, which recognizes overall distinction in optics and is the highest award given by the OSA. Prof. Murnane continues to play a significant role in research and the promotion of science in Ireland, in her keen and ongoing support of the Tyndall National Institute in Cork.



2018 - INDUSTRY MEDAL  
**David McCourt, Founder and CEO of Granahan McCourt Capital**

Founder and CEO of Granahan McCourt Capital, David McCourt holds Irish citizenship and has a home in County Clare. He has been incredibly active in

Ireland's academic ecosystem in terms of funding, employment, innovation and as part of the Irish Government's Global Economic Forum. In Ireland, Granahan McCourt has expanded access to broadband through its part-owned company, enet, which operates next-generation, open-access telecoms infrastructure. David is also pioneering technology to develop 'Broadband in a Box' which aims to bring internet connectivity to the most under-served technology areas in the world. Through substantial partnerships with his companies he has provided considerable support to the SFI Research Centre CONNECT. In 1984 David was the first-ever recipient of the White House award recognising extraordinary accomplishments by private sector businesses.



2017 - ACADEMIC MEDAL  
**Prof. Adrian Raftery, University of Washington**

Born in Dublin, Prof. Adrian Raftery has been a leader in developing new Bayesian statistical methods for model selection and model averaging, as well as model-based clustering. He has worked on

studies which have fundamentally changed our understanding of whaling populations, the prevalence of HIV/Aids, and weather forecasting. He is Professor of Statistics and Sociology and a faculty affiliate of the Centre for Statistics and the Social Sciences, and the Centre for Studies in Demography and Ecology at the University of Washington. An elected member of the U.S. National Academy of Sciences, he was identified as the world's most cited researcher in mathematics for the decade 1995-2005 by Thomson-ISI.



2017 - INDUSTRY MEDAL  
**Dr T. Pearse Lyons, Founder and President of Alltech**

Dundalk-born biochemist and entrepreneur, Dr. T. Pearse Lyons, was the first Irish scientist to create a global business based on scientific research. A graduate of

University College Dublin with ambitions to create the next 'green revolution' to improve the health and performance of people, animals and plants, Dr. Lyons founded Alltech in 1980. Today with annual sales of \$3 billion, trading in 128 countries worldwide and more than 6,000 employees, Alltech remains committed to innovation and development. The company's European headquarters are in Dunboyne, Co. Meath, and the main base is in Kentucky, where Dr. Lyons established himself as a leader within the business community. In recent years, Dr. Lyons had also set up a distillery in his name in the Liberties area of Dublin.



**2016 - ACADEMIC MEDAL**  
**Prof. Séamus Davis, Cornell University**

Prof. Séamus Davis has been at the forefront of modern physics for more than 30 years, where he has made wide-ranging contributions to the physics of quantum materials.

Professor Davis is the JG White Distinguished Professor of Physics at Cornell University, the SUPA Distinguished Professor of Physics at St. Andrews University, and a Senior Physicist at the U.S. Department of Energy's Brookhaven National Laboratory. A winner of the National Science Foundation Young Investigator award in his early days, he has become a Fellow of the Institute of Physics and of the American Physical Society. In 2010, he was one of the youngest physicists ever elected to the U.S. National Academy of Sciences. He has extensive personal and research links with Ireland, having graduated from University College Cork where he remains a frequent visitor and speaker.



**2016 - INDUSTRY MEDAL**  
**Dr Craig Barrett, former CEO of Intel**

Dr. Craig Barrett is a leading advocate for improving education in the U.S. and around the world, and a vocal spokesman for the value technology can provide in raising

social and economic standards globally. Having held the positions of Chairman, CEO and President of Intel Corporation, Dr. Barrett has played a pivotal role in the establishment of Intel's European manufacturing base in Leixlip, Co. Kildare, and in promotion of Ireland, globally, as a hightech centre. Chairman of the Irish Technology Leadership Group from 2005 to 2009, Craig was presented with the Irish Presidential Distinguished Service Award for the Irish Broad in 2013. He has served as a member of the Hong Kong Chief Executive's Council of International Advisers, the board of trustees of the Society for Science & the Public, and the Board of Directors for the National Forest Foundation, the non-profit partner to the U.S. Forest Service.



**2015**  
**Prof. Katherine Fitzgerald, University of Massachusetts**

Prof. Fitzgerald's research into infectious diseases and how the innate immune system protects humans from microbial challenges has been published in leading scientific journals

including Nature, Science, and Cell, accruing over 16,000 citations. Having studied at University College Cork and Trinity College Dublin, Prof. Fitzgerald is the recipient of the Irish Society of Immunology Public Lecture Award and the Irish Royal Academy of Medicine Donegan Medal. She is Professor of Medicine and co-Director of the Program in Innate Immunity at the University of Massachusetts Medical School. Her work at the university has helped to define inflammatory activators that lead to diseases such as gout, asbestosis, and potentially Alzheimer's disease.



**2014**  
**Dr Garret FitzGerald, University of Pennsylvania**

Through his research on biomedical cardiovascular pharmacology, Dr. FitzGerald has been awarded both the 2013 Grand Prix Scientifique - considered the world's most

prestigious honour for cardiovascular research - and the Irish Times/RDS Boyle Medal. He is recognised for his lifetime contributions to the study of cardiovascular health, and in particular the implications of pain medicines on cardiac systems. He was instrumental in the discoveries relating to the use of low-dose aspirin in preventing cardiac disease. Dr. FitzGerald is the McNeil Professor in Translational Medicine and Therapeutics at the Perelman School of Medicine, University of Pennsylvania, where he also chairs the Department of Pharmacology and directs the Institute for Translational Medicine and Therapeutics. He was elected to the Royal Irish Academy, the highest academic honour in Ireland, in 2016.