

# Impact

## Philanthropy in Trinity 2016–17



# Welcome



Dear Friends,

I would like to thank you all for your ongoing support and commitment to Trinity.

This was a special year which marked the 425th anniversary of the foundation of Trinity College Dublin. We celebrated this milestone with a symposium where historians and academics reflected on Trinity's foundations and on how it has changed through the centuries. This University was built with the generous support of prominent 16th century citizens from Ireland and abroad. Today your support is essential for us to deliver excellence in education and research so as to make a lasting impact on Ireland and beyond. For your continued generosity, I thank you.

Other reasons to celebrate during 2017 included Trinity rising in the rankings and being accepted as one of only 23 elite universities into LERU, the League of European Research Universities. We are delighted that for the third year running, we have been rated Europe's Number 1 university for educating entrepreneurs.

The Trinity Business School is nearing completion and will open in 2018 with the first intake of students to the new building arriving the year after. In October 2017, we opened the first Alumni Room on campus in East Chapel. These are just two examples of projects that could not have happened without the wholehearted commitment of donors. Over the following pages we bring you many more projects across the University that have been made possible by our community of generous supporters.

We are proud to pay a special tribute to the Naughton family in this donor report, recognising the immense contribution they have made to Ireland as well as Trinity. Martin and Carmel Naughton and their family invest in excellence in many fields including education, science, technology, engineering and the arts. Their support to Trinity includes the development of the Science Gallery, the Naughton Institute and the Naughton Scholarships Programme. The latest philanthropic donation by the Naughton family of €25 million represents the single largest private donation in the history of the state and will enable the development of Trinity's ambitious E3 institute. E3 will enable collaboration between engineers, natural and computer scientists in order to address some of the biggest challenges facing Ireland and the world including climate change and water supply.

Finally, I would like to acknowledge the ongoing hard work of Trinity Development & Alumni and its Trustees in continuing to play a vital role in linking Trinity's strategic goals with a global philanthropic community.

I hope to meet many of you here in Trinity, or on my travels over the coming months and I sincerely thank you again for your ongoing support.

Warm regards,

A handwritten signature in dark ink, appearing to read 'Dr. Patrick Prendergast'.

Dr Patrick Prendergast B.A.I., Ph.D., Sc.D (1987)  
PROVOST



# 425 Years of Philanthropy

2017 marked the 425th anniversary of the foundation of Trinity College Dublin, the University of Dublin. The University was established by charter of Queen Elizabeth I and through the generosity of leading citizens from Ireland and abroad. Philanthropy continues to play a crucial role in Trinity's evolution spanning six centuries. Your support enables Trinity to make an impact today, and allows the University to create a legacy which will last forever.

## 16TH CENTURY

- 1 Queen Elizabeth I

## 17TH CENTURY

- 2 James Ussher

## 19TH CENTURY

- 3 Sir Patrick Dun

## 20TH CENTURY

- 4 Earl of Iveagh
- 5 Grania Guinness, Dowager Marchioness of Normanby and her son Constantine Phipps, 5th Marquess of Normanby
- 6 Chuck Feeney

## 21ST CENTURY

- 7 Dr Martin & Mrs Carmel Naughton
- 8 Brendan & Kenane McDonagh
- 9 Dr Stanley Quek
- 10 Dr Beate Schuler
- 11 Dr Mark Pigott
- 12 Terry & Marjorie Neill



### 16TH CENTURY

Queen Elizabeth I (1) establishes the first Irish University by charter in 1592.

An appeal to leading Irish citizens raises £2,047 and the money is applied to building and furnishings.

### 17TH CENTURY

James I endows five separate grants of land in various parts of the country and confirms an annual subsidy in perpetuity.

The Library is developed when Henry Jones, Bishop of Meath, presents the two world-famous illuminated manuscript Gospel Books, *The Book of Kells* and *The Book of Durrow*.

The Library of James Ussher (2), Archbishop of Armagh, one of the first alumni of the University and a Professor of Divinity and a Fellow, is bequeathed to Trinity.

### 18TH CENTURY

Claudius Gilbert bequeaths money to commission 14 busts of 'men eminent for learning' to adorn the Library.

### 19TH CENTURY

Sir Patrick Dun (3), leaves a substantial bequest to establish Sir Patrick Dun's Hospital, a teaching hospital, in 1832.

The Campanile is donated by Lord Beresford, the Archbishop of Armagh.

A Tercentenary Alumni Appeal raises £7,500 for the construction of the Graduate Memorial Building.

### 20TH CENTURY

Edward Cecil Guinness, the 1st Earl of Iveagh (4), funds physics and botany buildings.

Trinity Hall in Dartry – to provide accommodation for women – is funded by the Chancellor, Lord Iveagh, and Frederick Purser. The site is extended by a donation from John Purser Griffith.

The Moyne Institute of Preventive Medicine is presented by the Dowager Marchioness of Normanby (5) in memory of her father Walter Edward Guinness, 1st Baron Moyne.

Berkeley Library donors include Rupert Edward Cecil Lee Guinness, the 2nd Earl of Iveagh; the Gulbenkian Foundation; Lady Mayer; the Chester Beatty Trust; George Dawson and Jack Morrison.

A bequest from alumnus Sami Nasr, enables the University to construct the Sami Nasr Institute for Material Sciences.

The O'Reilly Institute, named in honour of John P. and Aileen O'Reilly, is opened by their son, Anthony O'Reilly.

Dr Donald Panoz and Elan Corporation pledge support for the Panoz Institute, a purpose-built facility for the School of Pharmacy.

The Programme for Research in Third Level Institutions (PRTLII) is launched, following an initial investment of €75 million by Chuck Feeney's (6) foundation, The Atlantic Philanthropies.

The Smurfit Institute of Genetics is established with support from the EU, The Atlantic Philanthropies, Dr Martin Naughton, the Wellcome Trust and Dr Michael Smurfit.

With funding from The Atlantic Philanthropies and Lewis Glucksman, the James Ussher Library is built.

### 21ST CENTURY

Dermot Desmond funds a number of initiatives in the University, including Trinity Access Programmes (TAP) and a new Business School development.

Fred Krehbiel provides support for the Trinity Irish Art Research Centre (TRIARC).

The Naughton Institute, a state-of-the-art nanoscience facility, opens with support from (7) Dr Martin & Mrs Carmel Naughton.

Brendan and Kenane McDonagh (8) provides scholarships for students to attend the School of Business.

Durkan Family & Friends fund the John Durkan Research Laboratories in the Trinity Centre at St James's Hospital.

The Capt. Cathal Ryan Trust invests in the new Lir Academy, a purpose-built facility for training actors and others involved in stagecraft.

Trinity Biomedical Sciences Institute (TBSI) opens with support from Dr Stanley Quek (9), Dr Beate Schuler (10) and medical alumni.

Dr Beate Schuler funds Ph.D.s and professorships in Chemistry and the Science Gallery.

Dr Mark Pigott (11) provides funding for the Seamus Heaney Professorship in Irish Writing.

Eric Kinsella, Executive Chairman of Jones Engineering, and his wife Barbara fund a new 24-hour student study hall and endow scholarships.

Terry & Marjorie Neill (12) support the Trinity Long Room Hub, arts and humanities research institute.

The Iris O'Brien Foundation funds the neurodegenerative diseases research programme.

# Director's Report 2016–2017

In the year ending September 2017, many important and transformative projects were made possible in Trinity thanks to the generosity of our donors.

On behalf of everyone in Trinity, I would like to take this opportunity to thank all of our donors and supporters. Your support is enabling students and researchers within Trinity to fulfill their potential and continue to make meaningful contributions to society.

In 2016-17, thanks to the support of many individual alumni and friends including Trinity's supporting bodies around the globe (Trinity Foundation, the TCD Association and Trust, the University of Dublin Fund US and the UK Trust for TCD), Trinity successfully secured philanthropic income of €21 million.

To ensure we provide the best possible service to our donors and supporters, Trinity Development & Alumni is committed to maintaining the highest standards of governance and transparency. We have adopted the best codes of practice in the Irish charity sector and we are fully committed to complying with all recommendations and guidelines set by the Charities Regulatory Authority.

We look forward to keeping you up to date with our future developments as your support continues to make a difference. You can obtain a copy of our financial accounts for 2016–2017 at [www.tcd.ie/alumni](http://www.tcd.ie/alumni).

## Use of Funds

	2017 – €	2016 – €
Opening funds	€14,105,717	€23,425,583
<b>Incoming resources</b>		
Project funds	€12,216,539	€8,112,606
Project allocations	(€7,626,759)	(€17,432,472)
Net (outflow) / inflow of funds	€4,589,780	(€9,319,866)
<b>Closing funds for University use at end of year</b>	<b>€18,695,497</b>	<b>€14,105,717</b>

### NOTE:

Trinity Foundation's sole function and purpose is to support development (fundraising) and alumni relations activities for the benefit of Trinity College Dublin. It raises philanthropic funds for University projects, strengthens links with the University's 115,000 strong community of alumni and supporters worldwide through meetings, communications and events.



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To view a full list of Trinity donors who made contributions in the financial year 1 October 2016 to 30 September 2017 please visit:

[www.tcd.ie/alumni/donors](http://www.tcd.ie/alumni/donors)



# A Vision for Education

The transformative impact of the Naughton family

Martin and Carmel Naughton are committed philanthropists who have supported a wide range of projects in Ireland and internationally across the arts, education and in the areas of science, technology, engineering and mathematics.

The transformative gift of €25million by the Naughton family towards E3 has secured the development of a landmark institute which will enable collaboration between engineers, natural and computer scientists in order to address some of the biggest challenges facing Ireland and the world including climate change and water supply.

The family has also made a major contribution to the history of art and architecture in Ireland through their support for National Gallery Millennium Wing, a five-volume Irish Art & Architecture Book and the proposed Newman House devoted to James Joyce and Irish literature.

## Martin Naughton, Businessman and Philanthropist

Martin Naughton, from Dundalk in Co. Louth, built up the world's biggest manufacturer of home and commercial heating appliances from a base at Dunleer, a Louth village with little over 5,000 residents. Along with Lochlann Quinn – another well-known Irish business figure – Mr Naughton built Glen Dimplex into Ireland's largest private manufacturing company through brands such as Morphy Richards, Stoves and Belling.

Martin studied mechanical and production engineering in Southampton, England. He worked for 12 years for AET, Ireland's then leading domestic appliance maker, as an industrial engineer and plant manager. When the firm hit problems as a result of the lifting of tariffs, Naughton put forward a rescue plan which was rejected by the government. In 1973, he left and with the backing of the Northern Ireland Development Agency, realised his dream of setting up Glen Electric which was modelled on his rescue plan for AET under his mantra "innovate or evaporate".

Now with 23 manufacturing plants worldwide, Martin continues to lead his company from Ireland and develops local business and talent, putting resources into the community and supporting the country's economic rise.

Martin's business, community and philanthropic interests make him one of our most successful international leaders. He has served on a number of government boards and received a number of honorary degrees. He is a knight of the British Empire (K.B.E.) and was awarded the Legion d'Honneur.

Martin and his wife Carmel, who was a teacher, have three children – Neil, Fiona and Fergal. A very close family, they support each other in their common and individual interests.



**Left top:** Naughton Institute, Photo © Gerry O'Leary.

**Left bottom:** National Gallery of Ireland, Millennium Wing, Photo © Roy Hewson.

**Right:** Martin & Carmel Naughton.

Martin and Carmel Naughton and their family invest in excellence in many fields including education, science, technology, engineering and the arts. Their support to Trinity includes the development of Science Gallery, the Naughton Institute and the Naughtons Scholarships programme.





### The Naughtons and Trinity

This year, Martin Naughton announced a philanthropic donation of €25 million to Trinity College Dublin towards its ambitious E3 Institute which will bring together engineers alongside natural and computer scientists to collaborate and strive to find unique solutions to problems facing us all including climate change, data and population size. The Institute seeks to create a new type of graduate and Dr Naughton's support not only represents the single largest private philanthropic donation ever made to Trinity but a continuation of the transformational support he has given in developing graduates with a strong background in science, technology, engineering and mathematics (STEM) subjects.

"We are delighted to have an opportunity to invest in engineering education for the 21st century. We hope that generations of young people will benefit from the interdisciplinary approach which is a cornerstone of this cutting-edge development. Most importantly, we are confident that the graduates will be better equipped to continue making an impact on Ireland and the world."

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### Naughton Institute – CRANN and nanoscience

In 2008, The Naughton Institute, a state-of-the-art nanoscience facility was opened to build on Trinity's strength in the area of nanoscience and establish Ireland as a world leader in one of the most important fields of innovation.

Today, Ireland is ranked sixth in the world for nanotechnology and the Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN) brings together over 300 researchers across multiple disciplines.



### Science Gallery Dublin

Science Gallery at Trinity College Dublin opened its doors ten years ago with a vision which was a world first – to be a space where science and art collide. In response to a continual decline in the number of students, particularly within the 15-25 age bracket, engaging with STEM subjects, Science Gallery Dublin has transformed how visitors engage, question and learn about some of the most pressing global scientific challenges facing us all today.

Over 3 million people have visited the gallery making it one of Ireland's leading free attractions. The Science Gallery model is being replicated and is opening in over eight major international cities, starting with the King's College campus in London with plans for Bengaluru, Detroit, Melbourne and Venice underway.

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### The Naughton Foundation

The Naughton Foundation was established by Martin and Carmel Naughton in 1994. Its goal is to support worthwhile causes in the arts and education.

Encouraging the study of science, maths and engineering is a mission for the Naughtons. In 2008, the Foundation created a scholarship programme to increase their support for Leaving Certificate students who would like to study engineering, mathematics, science and technology at third level in Ireland. To date 240 young people from all counties in the Republic of Ireland have benefitted from Naughton Scholarships which open access to higher education. It is the Naughton's investment in contributing to Ireland's reputation as a country with outstanding graduates.





### Ailbhe Gavin

"Being a Naughton scholar made me part of a network of people with similar interests and enthusiasm for the STEM subjects. The Naughton Scholarship allowed me to make the most of my undergraduate studies and provided a number of opportunities to learn more about where a degree in a STEM subject could lead."



### Luke Fehily

"The Naughton Family has brought together a diverse group of vibrant, companionable individuals and made them into a community. Together we have been exposed to ideas, discourse, and general experiences that have greatly shaped my college life. This positive community spirit motivates me to both excel in my field and collaborate with other like-minded people. And, just as importantly, it reminds me that we can have tremendous fun along the way."



### Sophie Cairns

"Personally, I feel the Naughtons' support has been the most significant positive influence on my university experience."

**Left, left:** (Back L-R) Fergal Naughton, Neil Naughton (Seated L-R) Fiona Naughton, Rachael Naughton, Deirdre Naughton.

**Left, right:** Naughton Scholars with Martin and Carmel Naughton outside the Naughton Institute.

**Above, left:** Carmel Naughton, Martin Naughton and Sr Maire Hickey, Mother Abbess at Kylemore Abbey, Co Galway.

**Above, right:** Pep Rally on Front Square for the 2012 Emerald Isle Classic (Notre Dame v Navy Football) in the Aviva Stadium.

### **Martin Naughton and Irish America**

One of Martin's passions has always been the US and in particular Irish America. He has long championed the American 'can do' attitude in business and he encouraged his children to get their postgraduate degrees in the US. As a trustee he has also enjoyed a long relationship with the University of Notre Dame, a 160-year-old Catholic university in Indiana, which proudly champions its 'fighting Irish' roots through College football.

He was instrumental in bringing Notre Dame and college football to Ireland first in 1996 and again in 2012 along with 35,000 American fans for a big game which he saw as a key opportunity to welcome home the Irish diaspora and allow Ireland to put its best foot forward. It was at one of these games he met Don Keough, an Irish-American businessman who was formerly Head of Coca-Cola. Together they established the Keough-Naughton Institute for Irish Studies on Merrion Square in Dublin, a teaching-and-research institute within Notre Dame's Keough School of Global Affairs dedicated to the study and understanding of Irish culture—in Ireland and around the world. Since 1993, 2,500 students have passed through Notre Dame's Irish studies programme.

In 2016, with the support of Martin Naughton, Notre Dame opened a new education and retreat centre at Kylemore Abbey in Connemara under a new partnership with the Benedictine nuns who own the abbey. The centre advances the shared spiritual, cultural and educational missions of both institutions. Each year the Kylemore programme brings Irish and international students and other groups together as an academic community in the unique and beautiful setting of Connemara.



# Arts, Humanities and Social Sciences



## Ryanair Foundation Funds Business School Professor of Entrepreneurship

Ryanair launched a new partnership with the Trinity Business School to support the position of Ryanair Professor of Entrepreneurship. The new professorship will drive and direct entrepreneurship and innovation at the Business School and across the University. The fund is sponsored by the Ryanair Foundation to the value of €1.5 million over five years. Trinity Business School is currently one of the fastest growing business schools in Europe, and is recruiting leading academics and investing €80 million in a new state-of-the-art building at the heart of Dublin city.

**Above left, L-R:** Pictured at the announcement of Ryanair's partnership with Trinity Business School (L-R) Alannah Higgins, Trinity Business School student; Dr Patrick Prendergast, Provost; Neil Sorahan, Ryanair CFO; and Annie Gorman, Trinity Business School student.

**Above right:** Conservator Clodagh Neligan with Kress Fellow Lauren Buttle treating TCD MS 1658, a legal text relating to property in Saqqara. It dates to 59/8 BC and is believed to have been written by a well-known Memphite scribe, Pachrates son of Harsiesis.

**Right:** Kress Fellow Lauren Buttle treating TCD MS 1664, an Egyptian Book of the Dead attributed to Te-saf daughter of Ta-per. This funerary text contains a canon of spells and instructions to assist the deceased's soul on the journey into the afterlife.

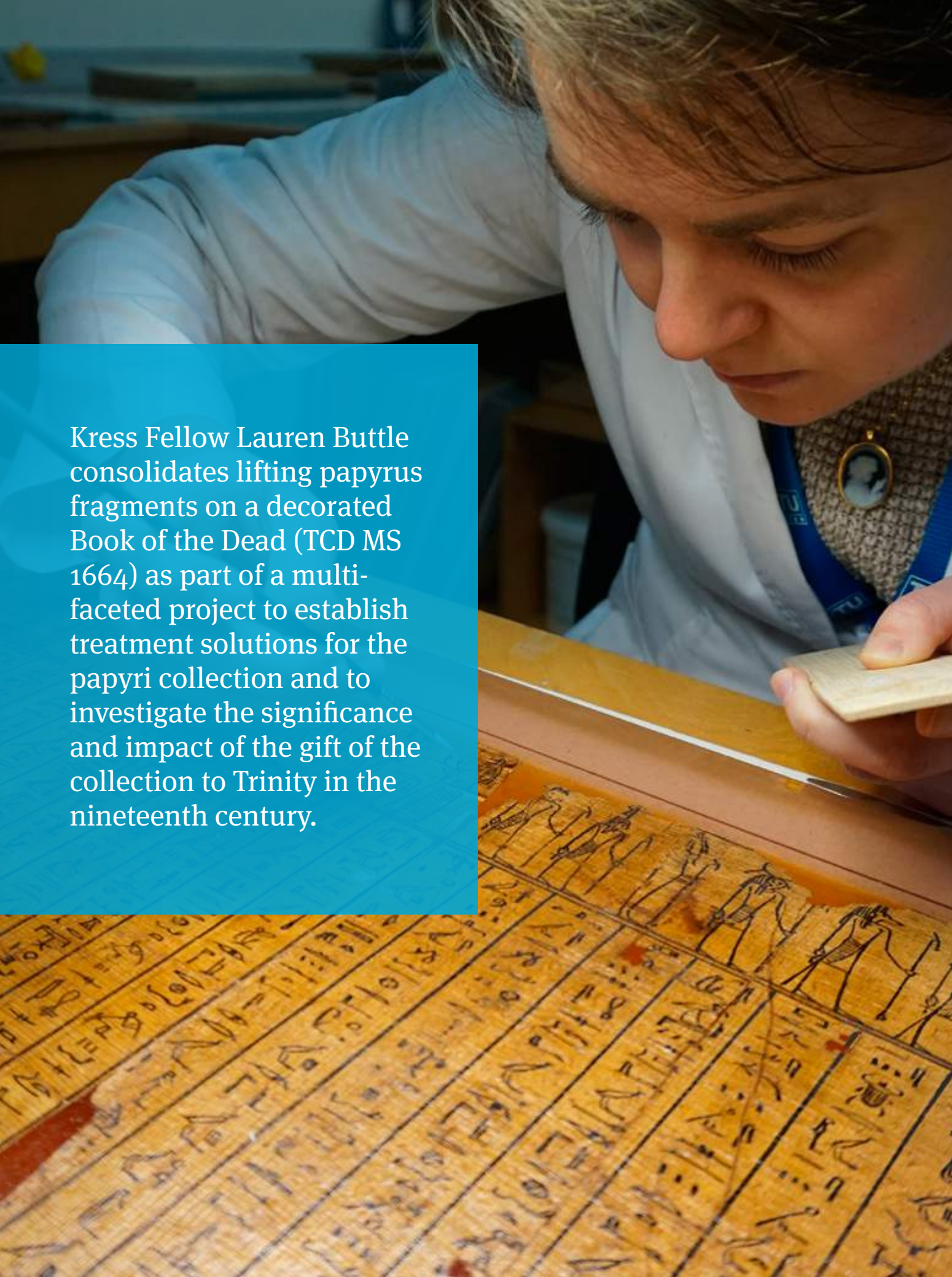


## Conservation of the Ancient Papyri Collection at Trinity College Library

The Samuel H. Kress Foundation Conservation Fellowship was awarded to Trinity to fund a ten-month placement in the Conservation Department of the Library of Trinity College Dublin. Lauren Buttle was appointed to conserve and rehouse some of the visually impressive papyri including *Books of the Dead*, *Mythologies* and legal documents (TCD MSS 1658-1676) from the collection donated in 1838 by Edward King, viscount of Kingsborough to the Library.

## Trinity Alumni Spring Week Internship Bursary

The Trinity Alumni Spring Week Internship Bursary is supported by Tadhg Flood, MD Deutsche Bank UK, and Ken Ryan, MD Riverstone Holdings. This initiative aims to support talented Senior Fresh students of any discipline who secure spring week internships with leading investment banks and law firms in London city.

A close-up photograph of a woman with brown hair, wearing a light blue lab coat over a patterned top and a blue lanyard with a circular pendant. She is focused on her work, using a small, flat wooden tool to lift a fragment from a large, aged papyrus manuscript. The manuscript is laid flat on a wooden surface and features several columns of hieroglyphs and stylized human figures. The background is slightly blurred, showing a workshop or laboratory setting.

Kress Fellow Lauren Buttle consolidates lifting papyrus fragments on a decorated Book of the Dead (TCD MS 1664) as part of a multi-faceted project to establish treatment solutions for the papyri collection and to investigate the significance and impact of the gift of the collection to Trinity in the nineteenth century.





“I cannot think of a better investment in our future than supporting our bright young passionate Australians with an opportunity to live, study and undertake work experience in countries overseas, not least in Trinity College.”

— Sir Peter Cosgrove

### **€200,000 Scholarship Fund for Australian Students to Study on the Trinity MBA**

His Excellency Governor General of Australia, Sir Peter Cosgrove, during his visit to Trinity in September, announced the launch of a new partnership between The Ireland Funds Australia and Trinity Business School. The partnership will explore innovative ways to collaborate on education focused on building connections between Australia and Ireland.

Sir Peter Cosgrove said, “It is particularly fitting that this scholarship focuses on the MBA programme given the business links between our two countries. It is not only a valuable thing, it is a powerful thing, the notion of these scholarships. I cannot think of a better investment in our future than supporting our bright young passionate Australians with an opportunity to live, study and undertake work experience in countries overseas, not least in Trinity College.”

**Above:** (Seated) Michael Flynn, Director of the Trinity MBA; Caitriona Fottrell, Vice President and Director of The Ireland Funds (Back) Richard Andrews, Australian Ambassador to Ireland; Sir Peter Cosgrove, Governor General of Australia; Prof Gerard McHugh, Dean of Development, Trinity Development & Alumni.



### Frank O'Connor Research Fellowship

Harriet O'Donovan is the daughter of the Irish writer, Frank O'Connor, best known for his short stories and memoirs. Harriet has supported the creation of the Frank O'Connor Research Fellowship in the School of English, in honour of her father. The Fellowship is intended to promote scholarship and criticism related to the works and life of Frank O'Connor, who also taught in Trinity and was awarded a D.Litt. in 1962. The Frank O'Connor Research Fellowship is currently held by Dr Hilary Lennon.

### Sean H. & Sarah W. Reynolds Room in the Long Room Hub

Sean Reynolds and his wife Sarah are supporters of the Trinity Long Room Hub, the institute for arts and humanities at Trinity. Sean and Sarah specifically support the Hub's International Visiting Research Fellowship programme, which is designed to strengthen Trinity's global connections in the arts and humanities by bringing renowned public intellectuals and scholars to the Hub for short-term, high-impact residencies. Sean is also a member of Trinity's North America Advisory Board and has been an active and engaged member of the Trinity community for over three decades.

### TAP Pathways to Law

The Trinity Access Programmes "Pathways to Law" initiative which began in 2010, has been developed in partnership with the School of Law in Trinity and aims to inspire students from under-represented groups who are interested in the law, to give them the confidence, knowledge and tools to maximise their potential. It is supported by A&L Goodbody, Arthur Cox, Mason Hayes and Curran, Matheson and William Fry. The programme welcomed two new partners on board this year, McCann FitzGerald and Linklaters, solicitors based in Dublin and London respectively. One of the highlights of the year was welcoming Lord Kerr of the UK Supreme Court to Trinity, who came to speak to the Pathways to Law students.

**Above left, top:** Sean H. & Sarah W. Reynolds.

**Above left, bottom:** Harriet O'Donovan.

**Above right:** Pathways to Law Summer School 2017.



# Engineering, Mathematics and Science

## Science Gallery London to Open in King's College London

In 2008, a forgotten corner of Trinity College Dublin was transformed into a living experiment called Science Gallery Dublin. Since its opening, more than three million visitors to the gallery have experienced more than forty unique exhibitions ranging from design and violence to light and love, and from contagion and bio-mimicry to the future of the human species and the future of play.

In 2012, due to the success of Science Gallery Dublin, Science Gallery International was founded with the goal of establishing a Global Science Gallery Network with eight nodes by 2020. Galleries are currently in development at King's College London (opening in 2018), the University of Melbourne, the Indian Institute of Science, and Ca' Foscari University of Venice, with a Science Gallery Lab at Michigan State University (Detroit) and expansion of Labs into Latin America and Africa planned by 2020.


## Professor John Byrne Legacy

Professor John Gabriel Byrne sadly passed away in April 2016. He has left a significant legacy to Trinity to support students of engineering and computer science through the Student Hardship Fund. In his five decades at Trinity College Dublin, during most of which he was head of its Computer Science Department, he established many new courses and fostered leading-edge research, while lobbying and campaigning to make the nascent Irish software industry a priority for the government and its agencies. Professor Byrne was born in Dublin in 1933, and educated in Belvedere College before entering Trinity in 1951. Having graduated in engineering in 1956, he then studied in Birmingham and in Imperial College London. He started his Ph.D. under Professor William Wright in Trinity College Engineering School, finding mathematically complex solutions for torsional stresses in hollow reinforced concrete beams.



**Left:** Artist's impression of the Science Gallery at King's College London, opening in 2018.

**Right, L-R:** Prof William Wright, former Head of Engineering (left) with Provost AJ McConnell; Prof John Byrne; Rosemary Welsh and Brian Lenihan TD (seated).



Professor John Gabriel Byrne, a man who founded and led Trinity's department of computer science from its foundation and beyond and the man who was largely responsible for propelling Trinity and Ireland to its world-leading position in the computing industry.



### William Campbell Lectureship

Nobel laureate and Trinity alumnus, Professor William Campbell made a donation to Zoology from his Nobel Prize fund. Trinity used this donation to establish the W. C. Campbell Moderatorship Prize, Undergraduate Research Prize, and Postgraduate Teaching Inspiration Award. Undergraduate James Orr won the first two prizes, and Ph.D. candidate, Maureen Williams, the latter.

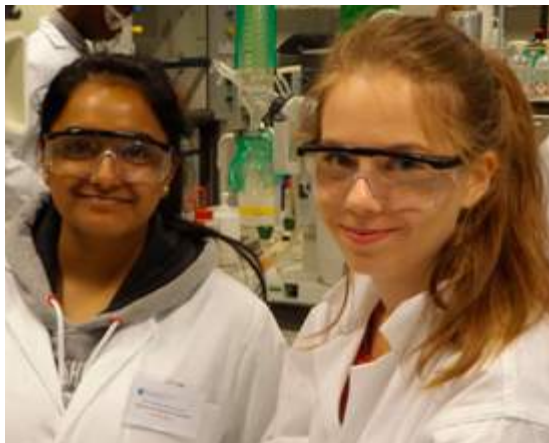
James Orr is to start a Ph.D. in Trinity with a focus on parasite biology next year. He said: "It's a real privilege to be awarded these prizes. Meeting Professor Campbell was an inspiring and motivating experience that I will never forget."

**"It's a real privilege to be awarded these prizes. Meeting Professor Campbell was an inspiring and motivating experience that I will never forget."**

— James Orr, Ph.D. Student

**Above:** Professor William C Campbell and James Orr in the Zoology Museum.





### Chemistry Summer School

The twelfth week-long annual Chemistry Summer School took place in July. The summer school is run in conjunction with the Trinity Access Programmes and is aimed at transition and fifth year second-level students who engage in a unique experience in the laboratories of the School of Chemistry.

There were 16 enthusiastic participants and by the end of the week they were all skilled at titrations, reactions under reflux, solvent extraction, vacuum evaporation and running infra-red spectra. John Donoghue and colleagues presented a murder mystery, solved by spectroscopic methods using the SIAS kit, Aoife Lucent gave a well-received lecture/demonstration on renewable energy and Ph.D. student Jessica O'Brien, herself a graduate of the 2008 Summer School, played a pivotal role in the laboratory.

The programme is made possible by the generous support of Dr Beate Schuler. Dr Schuler is a member of the Provost's Council – a network of leading Trinity supporters who act as advisors to the University.

**Above:** Students pictured at the twelfth annual Chemistry Summer School.



### Stanley Elliott Prize

The Stanley Elliott prize was established in 2017 as a result of a gift from Lesley, Susan and Barbara, daughters of the late Stanley Elliott, a Trinity civil engineering graduate. This prize is awarded annually to a Senior Sophister Civil, Structural and Environmental Engineering student.

Stanley Elliott graduated in engineering from Trinity in 1948 and had a distinguished career at Scott Wilson Kirkpatrick & Co. He spent a large part of his career in Hong Kong, where he led a range of major projects such as the Kowloon Tunnel and Hong Kong Airport. He retired to Australia, where his three daughters now live.

The prize was awarded to Laura Byrne for the best internship project and several members of the Elliott family were in attendance to see the presentation of the award.

"After being awarded the Stanley Elliott Prize I felt that all my hard work had paid off and been recognised. It also further motivated me for the following academic year and I was delighted to be the first ever winner of the award," said Laura Byrne.

**Above:** Members of the Elliot family pictured with Laura Byrne, winner of the Stanley Elliott prize.



# Health Sciences



## The Irish Longitudinal Study on Ageing (TILDA)

Established in 2006 for an initial ten-year period with funding of €29 million from the Department of Health, The Atlantic Philanthropies and Irish Life, The Irish Longitudinal Study on Ageing (TILDA) at Trinity College Dublin has become the ageing laboratory for generating and analysing data to impact policy and inform all the ageing research domains. As a national longitudinal study of over 8,000 people aged 50 and over in Ireland, it has laid the foundation for an enormous body of research in Trinity and other Irish institutions, generating insight and discovering solutions as Ireland and the world faces the challenge of an ageing population. TILDA is harmonized to 13 international longitudinal studies.

To continue this research over the next five years, TILDA was recently awarded continued funding with a grant of €10 million from the Department of Health and €5 million from The Atlantic Philanthropies with continued support from Irish Life. This new round of funding will enable TILDA to strengthen its national and international reputation as a highly valuable longitudinal study on ageing.

**Above left, L-R:** Professor Rose Anne Kenny, TILDA Principal Investigator, with David Harney, Chief Executive, Irish Life Group, at launch of the report 'Income Adequacy and Quality of Life in Older Age'.



## Iris O'Brien Clinical Lecturer in Neurology

Dr Peter Bede, Iris O'Brien Clinical Lecturer in Neurology and Theme Leader of The Quantitative Neuroimaging Group at the Academic Unit of Neurology, studies brain imaging (MRI) in Neurodegenerative conditions. His work is supported by The Iris O'Brien Foundation, one of the goals of which is support for the advancement of education.

The aim of Peter's work is to develop non-invasive imaging modalities into accurate diagnostic, prognostic and monitoring biomarkers. The findings will have implications for diagnostic applications, clinical management, pharmaceutical trials, and characterising anatomical patterns of pathological spread in neurodegeneration.

Dr Bede recently received a prestigious Health Research Board (HRB) Emerging Investigator Awards, which are designed to enable researchers at the mid stage of their career to shift gear to become independent investigators.

**Above right, L-R:** Professor Orla Hardiman, who leads Academic Unit of Neurology, and Dr Peter Bede.

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The findings will have implications for diagnostic applications, clinical management, pharmaceutical trials, and characterising anatomical patterns of pathological spread in neurodegeneration.



Nuala Wade, B.A. (1980), with support from her community, held a fundraising event in memory of her twin sister, Sheela Ramsey, who died of cancer. The funds will be donated to the cancer research team at Trinity and to the hospice who helped care for her sister.

**Above, L-R:** Seamus Martin, Smurfit Professor of Medical Genetics, Nuala Wade and her husband Maurice Wade.

## Alumni Appeal Funds for Cancer Immunology Research

Two major research strengths within Trinity are immunology and cancer, as identified by an independent external peer review process. This process highlighted the largely untapped potential benefits of greater collaboration of both themes, particularly in the growing area of cancer immunology and immunotherapy. Arising from this recommendation and with the funds of the Alumni Appeal, the Trinity St James's Cancer Institute announced Cancer Immunology Stimulus Awards to foster and develop new research collaborations across the disciplines of cancer and immunology. This programme aims to foster new avenues of cancer immunology research and generate impactful data to leverage significant external funding. Awards in the amount of €5,000 and €10,000 will be made by an external panel of experts as part of the competitive application process. It is expected that development of cancer immunology, as part of the Trinity St James's Cancer Institute, will empower Trinity scientists and clinicians to discover immunotherapies for the ultimate benefit of cancer patients.

The Trinity St. James's Cancer Institute aims to consolidate cancer activities in Ireland in a dedicated facility in the next 5-7 years. The Institute will transform cancer care integrating medicine and science with the goal of enhancing patient outcomes in cancer prevention, treatment and survivorship.





## Atlantic Fellows for Equity in Brain Health at The Global Brain Health Institute

The brightest minds committed to tackling dementia internationally have been accepted as Atlantic Fellows for Equity in Brain Health at the Global Brain Health Institute (GBHI), a leadership training programme for practitioners, advocates, and key stakeholders in the shared fight against dementia.

In September 2017 the second cohort of 24 exceptional Fellows from around the globe joined the programme. They are now working together across the Trinity College Dublin and University of California, San Francisco (UCSF) sites to build their knowledge and skills to lead in the global effort to reduce the scale and impact of dementia.

2017 Atlantic Fellows from Belgium, Brazil, China, Colombia, Egypt, Jordan, Malaysia, Mexico, Nigeria, Northern Ireland, Scotland, Taiwan, Turkey, USA, who started their training at Trinity this September, represent an impressive group with expertise in a variety of areas from cognition to the arts and public policy and a rich international experience. Upon graduation, Atlantic Fellows return to their home regions as members of a global network to drive a common mission to advance brain health and to reduce the scale and impact of dementia.



## Professor Donald Weir Supports a TAP Medical Student

Professor Donald G. Weir, M.B., B.Ch., B.A.O. (1958), M.D., F.T.C.D., F.R.C.P.I., F.R.C.P., F.A.C.P., a dedicated Trinity academic, caring clinician, a scientist of international renown, has been generously supporting Trinity and St James's Hospital, Trinity's teaching hospital, for many years. Professor Donald Weir, together with the late Professor John Scott, a Trinity biochemist, determined the importance of folic acid with regard to spina bifida, which changed public health policy in the US and around the world.

Among other projects, Professor Weir is supporting a medical Trinity Access Programmes (TAP) student, Marianne Foley. Originally from Kerry, Marianne is in the second year of medicine in Trinity. She completed her first leaving certificate in 2013 and then studied radiography in UCD. Having completed a year, she decided to withdraw due to financial constraints. In September 2015 she made the decision to repeat the leaving cert at 21 and to pursue medicine, which she had always yearned for.

"I am so grateful to Professor Weir and TAP for the opportunity and I endeavor to make the most of it. I hope to spread the message of education and inoculating young people with the desire to become educated, who like me, once believed that third level education was unattainable – a myth."



## The John Kirker Memorial Lecture in Epilepsy

In September Gregory D. Cascino, M.D., Whitney MacMillan, Jr., Professor of Neuroscience at the Mayo Clinic College of Medicine and the Enterprise Director of Epilepsy at Mayo Clinic delivered the 2017 Kirker Memorial Lecture. The lecture "Challenges and Controversies in the Management of Drug-Resistant Epilepsy" was part of the meeting of the Irish Chapter of the International League against Epilepsy and Trinity Academic Neurology Programme.

Professor Cascino's lecture is one of a series of public lectures, the Kirker Memorial Lectures, named in honour of the pioneering epileptologist Dr John Kirker (1922-2011). Dr Kirker was a Trinity graduate and consultant neurologist in the Sir Patrick Dun and Beaumont Hospitals. He was a founder of the Irish Epilepsy Association (now Brainwave), and was instrumental in the development of proper clinical services for people with epilepsy in Ireland, including instituting and managing the first electroencephalographic (EEG) equipment in the country.

Dr Kirker cared deeply about Trinity and its reputation throughout his life. He left a bequest to fund an annual lecture in epilepsy, aiming to inspire interest in the study of this condition.

**Above left:** 2017 Atlantic Fellows starting their training at the Global Brain Health Institute.

**Above middle:** Professor Donald Weir and Marianne Foley.

**Above right, L-R:** Dr Daniel Costello, Consultant Neurologist, Cork University Hospital; Dr Colin Doherty, Consultant Neurologist, St James's Hospital, Dublin; Dr Gregory Cascino, Mayo Clinic, USA.



# Scholarship Support Empowers Learning



## Henry Grattan Scholars

The School of Social Sciences and Philosophy's prestigious scholarship programme – The Grattan Scholars – aims to advance high-quality social science research and teaching in Trinity. Scholarships are awarded to Ph.D. students of outstanding talent from around the world, with sixteen scholarships awarded since the programme was established in 2012.

“During my Ph.D. studies, I have had fantastic experiences that would not have been possible without the prestigious Grattan scholarship”

— Yannick Trimmer, Grattan Scholar

“During my Ph.D. studies, I have had fantastic experiences that would not have been possible without the prestigious Grattan scholarship. I always benefitted from very enriching exchanges with my donors and other Grattan scholars. The support of the funders also enabled me to be a visiting researcher at the Deutsche Bundesbank in Frankfurt. During my stay in Frankfurt, I wrote my first Ph.D. paper on the “Cyclical Investment Behaviour across Financial Institutions”. The paper has been awarded the best paper prize on “capital markets and their functioning” by the European Capital Markets Institute and has now been accepted for publication at the Journal of Financial Economics.

Besides my experience at the Deutsche Bundesbank, I have been summer intern and visiting scholar at the International Monetary Fund (IMF), where I have been working on the interaction between financial frictions and the recent productivity slowdown. Together with my co-authors, I have published an IMF working-paper that has been widely covered by various media sources, such as the Wall Street Journal and Bloomberg.

Due to the support of the Grattan Scholarship, I also had the chance to spend some time as a visiting Ph.D. student at Princeton University, where I worked with leading scholars in the field of Financial Economics.”



### The Hyman Tarlo Scholarship in Law

The Hyman Tarlo Scholarship in Law is generously sponsored by Mrs Ruth Tarlo in memory of her late husband, Professor Hyman Tarlo. Professor Tarlo was a law student in Trinity during the 1940s. He was elected a scholar of the University and was also Auditor of the student Law Society. He practised as a solicitor in Ireland for several years before moving with his wife, also a Trinity graduate, to Australia to take up a position as Senior Lecturer at the Law School in Canberra, then associated with Melbourne University before becoming part of the Australian National University.

2016/17 Hyman Tarlo Scholarship recipient, Amy Stone is a town planner and solicitor from Newcastle, NSW: "The LL.M programme at Trinity provided me with the opportunity to learn from some of the best legal minds at a world-renowned university. Taking classes with a cohort of international students has given me a unique insight into other legal jurisdictions. I've also made life-long friends. For me the scholarship presented a once in a lifetime opportunity and I'm so glad I took the chance to apply."



### Hamilton Scholars in the School of Mathematics

The Hamilton Scholars programme, which honours the Irish mathematician William Rowan Hamilton, a celebrated graduate of Trinity, has been established with the generous support of Trinity's alumni and friends. The appointed scholar is Nicolas Aido. Nicolas has a B.A. in Mathematics and Economics from the University of Ghana and a M.Sc. in Mathematical Sciences from the Norwegian University of Science and Technology, Trondheim.

"The Ph.D. programme at Trinity has allowed me to further my studies in the analysis of functions of several complex variables. I am also learning techniques in algebraic geometry and commutative algebra, which will give me a unique research edge upon finishing my Ph.D.

The Hamilton Scholarship has not only given me the opportunity to finance my education but also to take a significant step towards achieving my career goal of becoming a mathematics professor. As a native of Ghana, it is a pleasure to add my cultural heritage to enriching the international fabric at Trinity and to immerse myself in Irish culture."



### Carrick Therapeutics Ph.D. Scholarship

Carrick Therapeutics has provided Ph.D. funding for Niamh McNamee to undertake a project 'Investigational Drugs and Extracellular Vesicles in Breast Cancer'. She is working under the supervision of Professor Lorraine O'Driscoll at the School of Pharmacy & Pharmaceutical Science in Trinity.

"I have just started my Ph.D in the area of cancer research in the Trinity Biomedical Sciences Institute (TBSI). I am extremely grateful for Carrick's support. Thanks to the funding that I receive from Carrick I have all I need to carry out my work in the lab. I am really excited about my research."

**Left:** Yannick Trimmer presenting his award-winning paper at the ECMI conference in Brussels.

**Above left, L-R:** Prof Blanaid Clarke, McCann Fitzgerald Chair of Corporate Law, Ruth Tarlo and Amy Stone, 2016-17 Hyman Tarlo Scholarship recipient.

**Above middle:** Nicholas Aido, Hamilton Scholar 2016-17.

**Above right:** Niamh McNamee, Carrick Therapeutics Scholar 2016-17.

# Get Involved with Trinity

- Alumni and Friends support Trinity by giving their valuable time and expertise to help the University and its students. This year the alumni-to-student mentoring programme expanded to include over 1,000 students directly benefiting from mentorships offered by nearly 400 generous alumni mentors.

Students gain enormous insights and support from this exposure to their alumni network and it is also vital for improving their confidence and employability potential after they graduate. A new online mentoring programme will be launched in 2018 to allow for even greater access to mentoring for both students and alumni.



## 1,000

STUDENTS PARTICIPATING  
IN MENTORING  
PROGRAMMES

### **Katilin Fox** **President of Foresight** **Business Group**

"As President of Foresight Business Group, networking and mentoring have always been something I have engaged with in Trinity. I think it is so important to take every opportunity that one comes up against during our undergraduate years."

### **Andy McLoughlin** **3rd year Philosophy, Political** **Science, Economics and** **Sociology student**

"The Meet a Mentor event was an excellent opportunity to learn not just about entry routes into professions I might be interested in, but also what the state of those professions is right now, and whether the image I have in my head matches up to reality."



## 376

ALUMNI MENTORS

### **Daniel O'Callaghan** **2012 Economics and** **Political Science Graduate**

"The Alumni-to-Student Mentoring programme provides graduates with an excellent opportunity to give something back to the Trinity community. I found that the process was mutually beneficial and I valued the opportunity to share my experiences and advice with students from a variety of backgrounds."

### **Jane Lanigan** **2005 Business and Economics** **Graduate and Mentor**

"The Mentoring Breakfast was an excellent opportunity to connect current students and graduates in an informal environment. The format was excellent and was as useful for the mentors as the students – it's important for mentors to keep in tune with what students are experiencing and great for us as mentors to give back to education."

# Connect with Trinity Alumni Community Globally



USA

## **Volunteer, New York Networking Event 2017 Feargall Kenny (1994)**

"I do a lot of functionally-specific and industry-specific networking for my day job but I love the broad, varied and sometimes random new connections that I make at Trinity New York events while also getting the chance to catch up with old acquaintances and classmates. Shared nostalgia from Trinity is a powerful bonding medium. We organised a Trinity panel discussion around effective networking and, as a case in point, a recent graduate secured a job directly from that event through another alumna. Their shared connection: they both studied law at Trinity and discovered they had friends in common."

DENMARK

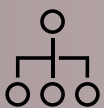
## **Branch Chairperson, Copenhagen Branch Carolyn Rutherford (2008)**

"Being branch chairperson has been a way for me to feel more at home in Copenhagen and yet still feel connected to my home in Ireland. I think this duality of home is a common struggle for those living abroad. Growing the alumni network has been a fantastic opportunity to create a platform for people to meet each other. Despite professional diversity, we all have Trinity in common and have chosen to call Denmark home. Being part of the Trinity Global Alumni Network has brought me valuable connections and opportunities."

AUSTRALIA

## **International Welcome Programme Mentor, Sydney Dylan Carroll (2001)**

"The reason I got involved with the International Welcome Programme is the close connection we all share having attended Trinity and a feeling there are certain hoops we all jump through when we first arrive in Australia which are common to all. This could be as basic as help with where to live in Sydney or looking for some work experience. Much of mentoring is imparting information, but I have also enjoyed meeting students and discussing their aspirations."



# 76

BRANCHES WORLDWIDE



# 1,046

VOLUNTEERS



# 34

INTERNATIONAL  
WELCOME MENTORS





# Trinity Alumni Room

Trinity's Alumni Room provides an exclusive and welcoming space for visiting Trinity alumni and their guests to relax, work, meet other alumni and friends and catch up with the latest developments at the University. The room was made possible by the generosity of two alumni donors.

Located in the heart of Dublin city in Trinity's Front Square, the room features a welcoming reception, a stylish lounge area, and a bookable meeting room.

## Facilities include:

- Free Wi-Fi access
- Complimentary tea & coffee
- Bookable meeting room, including conference, screen facilities, with capacity for up to eight people
- Bookable lounge area with capacity for up to 20 people
- Newspapers and magazines
- Maps and information about the University

## Opening:

Mon – Fri from 09.00 to 17.00, excluding bank holidays and University closure days.

Late openings for meetings / special events can be arranged by contacting:

## Trinity Development & Alumni

[alumni@tcd.ie](mailto:alumni@tcd.ie)

+353 1 896 2088

# Trinity Affinity Card. You get, we give.

Trinity staff or alumni can get a unique credit card and we give back to Trinity every time they make a purchase with their card. These funds are used by the TCD Association and Trust to support a range of Trinity student and staff projects.



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For small steps, for big steps, for life

# Trinity Remembers its Benefactors

Two Trinity benefactors – Dr Peter Sutherland and Grania Guinness, the Dowager Marchioness of Normanby – who supported the University so generously have sadly passed away this year. We wish to extend our deepest sympathies to their families. Their memory will continue living in the minds and hearts of the Trinity community through the initiatives generously supported by them.



**Peter Sutherland**

1946–2018

During his long and distinguished career, Peter Sutherland held many influential senior positions such as chairman of Goldman Sachs International, Attorney General of Ireland, European Commissioner responsible for Competition Policy, and United Nations Special Representative for Migration and Development. He spearheaded the education initiative, now known as the Erasmus Exchange Programme, over 30 years ago while he was European Commissioner for education. Dr Sutherland was a generous benefactor to the University, most notably for the creation of the Sutherland Centre, as a leading research institute for the social sciences in addition to funding of a Grattan Scholarship in Migration.



**Grania Guinness**

1920–2018

Grania Guinness, the Dowager Marchioness of Normanby, who died aged 97 at her Yorkshire home, was the benefactress of the Moyne Institute of Preventive Medicine over seven decades. The Moyne Institute was presented by the Marchioness of Normanby in memory of her father, Walter Edward Guinness, Baron Moyne, in 1953, and she and her family continued to fund major extensions to the research space. She was proud of the Moyne Institute's achievements. The Marchioness of Normanby was pro-chancellor of the University from 1985 to 1995.

*Semper honos nomenqve tvvm  
lavdesqve manebvnt*

Your name, honour and praise  
shall always remain



# Highlights 2016–2017



**101,442**

ALUMNI IN THE TRINITY  
GLOBAL NETWORK



**52,694**

ALUMNI RECEIVING  
INFORMATION BY EMAIL



**17**

CORPORATE DONORS  
TO TAP (TRINITY ACCESS  
PROGRAMMES)



**1,04**

VOLUNTEERS



**376**

ALUMNI



**6,4**

CONVERTED  
ALUMNI  
CAMPAIGN

# Supporting Trinity

You are part of a great Trinity success story.

By donating to Trinity you allow young people to pursue their dreams, fulfil their potential and enable the University to maintain its world-class reputation. By supporting new programmes and scholarships you have a positive impact on the present and future of this unique University.

We would be delighted to talk to you about any aspect of supporting Trinity — from medals and scholarships for students which reward excellence, to support for students from disadvantaged areas, to the naming of buildings and classrooms or leaving a gift in your will.

If you would like to learn more about becoming part of the proud history of philanthropy at Trinity please contact Kate Bond, Director of Advancement

**[kate.bond@tcd.ie](mailto:kate.bond@tcd.ie)**, tel: **+353 1 896 4572**

**Trinity Development & Alumni,  
East Chapel, Trinity College,  
Dublin 2, Ireland.**

**+353 1 896 2088**

If you are interested in making a gift, volunteering or supporting any of the projects outlined please email **[alumni@tcd.ie](mailto:alumni@tcd.ie)**

# Highlights 2016–2017



**101,442**

ALUMNI IN THE TRINITY  
GLOBAL NETWORK



**1,046**

VOLUNTEERS



**3,068**

ALUMNI DONORS



**52,694**

ALUMNI RECEIVING  
INFORMATION BY EMAIL



**376**

ALUMNI MENTORS



**1,155**

DONORS TO TAP (TRINITY  
ACCESS PROGRAMMES)



**17**

CORPORATE DONORS  
TO TAP (TRINITY ACCESS  
PROGRAMMES)



**6,409**

CONVERSATIONS WITH  
ALUMNI IN THE PHONE  
CAMPAIGN



**58**

COUNTRIES REPRESENTED  
BY OUR DONORS AND  
VOLUNTEERS





# Thank you



**Trinity College Dublin**  
Coláiste na Tríonóide, Baile Átha Cliath  
The University of Dublin