

SUMMER 2019

UCD today



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forgotten sketches to the fore

This year's CAO figures confirm UCD's leadership position in Ireland



EILIS O'BRIEN
Director of Communication
and Marketing

At the closing date for CAO applications on 1 July, UCD had received 8,475 first preferences and retained our position as university-of-first-choice in Ireland with 12% of the total applications. Across all applications to UCD, 37% placed UCD as their first preference.

While this performance is testament to the strength of our degree offerings and of our programme of communication with prospective students and their advisers, the figures show a fall in number and in market share since our all-time high of 13.6% in 2014 when first preferences exceeded 9,000.

There are a number of factors contributing to this trend. Increased competition from other Irish colleges is one, in terms of marketing and number of course entry routes – which have increased from 921 to 1,022 this year.

Over the past five years the general academic achievement level of our first-year entrants has continually risen and the average points for first year school-leaver entrants to UCD last year was 494. Less than 15% of all Leaving Certificate candidates attain points at this level and above. So, climbing points could be another factor as applicants self-deselect on the basis that they are not confident of attaining the required points.

As the economy uplifts, potential mature students opt to join or stay in the workforce. But, while the number of mature applicants is down nationally, the number of applicants overall is up so this does not significantly affect UCD figures.

Another possible contributory factor is student accommodation and the coming onstream of almost 1,000 new beds on campus next year is a welcome initiative in tackling this problem for us.

A look at the overall figures confirms that Engineering, Science and Computer Science continue their high-demand trajectory.

The other strong performances are in the revised suite of Social Sciences and Arts & Humanities degrees. Now in their second year, they are beginning to settle and bed-in and students are responding to the options and match their preferences to the different opportunities on offer. Across the four Social Sciences options, first preferences are up 15% on 2018 while Arts & Humanities held their own.

UCD thanks...

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Produced by: Eilis O'Brien, Mary Staunton

Design: Loman Cusack Design Ltd

Print: Fine Print

Thanks to: Diarmaid Ferriter, Pat Guiry, Ann Lavan, Damien McLoughlin, Regina Uí Chollatáin

In the compilation of this publication, every care has been taken to ensure accuracy. Any errors or omissions should be brought to the attention of UCD University Relations (ucdtoday@ucd.ie). We also welcome your suggestions for articles in future editions.

Cover image: UCD University Club opens



UCD University Club Opens

The UCD University Club opened its doors on Tuesday 7 May. UCD President, Professor Andrew Deeks cut the ribbon and was joined by members of the UMT and ELG for breakfast.

Membership is now open and costs €6.25 per month, which can be deducted from your pay (faculty and staff) or €75 per annum. You can apply online at www.ucd.ie/UniversityClub/. This founder member rate is available for five years.

The UCD University Club Café will be open 7:30am-6:00pm Monday-Friday and closed on Saturday and Sunday. No booking is required for the Café. The UCD University Club Restaurant will be open for lunch 12:30pm-2:30pm Monday-Friday and for dinner Wednesday-Saturday 6:00pm-9:00pm. Advance table bookings are recommended, call (01) 716 2630 to make a booking. (Bookings will require a membership number.)

The Members Lounge will be open between the first opening time each day and the latest closing time. The UCD University Club Bar will be open Monday-Tuesday 10.30am-8pm and Wednesday-Friday 10.30am-11.30pm.

In the weeks prior to opening, 900 faculty and staff, as well as 100 external visitors, enjoyed tours of the Club.

In addition to providing facilities for networking, engaging and socialising, the Club will combine with the existing facilities of UCD O'Reilly Hall to offer meeting and conference facilities for important internal and external events.



UCD President, Prof Andrew Deeks cutting the ribbon.

To facilitate planning, there are all-in price per head packages for each type of events, where the package includes room hire, set-up, AV facilities and catering. Depending on the size of the event, whichever room in the UCD University Club or O'Reilly Hall is suitable for the



Club customers enjoying the Café.

planned number of participants and is available may be booked.

The package rates have been priced to be competitive to rates available at similar venues in Dublin, and you can find them at www.ucd.ie/universityclub/conferenceandbanqueting/ratespackages/.

Professor Deeks said: "The UCD University Club is a much-requested and long-awaited addition to our facilities, and presents many opportunities for building our community and engaging externally."

Paul O'Rafferty (General Manager, UCD University Club) said: "Business has been brisk in the first few months since opening. My team and I look forward to welcoming everyone to the Club, for an event or simply to join us for coffee, lunch or dinner."

UCD hosts WUN 2019 AGM and Presidents' Forum

UCD President, Professor Andrew Deeks hosted the 2019 Worldwide Universities Network Annual Meetings and Presidents' Forum here at UCD in May. The Worldwide Universities Network (WUN) is a leading global higher education and research network made up of 23 universities, spanning 13 countries on six continents. Delegate universities were: University of Alberta, University of Auckland, University of Bergen, University of Bristol, University of Cape Town; University of Ghana, Chinese University of Hong Kong, University of Leeds, Maastricht University, University of Massachusetts Amherst, University of Nairobi, National Cheng Kung University, Renmin University of China, University of Rochester, University of Sheffield, University of Southampton, University of Sydney, Tecnológico de Monterrey, Universidade Federal de Minas Gerais, University of Western Australia, University of York and Zhejiang University.

This is the central event in the WUN calendar, drawing together colleagues from member universities for research workshops, policy discussions and business meetings to further advance the Network. The programme included academic workshops, special topic sessions and governance board dinners. Over 270 delegates attended the conference that was held in the excellent new facilities in the UCD University Club and UCD O'Reilly Hall.

This was the first year that there was also a student programme as part of the AGM. Student delegates from the partner universities ran their own programme on student mental health in the



UCD President, Prof Andrew Deeks addressing delegates at the Newman House reception.

UCD Student Centre, facilitated by outgoing Students' Union President, Barry Murphy. A series of workshops and talks took place and the students joined the Presidents' Forum on the last day of the conference to provide input on the panel. The Presidents' Forum itself explored 'Liberal Education for the 21st Century'.

As part of the programme delegates attended a reception in UCD Newman House, where they were introduced to the Museum of Literature Ireland by Museum Director, Simon O'Connor and academic partner, Professor Margaret Kelleher. They then attended a Gala Dinner in the Shelbourne Hotel. While on

campus, delegates took the opportunity to visit the National Folklore Collection, UCD Veterinary Hospital and the Insight Centre for Data Analytics.

UCD President, Professor Deeks said: "Delegates were very impressed with the facilities, the conference venues and the organisation, and complimented the University on our campus and our vision and ambition for the future. Overall, hosting this meeting was a great opportunity to raise knowledge and awareness of UCD amongst our WUN partners".



Frank with his partner and family at the Medal Presentation.

Celebrating Professor Frank McGuinness

150 colleagues, friends and family joined Professor Frank McGuinness on 24 April to celebrate his immense contribution to education and to Irish literature across his stellar career and to mark his retirement from UCD School of English, Drama and Film.

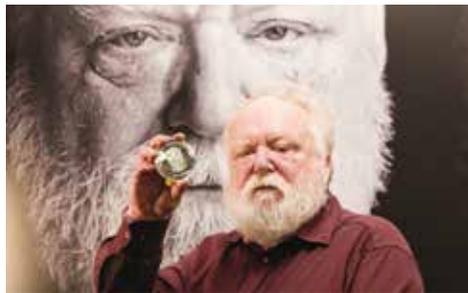
Frank McGuinness is a graduate of UCD where he studied what was then known as pure English, now Single Subject Major English. He then went on to complete an MA in Middle English on the middle Scots fabulist and tragedian Robert Henryson. Unusually Frank McGuinness has combined a career in academia with a vocation as a writer: his academic career has taken him to several Irish universities; he has been lecturer in University of Ulster Coleraine and Maynooth University. He joined UCD in 1997 as lecturer in English and creative writing and was subsequently appointed to the Chair in Creative Writing, the first incumbent of this position in UCD. Characteristically, his teaching in UCD spanned an unusually wide array of areas including American literature, Drama Studies, Irish literature and Creative Writing.

At a symposium in the FitzGerald Debating Chamber, organised by UCD School of English, Drama and Film, a who's who of Irish literature and theatre honoured Frank and his career, alongside key scholars, academics, students and colleagues.

Professor Danielle Clarke, Head of UCD School of English Drama and Film opened the symposium which was followed by a number of panels and performances:

- The Theatre of Frank McGuinness (Chair: Dr PJ Mathews) with Professor Eamonn Jordan (UCD), Professor Hiroko Mikami (Waseda University) and Dr Stephen O'Neill (Maynooth University).
- Frank McGuinness: Creative and Professional Perspectives (Chair: Professor Nerys Williams) with Patrick Mason; Joe Vanek; Dr Éilís Ní Dhuibhne; and Dr PJ Mathews.
- Singer Kevin Doherty entertained the audience with some songs from the stage musical 'Donegal'.
- Professor Margaret Kelleher chaired a panel with actors Maria McDermottroe and Joan Sheehy
- The Ad Astra Performing Arts Drama Scholars (Director: Kellie Hughes) performed a reading of Carthaginians, Scene 4.

Deputising for UCD President, Professor Andrew Deeks, Professor Mark Rogers, UCD Registrar and Deputy President presented Frank McGuinness with the UCD Ulysses Medal, the highest honour the University can bestow. Delivering the citation, Professor Danielle Clarke said: "Frank McGuinness' vision as a writer is prodigious, restless, all-encompassing and relentlessly questioning. His super-abundant imagination has traversed topics as diverse as the life of Caravaggio, the Lebanese hostage crisis, Shakespeare in Ireland, the Gunpowder plot and the lives of Lizzie and Mary Burns, the Irish consorts of Engels and Marx in Manchester. He is a writer moreover who is constantly challenging



Frank McGuinness, UCD Ulysses Medal Recipient 2019.

himself and searching out new horizons; he is known to most as a playwright and poet but he has also written film scripts, TV scripts, and libretti as well as a stage musical, *Donegal*. In recent years he has turned to fiction and written two novels and one collection of short stories. Song and adaptation are the enduring threads running through his body of work."

From Creativity to Legacy: An Exhibition of the Archive of Frank McGuinness

The exhibition was launched earlier that day in UCD Library Special Collections. It comprises

handwritten and typescript drafts of McGuinness's most well-known and critically acclaimed plays including *The Factory Girls*, *Someone Who'll Watch Over Me* and *Observe the Sons of Ulster Marching Towards the Somme* as well drafts of other work such as poems, screenplays and novels. Such drafts show the progression of the work in the writer's mind and demonstrate the considerable level of craft involved in reaching a point where a play is ready for production. The exhibition also displays ephemera such as programmes posters, awards and reviews.

Frank McGuinness has been depositing his archive in Special Collections incrementally since 1998, the latest transfer arriving in 2018. The breadth of this archive and the volume of material contained therein is a physical testament to the stature of McGuinness as a writer of world renown



Handwritten and typescript drafts of McGuinness's most well-known and critically acclaimed plays.

and this ongoing transfer of the archive to UCD is a very important aspect of McGuinness's contribution to the University.

This exhibition looks at the archive through the prism of the following themes: creativity, collaboration, production, reception and legacy. In response to these themes, Frank personally chose five of his poems to be exhibited on the exhibition panels. The exhibition was co-curated by Rachel Fehily and Evelyn Flanagan.

This is the first exhibition of McGuinness' literary papers. It is hoped that through this exhibition, awareness of the archive will reach a wider audience within the University and beyond. It is available to view in the Special Collections Reading Room, James Joyce Library UCD until Spring 2020.



In attendance on the evening are (l-r) UCD President, Prof Andrew Deeks, Prof Mary Lambkin-Coyle, Dr Michael Somers and His Excellency, Stéphane Crouzat, French Ambassador to Ireland.

UCD Ulysses Medal – Michael Somers

On 29 May, the UCD Ulysses Medal, the highest honour the University can bestow, awarded to individuals whose work has made an outstanding global contribution, was awarded to Dr Michael Somers. Dr Somers, a BComm graduate of 1966 is a distinguished alumnus of the UCD College of Business, having also completed his PhD on Financing Irish Government Expenditure in UCD in 1977 under the supervision of Professor Patrick Lynch.

The citation was delivered by Professor Mary Lambkin-Coyle, Professor of Marketing who said: "Michael Somers is widely considered to be one of the most influential public servants of his generation, one who has made an important and lasting contribution to our country and its position in the wider world".

Dr Somers was awarded the Ulysses Medal for his work in managing the public finances of Ireland through good times and bad, and especially for helping this country to navigate its way through the global financial crisis of the past decades, and back to the relatively healthy state that we have today.

Enhancing UCD's international reputation for academic and research excellence



This is a key focus of the University's Global Engagement Strategy, which is led by Professor Dolores O'Riordan.

The life-blood of the university system has always been scholarship and the quest for peerless academic achievement. In today's highly connected, highly commercial world, however, the challenge of maintaining these guiding principles has never been greater. As universities face increased competition for students and funding it has become critical for top tier universities to develop a strong global profile with links to many different stakeholders from industry and government to other academic institutions.

Globalisation is one of UCD's key strategic objectives as it seeks to stay at the leading edge of scholarship, research and innovation while building an academic and student body that reflects the best of cultural diversity. Professor Dolores O'Riordan, Director of the UCD Institute of Food & Health is also the University's Vice-President for Global Engagement and in this role, it has been her task to establish UCD as a recognised world-leading university.

"Our vision is to bring the best of the world to Ireland and the best of Ireland, including its distinct cultures, to the world," she says. "Our national pool is limited, so even taking the brightest and the best from Ireland, we still need to supplement it with the best talent from around the world in terms of faculty, staff and students. This will drive our standards and achieve excellence which is a core UCD value together with creativity, integrity, engagement, collegiality and diversity."

"It's undoubtedly an ambitious strategy but the efforts are paying off. In terms of bringing the best of Ireland to the world and vice versa, we now have 565 active partners in 60 countries,

we have increased the number of UCD students going overseas by almost 6% year on year and have increased the number of overseas students studying at our Dublin campus, so that they now represent 28% of our total."

Revenue from international students at 92 million is up 37% since 2015/2016 and while this makes a significant contribution to the financial stability of the University, Professor O'Riordan emphasises that attracting overseas students is not just about the money. "It's very much to do with giving us the diversity and talent we're looking for," she says. "Our student body of 33,400 represents students from 138 countries which is encouraging. We are mindful of maintaining a balance of nationalities as we want it to be a truly international experience for all."

UCD's five-pronged global strategy was set out four years ago as part of the University's 2020 vision. In broad terms its remit was to develop a distinctive global culture at UCD, extend strategic relationships, grow UCD's reputation for excellence, increase the impact of its scholarship and research and develop an enabling environment where the University's global activities could flourish.

"My day to day activities are very much about delivering on these objectives," Professor O'Riordan says. "For example, developing a global culture has focused on heightening the awareness within the UCD community about the needs of international students and the extra supports required, stepping up the activities of UCD Global by running more cultural events that reflect our diversity and promoting the acquisition of a second language. We see language acquisition as very important so we run language cafes within UCD Global with the dual function of providing international students with somewhere to come to converse in their own language while those learning a language have the opportunity to hear it spoken by native speakers."

To drive its global strategy UCD has set up centres in North America, India, China, Malaysia and most recently in Dubai. "Establishing a presence on the ground has been a key

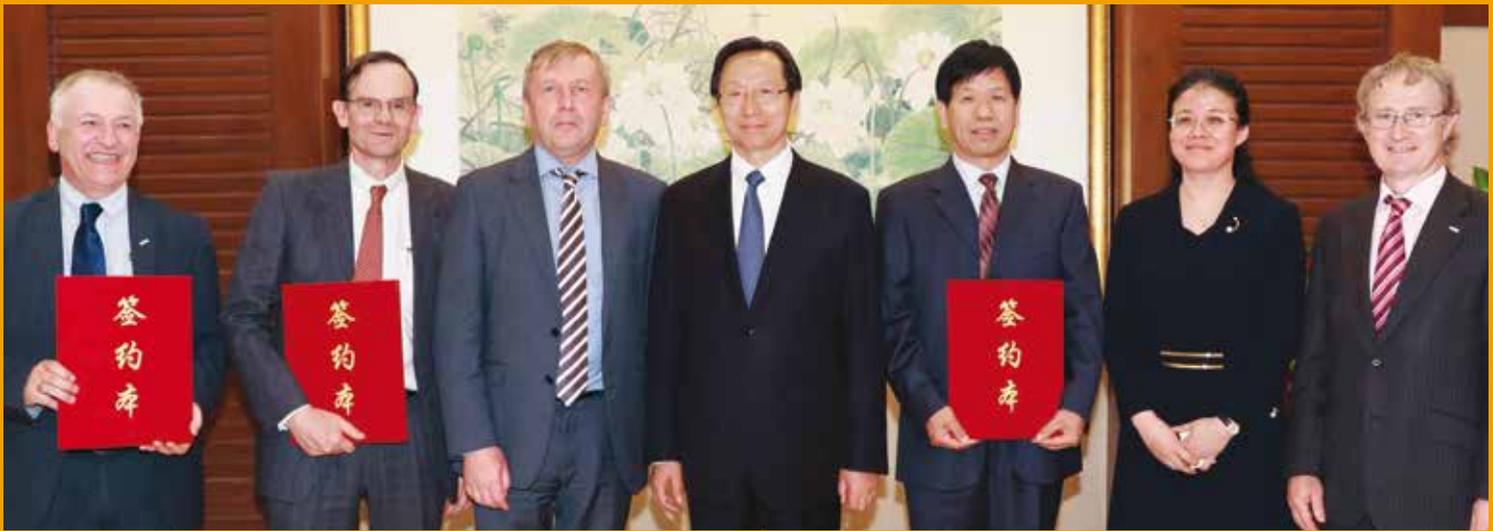
achievement and central to gaining traction in these regions for student recruitment but also in terms of growing UCD's reputation overseas from a scholarly and research perspective," Professor O'Riordan says.

UCD also has overseas campuses and programmes catering for in excess of 4,000 students in Sri Lanka, Singapore, Hong Kong, Malaysia and China where the highly successful Beijing Dublin International College, which offers four degree programmes, was opened in 2013. "We have recently appointed an International Dean for China which is a senior post and reflective of the high level of activity in our Beijing global office," Professor O'Riordan says. "In the agrifood space alone we have three European wide projects running with Chinese University partners under the Horizon 2020 framework".

Extending and developing UCD's relationships beyond its Dublin campuses has been a key part of Professor O'Riordan's role and this has involved working with other universities, NGOs, industry, the Irish and overseas governments, representative bodies, potential donors and the 269,000 global alumni UCD already has in 165 countries.

"Wherever possible we try to support the activities of Irish Government departments and agencies and they in turn support us," she says. "We have put big efforts into developing strategic partnerships. By building an extensive central database, it is now possible to see where UCD partners are across the world and what the level of activity is. That has been a very significant output from my role over the last four years. Another significant output is the expansion of joint degree programmes and campuses in China. I think it's a clear indication of both our growing international reputation and the fact that our global engagement strategy is working," Professor O'Riordan says.

Professor Dolores O'Riordan was in conversation with Olive Keogh MA, contributor to the Irish Times.



Pictured (l-r): Prof. Gerry Boyle, Director, Teagasc; Prof. Alexander Evans, UCD Dean of Agriculture; Michael Creed, Minister for Agriculture Food and Marine; Han Changfu, Minister of Agriculture and Rural Affairs, China; Prof. Qin Yuchang, Director General, Institute of Animal Science, CAAS; Ma Ying, Secretary General and Deputy Director, Institute of Animal Science, CAAS and Prof. Frank O'Mara, Director of Research, Teagasc.

CAAS, UCD and Teagasc sign agreement

On Tuesday 14 May UCD, Teagasc and the Institute of Animal Science, Chinese Academy of Agricultural Sciences (CAAS) signed an agreement in Beijing to form the China-Ireland

Sustainable Dairy Development Centre. The purpose of the Centre is to foster institutional links, to support research that will generate new knowledge, to engage in education at a number

of levels, and to improve technology exchange to promote sustainable dairy farming systems in China and Ireland. The Centre is built on five years of collaboration between the parties.

President Michael D Higgins launches new centre

UCD was honoured to welcome President Michael D Higgins and his wife Sabina on 28 March. He gave the inaugural lecture to launch the new Jean Monnet Centre of Excellence in the New Political Economy of Europe.

The Dublin European Institute, based at UCD School of Politics and International Relations, has been awarded a prestigious Jean Monnet grant by the European Commission to become a Centre of Excellence. The project is titled 'The New Political Economy of Europe: Re-engaging the Street' and is led by Dr Aidan Regan. The Centre already has a number of PhD students and a vibrant programme of public lectures, seminars and podcasts already underway. A PhD Winter School is planned for January 2020.

In his speech President Higgins called for a "new mind for Europe", to strengthen social cohesion between EU member states, warning that European unity is in danger due to the

Union's handling of the economy. He added: the "narrow version of an economic union" adopted by the EU had left social, economic and class divides palpable across Europe. "Social cohesion is fracturing as inequalities in wealth, power and income are deepening, as labour becomes more precarious and our societies become increasingly divided between what is often lazily described as 'the lucky' and the 'left out'.

Jean Monnet, who the Centre of Excellence is named after, is considered one of the founding fathers of the European Union, and the various centres of excellence across the EU are designed to foster integration and co-operation between member states.



Pictured are President Higgins with Dr Aidan Regan.

Survivors' Stories

A collection of the recorded stories and transcripts of some survivors of residential institutions for women and children in Ireland was launched in May by Katherine Zappone TD, Minister for Children and Youth Affairs. The Minister, praising this project, said it was fitting that these stories are curated, preserved and made available as part of the national memory of Ireland, within the National Folklore Collection, one of UCD's Heritage Collections.

Associate Professor Emilie Pine, UCD School of English, Drama and Film told us: "As survivors spoke to the *Commission to Inquire into Child Abuse* of their experiences, they did not know what the outcome would be, they had to trust that their words would be listened to, they had to hope that this time they would be believed. Perhaps this is the report's greatest achievement: the validation and authentication of the testimony of a social group who had been marginalised for so long.

"It has been my privilege to meet many survivors over the past few years and, most recently, to record some of their memories as



Pictured are: Katherine Zappone TD, Carmel McDonnell Byrne (Christine Buckley Education and Support Centre) and Associate Prof Emilie Pine.

part of the UCD survivors' stories project, funded by the Irish Research Council. We began this project, in collaboration with the Christine Buckley Education and Support Centre and the National Folklore Collection, to record and preserve some of this important history and to mark the anniversaries of the report's publication and the first apology to survivors in 1999. In setting out to include survivors' voices in the National Folklore Collection, Dr Críostóir Mac Cárthaigh and I simply wanted to address the gap in the national records. We did not anticipate what a profound experience it would be."



Curious Minds

UCD Festival 2019

A day unlike any other, a true showcase and celebration of UCD

The fourth UCD Festival on Saturday 8 June proved to be a roaring success when over 20,000 alumni, faculty, staff, students and members of the local community visited Belfield campus. Congratulations to the 600 members of the UCD Community who delivered the most successful UCD Festival to date.

The Festival is a celebration of innovation, creativity and research at UCD, and this year's festival inspired audiences of all ages. The Festival line-up included the largest science and innovation showcase, fascinating engineering and technology displays, literary greats, social activists, physicists, political and economic commentators, entrepreneurial giants, rugby heroes, and a chance to meet the UCD Robot in Residence Pepper.



Some had the chance to meet Pepper, the UCD Innovation Academy Robot in Residence.

Some of the familiar faces spotted on the day included Rick O'Shea, Professor Margaret Kelleher, spoken word artists Emmet Kirwan and Natalya Flaherty, award-winning architect Steven Holl and former journalist and political adviser Una Claffey.

There was laughter and reminiscing from early morning as 500 alumni and friends joined classmates to kick off the fourth UCD Festival at the Science Milestone Reunion Brunch and Supporter's Thank You Brunch in the new UCD University Club.

The Alumni Lounge, located in the lobby of the University Club was a hive of activity with alumni and their friends and families gathering to



Beats in the Alley – with Sim Simma presenting something completely new to the Festival, in front of the Street Art piece by Novice.

enjoy the fare on offer in the Club Café; posting memories on the Memory Walls; sharing their stories with the Belfield 50 team; chatting with staff from Careers and Alumni Relations and enjoying the musical and entertainment pieces throughout the day.

We witnessed building, creating and experimenting at the Science and Innovation showcase, there was a Medtronic Junior Hospital Experience, rockets, maths battleships and even an explosion! The Microsoft Engineering and Technology Zone was an interactive treat with fun to be had at Microsoft's Dreamspace and an exploration of their AI for Good.

The Sports Zone was buzzing with cheers, laughter and excitement from noon with rugby and GAA trials with a few well-known faces. For those looking for a more relaxed start to the day, Reggae Yoga kicked off at the new zone 'Beats in the Alley', followed by live music, poetry and dance performances from Sim Simma DJs and the Spoken Word Collective until late.

Across campus, at the Culture Zone at the James Joyce Library, activities took a more muted tone, with a celebration of poetry, music and spoken word while outside by the lake, the Gladiators were on hand with their Roman Army

displays. Meanwhile over in the Discovery Zone, the Centre for Experimental Archaeology set up shop to showcase their historical representation of early Irish life.

If you want to relive any of the action from the festival, there are a host of stories, pics and videos at www.ucd.ie/festival. Be the first to hear about next year's programme by emailing festival@ucd.ie

This year's festival was kindly sponsored by Microsoft with support from Intel, Medtronic, Explorium, Dún Laoghaire Rathdown County Council, AIB and UCD Sport and Fitness.



A brave festival goer on the hugely popular Explorium Bed of Nails



Pictured are (l-r): Karl McEntegart, Tara McCarthy, Prof Tony Brabazon (UCD Dean of Business), Clare Gilmartin and Anna Carthy.

UCD Business Alumni Awards 2019

Close to 500 alumni, friends, government representatives and business leaders gathered in Dublin's InterContinental Hotel on 5 April for this year's UCD Business Alumni Awards. The awards have been running since 1991 and recognise alumni who have demonstrated proven leadership skills and notable achievements in business, whether in Ireland or globally.

This year, Tara McCarthy, CEO of Bord Bia received the UCD Michael Smurfit Graduate Business School Alumni Award and Clare Gilmartin, CEO of Trainline received the UCD

Lochlann Quinn School of Business Alumni Award. Dr Laurence G Crowley CBE, was also recognised with the first Outstanding Contribution to Business Education Award for his leadership and vision as founding executive chairman of the UCD Michael Smurfit Graduate Business School.

The ceremony also celebrated the UCD Quinn School 'Student of the Year' Anna Carthy, BComm '18 and the UCD Smurfit School 'Student of the Year' Karl McEntegart, MBA '18.

Profits raised were donated to the UCD College of Business Scholarship Fund, supporting the next generation of business leaders.



Minister of State for Higher Education, Mary Mitchell O'Connor TD opening the conference.

International Symposium of the European Association of Chinese Teaching held in UCD

On 12/13 April, the Second International Symposium of the European Association of Chinese Teaching was held at UCD. The Symposium was jointly organised by the European Association of Chinese Teaching (EACT), together with its Irish branch and the UCD Confucius Institute for Ireland. With the theme of 'Pushing Forward the Discipline of Chinese as a Second Language - European Efforts in the World Context', the Symposium attracted more than 200 participants from 22 countries in Europe, Asia and America to UCD campus, the largest of its kind ever held in Ireland.

Minister of State for Higher Education, Mary Mitchell O'Connor TD, Political Counsellor of the Embassy of the People's Republic of China in Ireland, Mr Huang He, UCD Vice-President for Global Engagement, Professor Dolores O'Riordan and President of EACT, Professor Joël Bellassen attended and addressed the opening ceremony. UCD was delighted to host this symposium which brought together Chinese teaching academics and experts from around Europe and beyond to share their research, experience and challenges in developing Chinese language education outside China.



PhD students on the CDT programme will learn a range of skills alongside their research into metal additive manufacturing, including responsible innovation, leadership, science in the media and industrial training.

I-Form partners with UK universities for new joint Centre for Doctoral Training

I-Form, the SFI Research Centre for Advanced Manufacturing, recently announced funding for a new joint Centre for Doctoral Training. UCD and DCU have partnered with the University of Sheffield and the University of Manchester to launch a joint PhD programme in Metallurgical Challenges for the Digital Manufacturing Environment. The programme is supported by a €4 million investment from Science Foundation Ireland and will see 25 PhD students recruited over the next five years to focus on metallic materials innovation in high added-value manufacturing.

Minister of State for Training, Skills, Innovation, Research and Development, John Halligan TD, announced an investment of

approximately €39 million to support the involvement of SFI Research Centres in seven new joint Centres for Doctoral Training (CDTs). The awards have been made under a new partnership between Science Foundation Ireland and the Engineering and Physical Sciences Research Council (EPSRC), which is part of UK Research and Innovation.

The Centres for Doctoral Training will bring together a group of PhD students from diverse backgrounds to tackle today's evolving issues and future challenges in an exciting environment, linked with industry and supporting broad skills development in areas such as responsible innovation, leadership, science in the media and industrial training.

The CDTs represent one of the UK's most significant investments in research skills, supporting over 70 centres that will equip the next generation of doctoral level researchers across engineering and physical sciences.

Welcoming the awards to SFI Research Centres, Minister Halligan said: "Cultivating and maintaining positive research and development collaborations between Ireland and the UK, as well as the rest of the world, is a priority for the Irish Government, and the Department of Business, Enterprise and Innovation is thrilled to be working with the EPSRC on this programme".

Do helmets protect jockeys from concussion?

Jockey turned trainer Andrew McNamara could be any one of his predecessors, peers or successors in *The Sport of Kings*.



Dr Aisling Ni Annaidh

“On some horses after a few jumps you know there is a good chance both of you will end up on the floor,” wrote McNamara for *The Sports Chronicle*. “That is not enjoyable but if you start thinking like that more than once in a while you are in the wrong job and definitely on the wrong horses.”

“Concussions were a problem that almost ended my career before it got going,” he stated matter of factly. “I got one concussion in Tramore, not long after getting the Edward O’Grady job, riding a lunatic for him in the first race which fell. Lying on the ground, a bit groggy, I remembered there was another runner the same day that would definitely win so in the ambulance back to the weigh-room the doctor was asking me questions and I was lucid enough to answer correctly so I was cleared to ride.”

“I get out of the ambulance and look back at the doctor, the order of Malta man and the doctor again. There was two of him.”

McNamara’s cousin JT McNamara tragically passed away in 2016, age 41, from injuries related to fractured C3 and C4 vertebrae suffered when he fell off *Galaxy Rock* at Cheltenham in 2013. McNamara’s younger brother Robbie was paralysed from the waist down following a fall at Wexford in April 2015.

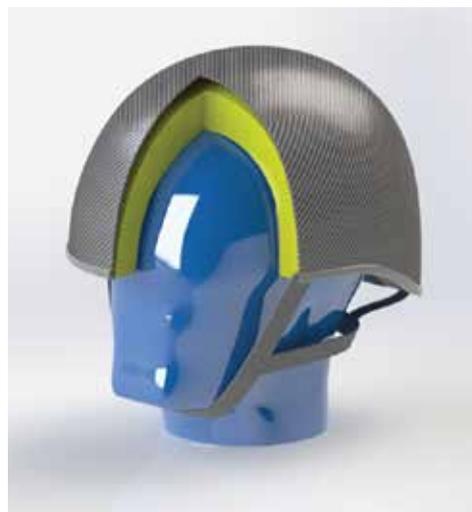
McNamara rode two winners while his brother was brought to hospital with life altering injuries “because that’s what a jockey does.”

The discussion is unending but experts from various fields are working to protect these fearless souls. Professor Michael Gilchrist and Dr Aisling Ni Annaidh, of UCD School of Mechanical and Materials Engineering, offer no instant solution to the perils of horse racing but methods are gradually being developed to make this multi-billion euro global industry safer for the male and increasing number of elite female jockeys.

The research led by Gilchrist and Ni Annaidh – carried out in association with The Irish Turf Club – analysed 216 helmets from racing accidents, where they found concussion accounted for 91 percent of head injuries (Five percent were traumatic brain injury, the other four percent skull fractures).

“The very high incidence rate of concussion is alarming,” said Gilchrist while noting amateur jockeys are nearly three times more likely to sustain a concussion compared to professionals. “When professional jockeys are starting off, they’re trained how to fall. They typically roll up in a ball and roll with the momentum to minimise the risk of injury.”

“The other huge concern is repetitive head injury. To my knowledge there is no publicly available data on a longitudinal study on jockeys but if you look at boxing or rugby or American football where people are seeing long-term impairment due to repeated injuries or repeated head impacts, you would expect there is a medical health issue there for jockeys.”



Main components of an equestrian helmet

The UCD project found that equestrian helmets were only damaged in 54 percent of head injury cases. Professor Gilchrist believes there has been a reduction in the incidence of skull fractures and fatalities but helmet design standards, his research clearly shows, remains deficient.

“The standards at the moment do provide a lot of protection but there is a question as to whether they are providing adequate protection for concussion injuries.”

“The proportion of undamaged helmets with an associated head injury suggests that many helmets may be too stiff relative to the surface they are impacting to reduce the risk of traumatic brain injury.”

“UCD led a European consortium of 13 PhD students working on a board range of topics around head impact biomechanics and how to improve safety measures. Professor Gilchrist praised the significant contribution of Dr Ni Annaidh and her PhD students who have developed new fundamental material data on soft biological tissue – cranial bone and human scalp – specifically the energy absorbed by the head during impact conditions, whilst other UCD PhD students investigated the energy absorption of foam liner materials during dynamic impact, and reconstructed real-world equestrian accidents.”

“The budget of €4 million paid for a consortium with three universities – the KTH Royal Institute of Technology in Stockholm and the Catholic University KU Leuven in Belgium – and three helmet manufacturers – Charles Owen in Wales make equestrian helmets, LazerSport of Belgium make bicycle helmets and the Italian motorcycle helmet manufacturer, AGV.”

“UCD’s main focus in terms of reconstructing accidents was around how serious are head injuries in equestrian riding? What are the types of injuries that riders get? What are the issues in terms of design of helmets? And what are the issues in certifying helmets to be fit for use?”

What does he mean by helmets being “too stiff” relative to the surface they are impacting?

“When you fall from a bicycle, from a motorbike, from a horse or skiing, the motion you follow in flight coming from dismounting to actual impacting the surface involves a degree of rotational motion and linear motion.”

“There is a difference to what happens to the head as a result of rotational or linear accelerations. When you think of linear accelerations you think of G-forces. Most of the serious traumatic brain issues, including concussion, medically now have been shown to be due to shear caused by rotational motion as opposed to direct compression caused by linear motion, as if you fell vertically downwards.”

“The helmets need to be designed to absorb, as much as possible, both the linear and angular accelerations.”

“The angular acceleration is the most serious. Helmets, at the moment, when they are designed there’s a standard test for linear acceleration but there is no standard test for angular [rotational] acceleration.”

“While helmets are fit for purpose in that they are good at preventing the most serious injuries and fatalities that we typically see – like a skull fracture – we get relatively few of those types of injuries, and that’s great.”

But – and this feels like a deeply significant ‘But’ – the tests to make a jockey’s helmet fit for purpose do not include the type of impacts that overwhelmingly result in concussion.

This information will not prevent a young jockey climbing on the lunatic horse in Tramore, Wexford and especially when Cheltenham rolls around in March.

Nobody is ignoring this reality as The Turf Club provided UCD with access to their accident data.

“There has been awareness of this for certainly more than the last 10 years,” Professor Gilchrist continued. “It’s why helmet manufacturers and regulatory bodies like The Turf Club have been trying to provide us with real world data to better understand the mechanics involved in these type of injuries so we can use that information to inform the development of better standards and better protocols so the next generation of helmets will absorb that rotational motion.”

And still, in 2019, a standard helmet test to protect jockeys from sustaining the brain injuries they are currently suffering does not exist?

“There is a deficiency there,” Gilchrist replied. “We would like to be able to get to a stage where we can define a test protocol for rotational motion that would replicate the majority of all concussive jockey injuries. We will then develop laboratory and surrogate computer simulation methods that are realistically biofidelic and suitable for manufacturers to develop the next generations of helmets.”

“Helmets are currently designed to reduce the severity of the injury from falling but we are trying to make that better because you have a large incidents of concussive injuries.”

The discussion is unending.

Professor Michael Gilchrist was in conversation with Gavin Cumiskey (BA 2001), sports journalist with the Irish Times.



Pictured is Dr Meriel McClatchie showing off the garden to An Taoiseach, Leo Varadkar TD.

■ Bloom 2019: A real taste of Ireland's food history

Countless influences have made their mark on Irish food over the past 8,000 years, and the impact of these societal changes are illustrated by a garden created by a collaborative team from UCD at this year's Bloom festival in the Phoenix Park over the May bank holiday weekend.

The exhibit, titled 'UCD History of the Irish Diet in Plants', tells the story of the Irish diet from the early settlers to the introduction of farming, how tastes changed with the entry of imported foods, the impact of industrialisation, and the implications of the modern expansive diet.

The garden is divided into five sections based on societal developments that led to dramatic changes in the Irish diet. The chosen plants in each section primarily reflect evidence from archaeological science, highlighting changing food choices in Ireland over several

millennia. Along with fruits, vegetables and cereals, the garden includes pastureland to represent grass-fed animals (cattle, sheep and pigs), and ponds to depict early dependence on lakes for fish and plants.

UCD Landscape Architecture students John McCord, Ciaran Rooney, Hannah Johnston and Niamh Conlan designed the exhibit alongside Dr Caroline Elliott-Kingston, UCD School of Agriculture and Food Science, and Dr Meriel McClatchie, UCD School of Archaeology.

"An important change to note is that much of our early food was locally sourced or grown, while the most modern diet includes a wide variety and large volume of imported produce," said the UCD team behind the garden. "We now see more sugar consumption, more food miles, more processed food, more packaging, less fresh horticultural produce, and less home-grown, local produce."

■ Psychological and Psychotherapeutic Approaches to the Treatment of Migraine

As part of the UCD Psychotherapy Programme's Chronic Illness Seminars, a half-day seminar on Psychological and Psychotherapeutic Approaches to the Treatment of Migraine was held at UCD in collaboration with The Migraine Association of Ireland. More than one hundred multidisciplinary professionals registered for this event, drawn from the MSc in Systemic Psychotherapy in UCD and many other UCD Psychology and Psychotherapy programmes and other institutions. Representatives from the HSE, from the Family Therapy Association of Ireland, The Psychological Society of Ireland, from TCD, DCU, UL, The Clanwilliam Institute, and other relevant psychotherapy training bodies also attended. Certificates of Attendance were issued by the Migraine Association of Ireland to attendees.

UCD has been at the forefront in acknowledging the significant role of psychological approaches and psychotherapy in supporting sufferers of migraine and their families and the importance of including such 'chronic' and specific conditions in psychotherapy clinical training events. Like many complex neurological disorders the visceral impact of migraine on people's relationships, careers, family life and everyday living cries out for further understanding. Far more than just a headache, The World Health

Organisation has recognised the impact of migraine worldwide, listing it as one of the top 20 causes of disability among adults of all ages. Living with and managing migraine depends upon multidisciplinary research and co-operative inquiry which is why the input from Rita Treacy, Speech and Language Therapist, Terri Morrissey, CEO of the Psychological Society of Ireland, Dr Barry O'Donnell and Dr Marie Murray, Clinical Psychologist provided a wide range of perspectives on this debilitating condition at the event.



Pictured are Prof. Joe Carthy, Principal, UCD College of Science, Liam Ó Maonlaí and Theresa O'Leary, UCD in the Community.

■ Hope Fest 2019

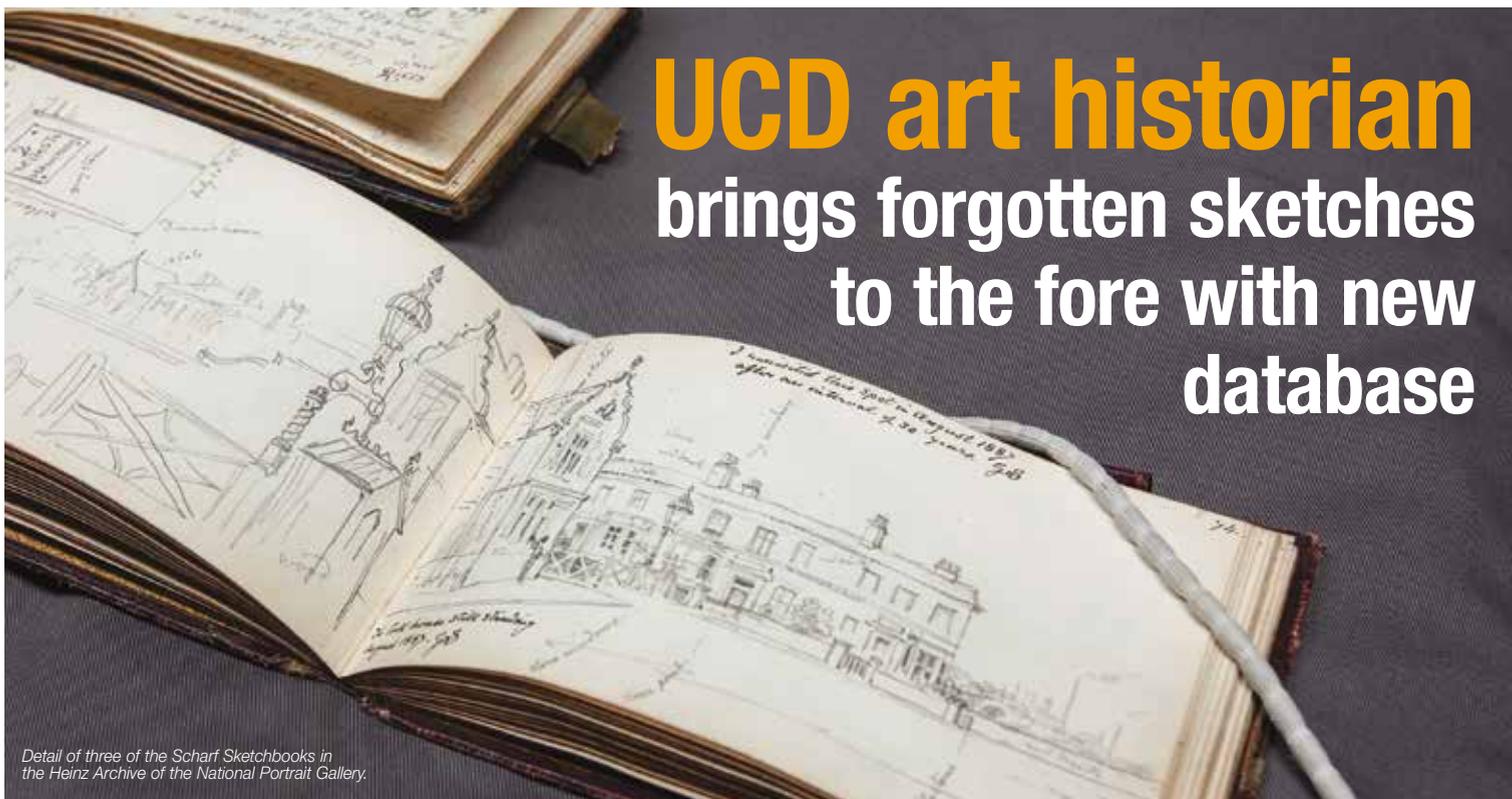
For the last 60 years, the Dublin Lions Club has hosted an annual party for the homeless community in January, called Eric's Party. This event is a huge success each year, with 300 guests attending the party this year in the GPO. The Dublin Lions Club identified the need to have a similar event during the summer, and so the idea for a Summer Party was born. It would provide members of the homeless community with a hot meal, entertainment, wellness services and a welcomed break from the norm. UCD were delighted to assist the Dublin Lions Club with this event, with the inaugural Summer Party for the Homeless taking place in 2018, attended by over 130 guests from the homeless community.

Following on from that success, UCD and the Dublin Lions Club, in association with Dublin Simon Community, were delighted to organise this event again under a new name - Hope Fest - which took place on Saturday 18 May in the Iveagh Gardens.

The event had a 'festival' feel, with music and food, and a wellness area, where guests availed of numerous services, such as haircuts, a chiroprapist and yoga!

Thank you to the UCD faculty, staff and students who volunteered prior to and during this event. A particular thank you to Catherine Bodey (UCD Library), Dave Delaney (IT Services), Carole Doyle (College of Science Administration Office), Gary Dunne (College of Science Administration Office), Mairead Egan (School of Medicine), Scott Evans (UCD Chaplaincy), Janis Farrell (UCD Registry), Ria Flom (UCD Alumni Relations), Joan Fogarty (UCD Registry), Paula Fogarty (College of Science Administration Office), David Kelly (Finance Office), Odhran Lawlor (UCD Estates), Ciara McCabe (UCD Registry), Jason Masterson (UCD Student Centre), Loftus McCordick (Pi Restaurant), Clár Ní Bhuachalla (Bord na Gaeilge), Alan Thompson (School of Medicine), Caoimhe O' Neill and the all performers from the UCD Community Choir.

UCD art historian brings forgotten sketches to the fore with new database



Detail of three of the Scharf Sketchbooks in the Heinz Archive of the National Portrait Gallery.

Most people will not have heard of 19th century art critic and illustrator George Scharf. Born in 1820, he developed a reputation as an art consultant, and his illustrating abilities meant his skills were constantly in demand during his lifetime. He later became the founding Director of the National Portrait Gallery, London.

Despite this, Scharf has received scant attention from academics – until now. According to Dr Philip Cottrell, UCD School of Art History and Cultural Policy, his time has finally come. A PhD has just been completed on his work; a recent conference was partly devoted to him. And – perhaps most notably – Cottrell himself has just completed work on a database of some of Scharf's sketches which were compiled during his involvement with the Manchester Art Treasures Exhibition of 1857.

Cottrell has spent the last four years working on the database, but his interest in Scharf's work came about entirely by accident when he was asked to investigate a painting in St Andrew's Church on Westland Row in Dublin more than a decade ago. While in the church, another painting caught his eye. It turned out – as he suspected – to be a Renaissance Madonna and Child with Saints. The painting, Cottrell says, is “not a great masterpiece” – but when he looked at the back of it, he saw a label that proved it was one of 16,000 works of art included in the Manchester Art Treasures Exhibition. That exhibition was important because it was “the first time there was a major national exhibition devoted just to art,” Cottrell says.

“I think you could arguably say that it was the biggest exhibition that's ever been held,” Cottrell says. “It's a fair claim, because you're talking about 16,000 items that were on display, and a massive brick and glass pavilion erected at Old Trafford.”

Despite this, art historians have had only a partial understanding of what exact paintings went on display at the Manchester Art Treasures Exhibition, which is why Cottrell wanted to find out more about this surprise painting. He decided to turn to Scharf's sketchbooks for answers.

Cottrell went to the Heinz Archive of the National Portrait Gallery in London to view the archived sketchbooks to “join the dots”. He was

amazed at the extent of what was in the sketchbooks, and – after sifting through just some of the material – he knew something needed to be done with them. He decided he wanted to investigate the sketches further and create a database that other researchers could use.



Pictured are Sarah Maguire, former postgrad research student at UCD School of Art History and Cultural Policy and Dr Philip Cottrell photographed with one of the Scharf Sketchbooks

He needed €20,000–€25,000 to create a database of just some of Scharf's sketchbooks – a relatively small amount in the research sphere – but cobbling the funds together was a challenge. Cottrell successfully gained some funding through UCD, but finding other funders was difficult. British funders didn't want to finance the project as he was attached to an Irish institution; Irish funders didn't want to fund a project that was British-based. Eventually, he managed to get funding from a US fund, the Samuel H Kress Foundation. He also received funding from the Paul Mellon Centre for the Studies in British Art and from the Thomas Dammann Junior Memorial Trust.

The ensuing project meant that Cottrell had to act as something of a “one-man band” at times.

“I did get some valuable assistance here and there from a few postgraduate students who gave their time,” he says, “But I have to sing the praises of one particular postgraduate student called Sarah Maguire, she was at the School having completed her MA with us, and was thinking about using some of this material for her own research degree. She's the one who gave me major assistance.”

To create the database, Cottrell spent four years going through Scharf's sketchbooks page by page and image by image. “Sometimes Scharf makes it easy. Because he's so anal with what

he's doing, he tries to cross-reference his images. He goes back to these pages, sometimes years after the event, to apply catalogue numbers to them, so with about 60 percent of the images it was a fairly straightforward process to look at the catalogue numbers to find out that they actually referred to the catalogue numbers that they got later on in the exhibition, and then I could join the dots.”

For other sketches, Cottrell had to rely on his own experience.

“Looking at a sometimes very brief sketch, trying to work out if it's Renaissance, Baroque work, trying to work out what the figures are probably doing in the work... I would gradually narrow it down until I had worked out what kind of subject this is. I used the Internet a lot.” He also used the Witt library in London, which houses reproductions of paintings, to establish what works Scharf's sketches were based on.

The work “took ages,” Cottrell says. “Originally, all I wanted to do was try and just put quite a skeletal level of description in place to allow these sketchbooks to be digitised, so you could browse through them online. In the end, when myself and my postgraduate assistant Sarah started going through it, we realised we couldn't sift this material so easily, we had to work out what everything was in order to distinguish what we were looking at. We thought it would make the day to day far more profitable and of use to researchers if we were able to make each entry for each page far more richly textured and far more informative in terms of what the viewers were looking at.”

The resulting database represents a major collaboration between UCD School of Art History and Cultural Policy and the National Portrait Gallery, London. It enables users to browse detailed information on hundreds of important works of art in nineteenth-century British and Irish collections, creating a valuable tool for art historical and provenance research.

“I think we're very proud of the fact that we have done a proper job on these sketchbooks and we've demonstrated the rich potential this material has,” Cottrell says. “The time seemed right to give this material the attention it deserves.”

The Sir George Scharf Sketchbooks database is accessible at www.npg.org.uk/research/scharf-sketchbooks/

Dr Philip Cottrell was in conversation with Patrick Kelleher (BA 2015, MA 2017), a freelance journalist.

2019 BT Young Scientist Business Bootcamp

A talented group of teenagers from Cork, Kerry, Limerick and Offaly have claimed the winning spot at the 2019 BT Young Scientist Business Bootcamp with a health project entitled 'Helping Hemp Heal'. The team impressed a panel of expert judges with their well-planned and thought out business pitch which they presented following the intensive four-day Bootcamp held at NovaUCD.

The project was created by Jennifer McCarthy, Kinsale Community School, as her entry to the 2019 BT Young Scientist & Technology Exhibition held in January this year.

Thirty students who took part in this year's BT Young Scientist & Technology Exhibition were selected to participate in the Bootcamp. The aim of the Bootcamp, designed and delivered by BT Ireland and NovaUCD, is to equip students with practical skills and knowledge to transform a creative idea into a viable business proposition.

Caption: Pictured (l-r) at NovaUCD are: Danila Fedotov, Cork; Jennifer McCarthy, Cork; Michael Kirby, Kerry; Roisin O'Connor, Offaly and Jack O'Connor, Limerick, overall winners of the 10th annual BTYSTE Business Bootcamp.



Pictured (l-r) at NovaUCD are: Danila Fedotov, Cork; Jennifer McCarthy, Cork; Michael Kirby, Kerry; Roisin O'Connor, Offaly and Jack O'Connor, Limerick, overall winners of the 10th annual BTYSTE Business Bootcamp.

UCD awarded highest number of Fulbright Awards

Congratulations to the UCD faculty and current and former students who were awarded 15 of the 36 coveted Fulbright scholarships last week. They will take up research and teaching roles at some of America's best universities and institutions and represent the highest number of UCD students and scholars to receive Fulbright scholarships in a single year since the exchange programme was established in 1957.

The 2019-2020 UCD recipients are from disciplines spanning technology, science, language, medicine and the arts. Jointly funded by the Irish and US governments, the Fulbright Awards offer Irish and US students, scholars and professionals the opportunity to undertake postgraduate study, research and teaching in America and Ireland respectively.

The UCD recipients of Irish Fulbright Awards 2019-2020 are:

Dr John Greaney lectures and tutors in UCD and Maynooth University. As an NUI-Fulbright postdoctoral fellow at the University of Pennsylvania, he will undertake research for his monograph – The Distance of Irish Modernism; **Professor Margaret Kelleher** is Chair of Anglo-Irish Literature and Drama at UCD School of English, Drama and Film. As a Fulbright Scholar, she will research the promotion and branding of Irish culture in America 1889-1922; **Dr Brendan Kelly** is a Radiology Specialist Registrar at St Vincent's University Hospital and an ICAT Fellow at UCD. He will visit the Stanford Department of Radiology and the Stanford Centre for Artificial Intelligence in Medicine and Imaging to investigate potential novel applications of AI to radiology; **Professor Kevin McDonnell**, UCD School of Agriculture and Food Science will work with the Ohio State University eFields team on digital data collection and analysis to develop robust protocols for use in Ireland; **Dr Suja Somanadhan** is Assistant Professor at UCD School of Nursing, Midwifery and Health Systems. She will examine integrated care and services for children, young people and their families living with Rare Diseases at the Center for Rare Disease Therapy at UPMC Children's Hospital of Pittsburgh; **Kate Bermingham** is a PhD candidate at UCD. As a Fulbright-Teagasc Awardee, Kate will visit the USDA ARS Western Human Nutrition Research Centre, Davis California where she will perform novel lipid profiling techniques to determine the impact of genetic and environmental factors on



UCD Fulbright Scholars 2019

variation in human metabolomic profiles; **Oisín Byrne** is a PhD candidate at UCD. As a Fulbright Student to Massachusetts Institute of Technology, he will conduct research into ways to promote the mechanical coupling of medical devices to tissue; **Maeve Casserly** is a PhD candidate in the UCD School of History. As a Fulbright-Creative Ireland Fellow, and to mark the US centenary of women's suffrage in 2020 she will research and lead public engagement with the rich collections of the Harry Ransom Centre, Austin; **Siobhan Grayson** is a PhD candidate at the Insight Centre for Data Analytics and the UCD School of Computer Science. As a Fulbright Student to Harvard University, Siobhan will undertake research at the Berkman Klein Center for Internet and Society; **Patricia Kenny** is a PhD candidate in UCD. As a recipient of a Fulbright-Creative Ireland Museum Fellowship, she will research this topic on an international scale in the Department of Anthropology, Smithsonian Institution, Washington DC; **Matthew O'Brien** is a PhD candidate based at the UCD School of

History. As a Fulbright student to the University of Illinois at Chicago, Matthew will conduct primary research concerning community groups and organisations who embodied black empowerment and progression in the 1970s; **Alumna Deirdre Murphy** is a primary school teacher in Temple Street Children's Hospital School, Dublin. As a Fulbright Irish FLTA she will take classes and teach Irish at Gonzaga University, Washington State; **Alumna Sinéad Murray** is completing a masters in Scríobh agus Cumarsáid na Gaeilge in UCD. As a Fulbright Irish FLTA she will take classes and teach Irish at the University of Connecticut; **Alumna Caroline Ní Ghallchobhair** holds a MA in Scríobh agus Cumarsáid na Gaeilge from UCD. As a Fulbright FLTA she will teach the Irish language and take classes at the University of Notre Dame; **Alumnus Conor Quinn** is a Senior Cyber Security Consultant with Deloitte Ireland. As the first Fulbright-TechImpact Cybersecurity Awardee to Boston College, he will partake in the Cybersecurity Policy and Governance Masters programme.



Brian Mullins, UCD Director of Health Promotion and Rás committee member starts the 2019 Rás.

Rás UCD 2019

The 10th Annual Rás UCD took place on Saturday, 6 April 2019. Rás UCD is a unique bilingual event through English and Irish, and registration fees are donated to UCD Volunteers Overseas (UCDVO). The event is open to all ages and all abilities. 335 staff, students and local community members registered for Rás, 30 volunteers stewarded the course and €4,335 was raised for UCDVO.

Rás UCD was founded in 2009 by UCDVO volunteer and Bord na Gaeilge scholar Dónal Hanratty with the inaugural event being organised by members of UCDVO, Bord na Gaeilge and UCD Athletics. The 2019 Rás was organised by a committee, co-chaired by Caroline Mangan, UCDVO and Mark Simpson, Culture &

Engagement – UCD HR, which included faculty, staff, students and alumni.

Rás 2019 category winners were FU16 - Hannah Donoghue, MU16 - Philip Smith, FU20 - Anais Leboucq, MU20 - Joe Dowd, FU30 - Bronagh Kearns, MU30 - Rory O'Connell

FU40 - Linda Byrne, MU40 - Karol Cronin, FU50 - Maria McCambridge, MU50 - Phil Kilgannon and MO50 - Eddie McGrath

Bhí an 10ú Rás UCD Bliantúil ar siúl ar an Satharn, 6 Aibreán 2019 ar champas UCD Belfield. Is imeacht dátheangach ar leith é Rás UCD, agus é ar siúl trí Bhéarla agus trí Ghaeilge, agus bronntar na táillí clárúcháin ar Shaorálaithe UCD Thar Lear. Tá fáilte roimh dhaoine ar gach aois agus gach leibhéal cumais. Chláraigh 335 foireann, mac léinn agus duine den phobal don Rás, rinne 30 oibrí deonach maoirseacht ar an gcúrsa agus tiomsaíodh €4,335 le haghaidh Shaorálaithe Thar Lear UCD.

Ba é Dónal Hanratty, mac léinn scolaireachta de chuid Bhord na Gaeilge agus oibrí deonach de chuid Shaorálaithe UCD Thar Lear a bhunaigh Rás UCD in 2009, agus ba iad baill de Shaorálaithe UCD Thar Lear, Bord na Gaeilge agus Lúthchleasaíocht UCD a d'eagraigh an chéad imeacht. Is coiste a reáchtáil Rás 2019, agus bhí Caroline Mangan, Saorálaithe UCD Thar Lear, agus Mark Simpson, Cultúr & Rannpháirtíocht – Acmhainní Daonna UCD, ina gcomhchathaoirligh air, mar aon le baill foirne, mic léinn agus alumni.

Buaiteoirí catagóire Rás 2019 ná Mná Faoi 16 - Hannah Donoghue, Fir Faoi 16 - Philip Smith, Mná Faoi 20 - Anais Leboucq, Fir Faoi 20 - Joe Dowd, Mná Faoi 30 - Bronagh Kearns, Fir Faoi 30 - Rory O'Connell Mná Faoi 40 - Linda Byrne, Fir Faoi 40 - Karol Cronin, Mná Faoi 50 - Maria McCambridge, Fir Faoi 50 - Phil Kilgannon agus Fir Thar 50 - Eddie McGrath.



Pictured (l-r): Dr Mel Gorman; Lucius Farrell; Patricia O'Kelly; Mary Ellen McMahon, recipient of the inaugural Mary J Farrell Student Summer Research Award; Prof Michael Keane, Head of UCD School of Medicine; Dr Sean Griffin, recipient of the Mary J Farrell Medal in General Practice; Prof Walter Cullen, Professor of General Practice; Kitty Hughes; Jacqueline Quinn and Jill Whyte.

Dr Mary J Farrell Medal in General Practice

UCD extended a warm welcome to Patricia O'Kelly and the Farrell family and friends to UCD School of Medicine Conferring and Awards Ceremony for the presentation of the inaugural Dr Mary J Farrell Medal in General Practice.

Thanks to Patricia O'Kelly's generous support, UCD School of Medicine has established *The Mary J Farrell Community Care Scholarship Fund* to honour her legacy. The fund will support a medical student research elective focussed on enhancing access to care and has allowed the School to

establish a medal as tribute to an exceptional UCD Medicine Alumna. Dr Mary J Farrell graduated with first class honours in 1916 and with a distinguished career in England, Africa and Ireland, she laid the foundations for modern general practice care in Ireland.

Patricia O'Kelly and her cousins, Jacqueline Quinn, Jill Whyte and Lucius Farrell - nieces and nephew of Dr Mary J Farrell are pictured with Mary Ellen McMahon, the inaugural recipient of the *Mary J Farrell Student Summer Research Award* and *Dr Sean Griffin*, recipient of the *Mary J Farrell Medal in General Practice*.

NAFSA Conference

UCD Global, along with representatives from UCD Colleges and Schools, participated in another successful NAFSA (International Educators) conference in Washington DC at the end of May. As always, NAFSA provided excellent opportunities for partnership engagement in line with UCD's strategy to 'extend and develop strategic relationships to enhance our global engagement'. UCD representatives met with existing partners to discuss current issues, as well as connecting with many prospective partners.

UCD's 15th Annual NAFSA partner breakfast was a resounding success with 100 study abroad and exchange partners in attendance. The breakfast was also attended by the Irish Ambassador to the United States, Mr Dan Mulhall along with high level Embassy staff. The gathering was addressed by Minister for Education and Skills, Joe McHugh TD whose inspirational words paid tribute to the important work of international educators, while expressing gratitude for the long and lasting partnerships that UCD has nurtured in the United States and beyond.



Prof Andrew Deeks (left) is pictured with Dr Kate Coleman and Prof Colm O'Brien.



Prof Andrew Deeks (right) is pictured with Professor Patrick Brennan and Professor Stephen Gordon (left).

Honorary Degrees Conferred

The University conferred an honorary degree of Doctor of Medicine on Dr Kate Coleman (UCD Physiology, 1987) at the UCD Medicine Conferings on Thursday 6 June 2019. This award was given in recognition of Dr Coleman's extensive philanthropic efforts in Africa which have resulted in the provision of accessible, expert, ophthalmic care and over 250,000 sight-restoring surgical procedures. The degree was conferred by UCD President, Professor Andrew Deeks with the citation and presentation made by Professor Colm O'Brien, UCD Professor of Ophthalmology at the Mater Misericordiae University Hospital.

On the same day, UCD President, Professor Andrew Deeks conferred an honorary degree of Doctor of Science on Professor Patrick Brennan, College of Veterinary Sciences and Biomedical Sciences at Colorado State University, USA with the citation given by Professor Stephen Gordon, UCD School of Veterinary Medicine. The award was given in recognition of his distinguished research career, which has focused on the study of mycobacteria, a diverse group of bacteria that include some of the most important disease-causing bacteria of humans and animals globally. This research opened up new understanding of how these bacteria function at the molecular level, information that has catalysed the development of new drugs, diagnostics and tools for the control of mycobacterial diseases.



Research staff from UCD Charles Institute of Dermatology and Systems Biology Ireland pictured at the event: background: Michelle Dolan and Michelle Greenwood (Irish Skin Foundation); back row: Helen Rea, Aleksandar Kristic, Shannon Lee, Cian D'Arcy, Orla Geoghegan, Ashish Neve and Melissa Daly; and front row: Irene Lara-Saez and Irene Castellano Pellicena.

UCD Get Sun Smarter

The second annual UCD Sun Awareness event that took place on 9/10 April in the O'Brien Centre for Science was a resounding success, with a high level of engagement and a flurry of visitors over the course of the two-day event. Systems Biology Ireland and UCD Charles Institute of Dermatology researchers were on hand to present latest cutting-edge melanoma research, as well as showing people what melanoma and healthy skin cells looked like through a microscope.

Joining them was the Irish Skin Foundation's Health Promotion Team, who together with Dr Aoife Lally, a Consultant Dermatologist (Charles Centre of Dermatology, SVUH) advised students about sun protection, how to use sunscreen properly and about managing common inflammatory skin conditions like psoriasis, eczema and acne.

The Irish Cancer Society were also on hand with a skin scanner that allowed people to check

their faces' previous history of UV/sun exposure. This proved to be a massive hit with many people stopping by to try it out.

Dr Patrick Ormond, Consultant Dermatologist (St James' Hospital) also gave an elucidating talk entitled: 'Killer Tan: The Sun and Your Skin', which was very well attended.

The name of the campaign was 'UCD Get Sun Smarter' as most Irish people have fair skin (skin type 1 or 2) which burns easily, and tans poorly, so are particularly vulnerable to UV damage and skin cancer. Ireland has one of the highest rates of Melanoma in Europe.

The event also attracted widespread media attention, with radio interviews across both national and regional radio stations covering the event, focusing on the importance of sun safety, whether at home or abroad, and the dangers of 'binge tanning'. National radio broadcaster, Today FM recorded interviews with Professor Desmond Tobin, Director, Charles Institute of Dermatology and David McMahon, CEO, Irish Skin Foundation, and captured the student reactions to the sun damage they had seen on their face from the skin scanner.

UCD Researcher Awarded €2.5 million in European Research Council Funding

Professor Frederic Dias, an applied mathematician at UCD and a global leader in fluid dynamics research, has been awarded a prestigious European Research Council (ERC) Advanced Grant of €2.5 million. The funding will result in the establishment of six new research positions at the University.

Professor Dias, UCD School of Mathematics and Statistics and UCD Earth Institute, has received the ERC funding for a five-year study, entitled 'HIGHWAVE – Breaking of highly energetic waves'. This study is focused on improving our understanding of the physics and dynamics of breaking ocean waves to develop more accurate operational wave models.

Such models could help to improve wave forecasting models, improve criteria for the design of ships and coastal and offshore infrastructures, help to quantify seabed erosion by powerful breaking waves and quantify air-sea gas transfer. The ability to quantify CO2 transfer velocities is key to predicting future climate.

Professor Dias was previously awarded an ERC Advanced Grant in 2011 and is among only three Ireland-based researchers to be awarded a second Advanced Grant. The first researcher in Ireland to be awarded a second ERC Advanced Grant was geneticist Professor Kenneth Wolfe, who is also based at UCD.

Professor Dias has also recently been elected a foreign member of the prestigious Norwegian Academy of Science and Letters, in recognition of his global leadership in fluid dynamics research.



Pictured at UCD is Prof Frederic Dias.

The Academy is the most well-known academic society in Norway and serves to support advancement of science and scholarship both nationally and internationally. Membership of the Norwegian Academy of Science and Letters is limited to 250 seats for Norwegian members and 160 seats for foreign members.

Aircív de Ghaeilge agus de Bhéarla Daltaí Scoile a cuireadh le chéile i nGaeltacht Chonamara, 1986/87

Bhí ócáid bhreá ag Scoil na Gaeilge, an Léinn Cheiltigh agus an Bhéaloidis 26 Aibreán nuair a bhronn an tOllamh Sture Ureland arcív de thogra taighde ceannródaíoch i 1986/88 chun eolas a bhailiú faoi shaghas na Gaeilge agus an Bhéarla a bhí ag páistí dátheangacha i nGaeltacht Chonamara. Bhí formhór na ndaltaí a bhí i gceist i ranganna a 5 agus a 6 i scoileanna i gceantair ar nós An Spidéal, An Cheathrú Rua, Indreabhán agus Ros Muc. Taispeánadh scannán tostach dóibh i dtosach – cartún Rúiseach, *An Fear Saibhir agus an Fear Bocht*, nó *Modern Times* le Charlie Chaplin – agus ansin iarradh orthu aiste dhá leathanach a scríobh sa dá theanga. Scrúdaíodh an cumas teanga a léiríodh sna haistí ansin. De bhreis ar an ábhar scríofa rinneadh taifeadadh fuaimne sa dá theanga ar thuairimí na bpáistí i dtaobh na scannán.

Cuid de thaighde tras-Eorpach an Ollaimh Ureland ar Mhionteangacha a bhí sa togra seo. Chuimsigh an taighde ceithre réigiún ilteangacha eile chomh maith, mar atá, Alsace/Lorraine, An Eilbhéis, Tirol Theas agus Vilnius na Liotuáine. Tá an arcív faoi chúram Shainchnuasaigh UCD i Leabharlann James Joyce.



Sa phictiúr tá (l-r) An tOllamh Comhlach Diarmuid Ó Sé, an tOllamh Regina Uí Chollatáin, Evelyn Flanagan, Yvva Ureland, Professor Sture Ureland agus An tOllamh Liam Mac Mathúna.

Donation of archive material

In 1986-88 Professor Sture Ureland (Mannheim University) carried out a pioneering research project on how bilingual children in the Connemara Gaeltacht spoke and wrote Irish and English. Most of the children involved were in 5th and 6th classes in schools in areas such as An Spidéal, An Cheathrú Rua, Indreabhán and Ros Muc. The children were first shown a silent film – either a Russian cartoon, *The Rich Man and the Poor Man*, or *Charlie Chaplin's Modern Times* – before being asked to write a two-page essay in each language. The linguistic ability shown in the

essays was then analysed. The written work is complemented by tape-recordings of the children's reactions to the films in both languages. This project was part of Professor Ureland's EuroLinguistic Research on Minority Languages, in which he also studied four other multilingual contact situations, i.e. Alsace/Lorraine, Switzerland, South Tyrol and Vilnius, Lithuania. On 25 April, Professor Ureland donated the archive material from the Connemara Gaeltacht to UCD School of Irish, Celtic Studies and Folklore and it is now housed in the Dialect Archive within UCD Special Collections.



Pictured (l-r) are: Assoc Prof Crystal Fulton, Dr Annetta Zintl, Dr Aideen Quilty, Dr James Matthews, Assoc Prof Emma O'Neill, Assoc Prof Carmel Hensey and Dr Cliona O'Sullivan.

Fellowships in Teaching and Academic Development

Two Fellowship research teams have been formed to focus on university-wide enhancement in teaching and learning through strategic policy and practice-based research over the next two years. Seven Fellows were appointed following a competitive process. The themes for the projects are: 'Designing for Learning in the Virtual Learning Environment' and 'Teaching and Learning Across Cultures'.

Associate Professor Crystal Fulton, UCD School of Information and Communication Studies, Associate Professor Carmel Hensey, UCD School of Biomolecular and Biomedical Science, Dr James Matthews, UCD School of Public Health, Physiotherapy and Sports Science and Associate Professor Emma O'Neill, UCD School of Veterinary Medicine will work on Designing for learning in the VLE. This action research project will focus on the transition to Brightspace from a pedagogical perspective, exploring key questions around how the VLE could be leveraged to support the achievement of priority actions in UCD Education Strategy.

Dr Cliona O'Sullivan, UCD School of Public Health, Physiotherapy and Sports Science, Dr Aideen Quilty, UCD School of Social Policy, Social Work and Social Justice and Dr Annetta Zintl, UCD School of Veterinary Medicine will address

the theme of Teaching and Learning Across Cultures. This practice-based research project will explore the impact of cultural diversity on the teaching and learning environment and examine inclusive approaches to pedagogy and curriculum design that support all learners in UCD's global university.

The fellowship scheme aims to identify and develop faculty with both the pedagogic expertise and the leadership capacity to effect transformational change in teaching, learning and assessment practices both in discipline-specific areas and thematically, across the institution. Their work is focused in areas of strategic importance to the University and is informed by a scholarly approach to the enhancement of teaching and learning and UCD's curricular structures. Fellowship activities are informed by international research and experts in the field.

Ireland's first Digital Policy Programme



Ireland's first Digital Policy Programme was launched in UCD in collaboration with Microsoft. Pictured (above) at the launch are Professor Andrew J Deeks, UCD President and Cathriona Hallahan, Managing Director of Microsoft Ireland. Key elements include a new Masters Programme, an annual digital policy workshop and a proposed new academic centre drawing on current and new research capacity at UCD. The programme is co-ordinated by UCD College of Social Sciences and Law and the first workshop took place on 30 May with key stakeholders invited from Government, NGOs, academia and industry. Professor Colin Scott, Principal, UCD College of Social Sciences and Law and Vice-President for Equality Diversity and Inclusion commented that: "This programme builds on existing expertise in the College, on topics including transparency in electoral processes, trust and expertise, competition law and policy, regulation, data privacy, hate speech amongst others".

Online Exhibition to Mark the 70th Anniversary of the Declaration of the Irish Republic

Kate Manning, Principal Archivist, UCD Archives and John Gibney, Associate Editor, Documents on Irish Foreign Policy, Royal Irish Academy, co-curated a Google Arts exhibition to mark the 70th anniversary of the declaration of the Irish republic: *Republic to Republic: Ireland's International Sovereignty, 1919-49*. It was launched on 18 April and was featured in the Royal Irish Academy's anniversary event *Unexpectedly a Republic: A panel discussion on the 70th anniversary of Ireland becoming a republic* which was addressed by An Taoiseach.



Press conference in the White House, Washington DC, marking the implementation of the Kellogg-Briand Peace Pact which was signed in Paris in 1928. This was the first international treaty signed by the Irish Free State in its own right. Michael MacWhite, Irish Free State minister to the US is second from right. (UCDA P194/788. Papers of Michael MacWhite.)

Among the outstanding collections held in UCD Archives are collections concerning the individuals (former revolutionaries, politicians and diplomats) who were key figures in the shaping of independent Ireland's foreign policy. These collections have been heavily used by the Royal Irish Academy's *Documents on Irish Foreign*

Policy series since its beginning, so the partnership was a natural one. The online exhibition and printed catalogue use documents solely from the collections in UCD Archives.

The exhibition may be viewed at www.ucd.ie/library/exhibitions/republic.

Handbags and a Shemozzle in China!

One hundred and seventeen civil engineering students from China's Chang'an University, Xi'an, learnt all about the finer points of a shemozzle and handbags during their introduction to Gaelic football – part of a cultural exchange organised by UCD Bord na Gaeilge during this year's St Patrick's festival. The student hosts also had workshops in the Irish language, sean nós singing and tin whistle, all delivered with enthusiasm by UCD students.

Cuireadh fíorchaoín fáilte roimh fhoireann Bhord na Gaeilge UCD agus thug na mic léinn Síneacha faoi na ranganna Gaeilge le díograis. Bhí ceardlann dhátheangach acu leis an amhránaí ar an sean-nós, Seán Ó Casaide, mac léinn de chuid Scoil an Leighis UCD, agus ceardlann san fheadóg stáin le Marianna agus Séamus Ó Tiarnáin, beirt ceoltóirí ó Oileán Acla atá i mbun staidéar ar an nGaeilge,



The selfie (l-r): Marianna Ní Thiamán, Seán Ó Casaide, Séamus Ó Tiarnáin, Chenrui Zhao, Ywen Zhao and Yuening Wang

an mata agus an ceol in UCD. D'eascair cairdeas iontach idir na mic léinn, agus cuireadh clabhsúr leis an malartán cultúrtha le ceolchoirm Éireannach-Sineach, píob uilleann agus Guzhang san áireamh!

The Chinese students who took part in the cultural exchange are enrolled in the UCD School of Civil Engineering and The School of Highways at Chang'an University (CHD) new dual degree programme, an initiative headed by Associate Professor Paul Fanning, UCD School of Civil Engineering and Deputy Vice-President of UCD Global, with Professors Shane Donohue and Daniel McCrum as well as administrator Beini Chen. Clár Ní Bhuachalla, Director, UCD Bord na Gaeilge, which has recently joined the UCD Global Engagement portfolio, led the cultural programme. Bord na Gaeilge has both a national and international remit to promote UCD as the centre of Irish cultural learning on the island of Ireland, forging connections with third level institutes globally. Its work attracts a large number of international students to UCD each year and among the projects it administers is the *Teach na Gaeilge* scholarship scheme, a mini-Gaeltacht for full-time students on the UCD Belfield campus.

UCD signs MOU with Special Olympics Ireland

On 10 June, a ceremony was held to mark the culmination of a process led by the UCD Employee Engagement Network to select an External Community Charity Partner - Special Olympics Ireland (SOI). SOI is well known to many UCD community members who already volunteer and contribute to the charity's mission to provide year-round sports training and a programme of competition for people with an intellectual disability.

SOI joins UCD Volunteers Overseas and UCD Champions Scholarship Fund as the University's charities of choice as chosen by employees. In the past, UCD has supported SOI by providing facilities for the 2003 World Games and the 2018 Ireland Games and many training events and workshops have been held on the campus over the years. Through this new collaboration, Special Olympics Ireland and UCD aim to work together in a multitude of



Pictured are SOI athletes, who played an exhibition basketball match, Prof Joe Carthy and Matt English.

areas including volunteering, research, awareness raising, training and education.

To mark the occasion, an exhibition basketball game was held in the UCD Sports Centre by SOI athletes, followed by an official Memorandum of Understanding signing

between Professor Joe Carthy, Chair, UCD Employee Engagement Network and Matt English, CEO, Special Olympics Ireland. The occasion was also used to present Special Olympics Ireland with €8,000, the proceeds from the UCD Oskars event.

Irish Young Philosopher of the Year Awards

Professor Colin Scott, Principal of UCD College of Social Sciences and Law and Vice-President for Equality, Diversity and Inclusion (EDI) welcomed President Michael D Higgins and Mrs Sabina Higgins to the second Irish Young Philosopher Awards Festival held on Wednesday 15 May in UCD O'Reilly Hall.

UCD College of Social and Sciences and Law was delighted to support this wonderful initiative founded by Dr Danielle Petherbridge, UCD School of Philosophy and colleagues in the UCD School of Education. The number of participants doubled this year with 350 finalists chosen and over 700 students, teachers and parents in attendance. Students submitted their philosophy projects using various mediums including posters, films, essays, and podcasts. They also visualised their philosophical thinking in mind-maps and posters. Students from third to sixth class of primary school, plus all students at post-primary level, on the island of Ireland were eligible to participate.

Students submitted projects on a variety of philosophical topics including nature and environmental ethics, ethical companies and corporations, artificial intelligence and ethics, freedom and free speech, fake news and facts, reality and perception, gender representation, happiness, aesthetics and beauty and critical thinking. The overall winner was Lauren Doyle (16) a transition year student at Mount Sackville Secondary School who was awarded the Grand Prize, sponsored by Arthur Cox for her project: Why is nature beautiful and why do we destroy it?



Pictured are Mrs Sabina Higgins, overall winner Lauren Doyle, a transition year student at Mount Sackville Secondary School with President Michael D Higgins.

Poetry Ascending at UCD

At this year's UCD Festival, the James Joyce Library hosted its 4th annual celebration of poetry and music, featuring an exciting line-up of poets and performance artists, including Annemarie Ní Churreáin, Emmet Kirwan, Natalya O'Flaherty, Liz Quirke and Stephen Sexton, with music by Farah Elle. As poet and MC Elaine Feeney observed, this event is now an important fixture on the Irish poetry calendar, offering visitors a chance to enjoy new and established voices, and to hear work from the poets of the future, those enrolled on the UCD undergraduate and postgraduate programmes in Creative Writing. The full programme has been recorded, and will be preserved and made available in the Irish Poetry Reading Archive, which is hosted on the UCD Digital Library platform.

This spring UCD has played host to the Poetry Jukebox, an international sound installation bringing poetry into public spaces. The UCD Jukebox is the first in the Republic of Ireland, and it links Dublin to more than 15 cities around the world, including Berlin, Brussels, New York and Prague. It also marks an important collaboration between Irish women poets north and south of the border. This is all thanks to poet and arts activist Maria McManus who, together with Deirdre Cartmill, brought the Poetry Jukebox to Belfast in 2017. For the past two years it has enriched the poetry scene in the city with innovative curations, one marking the 20th anniversary of the Good Friday Agreement, and another celebrating LGBTQ poetry from around the world.

The Irish Poetry Reading Archive has brought a Jukebox to the UCD campus where, for the past two months, anyone passing the entrance to the James Joyce Library is invited to pause and listen to the voices of Irish women poets. It has been hugely popular with faculty, staff, students and visitors alike. In celebration of the Fired! movement which seeks to bring poetry by women to greater public and critical attention, the UCD Jukebox offers recordings of ten contemporary women poets, each reading a poem of their own and one by a precursor. The poems chosen by Maureen



Enjoying the 'sounds' are Assoc Prof Lucy Collins with poet and playwright, Maria McManus, whose not-for-profit company introduced the Poetry Jukebox to Ireland.

Boyle, Kimberley Campanello, Siobhan Campbell, Celia de Fréine, Ailbhe Darcy, Moyra Donaldson, Bernadette Gallagher, Maria McManus, Alex Pryce and Anne Tannam reveal the range of rich and memorable work written by women on this island.



Let it rain!

It has been an unusually wet spring but, for once, we're not complaining. For the next few months rain showers are causing poems to bloom on campus – on the concourse outside the James Joyce Library, and on the paths near the lake. This outdoor art installation has been created by the Irish Poetry Reading Archive in collaboration with three of Ireland's well-known Haiku poets, and student winners of the 2019 UCD Haiku competition.

Made using stencils and water-resistant spray paint, these hidden haiku poems become visible on rainy days. Thanks to UCD Library staff (and the rain gods) we can enjoy work by Irish-language writer Gabriel Rosenstock, award-winning poet and children's author, Amanda Bell, and founder of Haiku Ireland, Maeve O'Sullivan. Poems from the recent UCD Haiku Competition, run by Dr Lucy Collins from the UCD School of English, Drama and Film, were also featured: including work by joint winners Nidhi Zakaria Eipe and Liz Houchin as well as two of the shortlisted entries by Darcey Dugan and Lianne O'Hara.

These three poetry initiatives would not have been possible without the support of UCD Library and UCD Festival committee, and installation support from UCD Estates.



UCD President, Prof Andrew Deeks and His Excellency Dr Xiaoyong Yue, the Chinese Ambassador to Ireland, with the successful students and event attendees.

Chinese Proficiency Competition for Foreign College Students

UCD President, Professor Andrew Deeks welcomed His Excellency Dr Xiaoyong Yue, the Chinese Ambassador to Ireland to UCD and both addressed students at the Irish final of the 18th 'Chinese Bridge' Chinese Proficiency Competition for Foreign College Students which took place on 18 April. The event was hosted by the Confucius Institute Headquarters

(Hanban) and co-organised by the Education Section of the Chinese Embassy in Ireland, the UCD Confucius Institute for Ireland and UCD Irish Institute for Chinese Studies. This year's competition attracted a total of 15 contestants from UCD, University College Cork, NUI Maynooth, Dublin City University and Technological University of Dublin.



Ambassador William L. Swing, UCD President Prof Andrew Deeks and UCD Dean of Law, Prof Imelda Maher.

UCD School of Law pays tribute to Peter Sutherland

On Friday 29 March, UCD Sutherland School of Law hosted a memorial event for Peter Sutherland. Peter was one of UCD's most distinguished alumni on both a national and international stage. Together with his family, friends, former classmates and colleagues, the School gathered to pay tribute to this accomplished man. Lauded as a humanitarian and champion of migrants, Peter built a global reputation over a lifetime of achievements in law, business and international affairs.

Ambassador William L. Swing – a former Special Representative of the UN Secretary-General who served two terms as Director General of the International Organization for Migration – was the keynote speaker on the day. He highlighted Peter's contribution to migration and his creation of the Global Forum on Migration and Development.

Peter Sutherland is also well known for having founded the Erasmus programme and it was fitting on the day to have two Erasmus students, Lucile Nassif and Daire Cassidy speak about their wonderful experiences while taking part in the Erasmus programme in UCD.

Later in the day, a panel discussion took place with representatives from Peter's personal, political and business life. The discussion was chaired by Declan McCourt, Chairman of the UCD Law Development Council with Dr Catherine Day, former Secretary-General of the European Commission, Gregory Maniatis, Director of the Open Society International Migration Initiative, Judge Garrett Sheehan, retired Judge of the Court of Appeal and Rory Godson, CEO Powerscourt Group and Chair of The Ireland Funds Great Britain.

described the need for investment in new discovery. Deirdre O'Shea from Agri Aware highlighted the importance of protecting Ireland's green reputation and helping consumers connect with agriculture. Dr Miriam Ryan from Dairy Industry Ireland spoke about making the industry an attractive employer. While Aoife Murphy, Director of Ingredients at Glanbia Ireland pointed to effective communications with consumers and developing sustainable technologies being key. In closing the Industry Day, Prof Orla Feely, UCD Vice-President for Research, Innovation and Impact highlighted the renewed emphasis in the agri-food sector on the importance of innovation, pointing to UCD's ability to work with industry to innovate into the future.



Pictured (l-r): Prof Dolores O'Riordan, Dr Conor Galvin and Aoife Murphy.

UCD at the Heart of Innovation in Agri-Food

The UCD Institute of Food and Health welcomed more than 50 key members of the food industry to the University Club for its Industry Day 2019 on 10 June, along with UCD researchers, to discuss the future of agri-food in Ireland and globally.

"It was wonderful to see such a great turnout from the food industry and to hear their insights on the future of agri-food," said Professor Dolores O'Riordan, Director of the Institute. "The event drove home for us the need to keep the consumer at the heart of our research and to enhance our communications based on robust scientific evidence."

A panel chaired by Professor Pat Wall explored UCD's excellent track record collaborating with industry to address their

research needs and requirements. Three videos showcased recent industry partnerships, with John Fagan (BIM), John Gilliland (Devenish) and Sinead Ryan (Marigot) joining UCD researchers on the panel. "Working closely with UCD brought new energy and new ideas" to his team's work, according to Mr Fagan. "You don't work in silos in UCD – you have the breadth of knowledge and they are particularly good at pulling that into the project," Ms Ryan told the gathering.

Another panel chaired by Associate Professor Eileen Gibney asked how Executive Education can best meet the needs of UCD's industry partners. Dr Manus Mitchell and Paul Kent of PepsiCo and Philip Tallon of Dawn Meats told the gathering about their work on bespoke executive education with UCD's Dr Fiona Lalor and Julie Dowsett.

"UCD has the knowledge and the people – we want to work with industry to find out how best to tailor that to your needs," said Professor Alex Evans, UCD Dean of Agriculture and Head of UCD School of Agriculture and Food Science, who also sat on the panel.

The closing panel focused on the future of agri-food. Dr Conor Galvin, Head of Commercial and Business Development at Dairygold



Pictured are Helen Brophy, Director of Executive Development and Prof Tony Brabazon, Dean of Business.

UCD Smurfit Executive Development ranked top 25 in Europe by Financial Times

UCD Smurfit Executive Development has been ranked 24th in Europe and 43rd in the world for its Open Enrolment programmes according to the prestigious 2019 Financial Times Executive Education Rankings which have been published today. In securing the 43rd place, it is the third consecutive year that Smurfit Executive Development has achieved a global top 50 ranking, rising five places from the 2018 ranking of 48th.

By securing a top 25 ranking amongst European peers, UCD Smurfit Executive Development is one of only 10 business schools in the UK and Ireland to feature in the ranking including London Business School, Cambridge and Oxford.

The study, which assesses performance across a number of criteria including course quality, faculty and diversity, showed UCD

Smurfit Executive Development ranked in the top 50 across multiple categories including Aims Achieved (33rd) and News Skills and Learning (44th). A position of 46th was achieved for Quality of Executives which are largely comprised of mid to senior level executives. The new world-class facilities at the Blackrock campus were ranked highly, contributing to the advance in position.

Professor Peter Holt Award for Clinical Research

Ronan Mullins, Assistant Professor in European Specialist in Small Animal Surgery at UCD School of Veterinary Medicine has been awarded the Professor Peter Holt Award for Clinical Research by the Association of Veterinary Soft Tissue Surgeons (AVSTS). Ronan received the award for the best written abstract submitted to a meeting of the AVSTS, BSAVA (British Small Animal Veterinary Association) and ECVS (European College of Veterinary Surgeons) during the previous 12 months for his paper *Effect of prophylactic treatment with levetiracetam on the incidence of postattenuation seizures in dogs undergoing surgical management of single congenital extrahepatic portosystemic shunts*.

The Peter Holt award was set up in recognition of the illustrious career of Professor Peter Holt following his retirement. The winner is decided by the committee of the AVSTS and is then invited to the Spring meeting to present their abstract and to accept the award.

Last year Ronan won the prestigious European College of Veterinary Surgeons (ECVS) Resident Award for Best Small Animal Soft Tissue Presentation for his presentation *Intraoperative and major postoperative complications and survival of dogs undergoing surgical management of epiglottic retroversion: 50 dogs (2003–2017)*.



Pictured is Ronan with the Professor Peter Holt Award for Clinical Research.

Cyber threats driving research

According to a recent cybercrime report from Cybersecurity Ventures, the frequency and scale of cybersecurity attacks are increasing every year, and there is an acute shortage of qualified cybersecurity specialists and solutions available to respond to this. It is estimated the cost of this new-age crime will reach \$6 trillion globally by 2021.

Aligned with this serious imperative, research in the space is now a key focus for UCD. The University hosted its Cybersecurity Colloquium in May to showcase the breadth of its world-class research, with contributions from partners including IBM, EXEDEC, Mastercard and DAC Beachcroft. Speaking at the event, Professor Orla Feely, UCD Vice-President for Research, Innovation and Impact, said: "Cybersecurity is an area that is a huge strategic priority for Ireland and for us in UCD, as a national leader in cybersecurity research. We know the solutions are not solely technical but will draw also on social sciences in areas such as psychology, behavioural analysis, ethics and law". Professor Feely also stressed the need for a national research centre to develop solutions for global cybersecurity challenges.

Also speaking at the event was Dr Lilianna Pasquale, UCD School of Computer Science and LERO SFI Software Research Centre. It was announced in February Dr Pasquale will co-lead a team of Irish researchers forming part of a consortium selected for a €15 million H2020 cybersecurity project, CyberSec4Europe. The 42-month project will strengthen research and innovation competence and cybersecurity capacities of EU Member States.

UCD Researchers win MSCA funding for Innovative Training Networks

Three researchers from UCD each won €4 million for three Innovative Training Networks via the prestigious Marie Skłodowska-Curie Actions (MSCA) grant programme.

Covering diverse areas including agri-bioeconomy technologies, vaccinology and oocyte biology, each ITN will recruit and train 15 early stage researchers (ESRs) for approximately four years.

Dr Fionnuala Murphy, UCD School of Biosystems and Food Engineering will head up the new AgRefine ITN which will provide training in advanced technical subject areas including chemical and process engineering, life-cycle assessment and economics. Dr Murphy said: "The AgRefine ITN will train ESRs to become the bioeconomy leaders of tomorrow, with the necessary skills and knowledge to position Europe as the global leader in developing an agri-bioeconomy industry based on advanced biorefinery technologies".



Pictured are (l-r): Assoc Prof Trudee Fair, Assoc Prof Siobhan McClean, Prof Orla Feely and Dr Fionnuala Murphy.

Dr Siobhán McClean, UCD School of Biomolecular and Biomedical Science won funding for the BactiVax network, which includes academic partners from eight EU countries, Pfizer and an SME with expertise in immune-monitoring. Speaking about the new vaccines development programme, Dr McClean said: "The BactiVax project is unique as there is no other holistic PhD program offering the diverse range of cutting-edge academic and technology training that is vital for the vaccinology field".

Finally, Associate Professor Trudee Fair, UCD School of Agriculture and Food Science will lead the EUROVA network, which will train a new cohort of reproductive scientists with a view to driving innovation in specialised areas including assisted reproduction technologies (ART) and animal breeding. She said: "Our

network's member profile is very multidisciplinary. Our backgrounds include expertise in cell biology, human and farm animal research and clinical fertility treatment, wildlife conservation, genetics, machine learning and artificial intelligence, microfluidics and design innovation".

The MSCA Innovative Training Networks are among Europe's most competitive and prestigious awards, for training a new generation of creative, entrepreneurial and innovative early-stage researchers.



Pictured are (l-r) Dr Rosa McNamara, SVUH with Catriona Keane, Student Adviser, UCD College of Science and Dr Niamh Nestor, Student Adviser, UCD School of Veterinary Medicine.

UCD Purl Jam's collaboration with St Vincent's Hospital

UCD Purl Jam visited St Vincent's Hospital (SVUH) on Thursday, 6 June to talk about their most recent charity project: Twiddlemitts for patients living with dementia.

A twiddlemitt is a type of knitted/crocheted hand/arm warmer that is decorated with beads, buttons, zips, keys - generally, items of different textures that can be touched/moved or 'twiddled'. This twiddling action can help to ease distress, stress and anxiety and the mitt provides warmth and comfort.

The Twiddlemitt was developed by Margaret Light after her grandmother's sight started to deteriorate. Margaret's grandmother was creative and enjoyed using her hands to make items; she became increasingly distressed when this was no longer possible. Margaret decided to make her a Twiddlemitt to help ease her anxiety during distressing moments. The idea really took off, and hospitals often put out calls to craft groups for Twiddlemitts. UCD Purl

Jam got their callout from Dr Shane O Hanlon, Consultant Physician in Geriatric Medicine at SVUH. This was serendipitous as at the time up to fifteen Purl Jammers were working on mitts that were just yearning for a home.

UCD Purl Jam is currently on a summer break and will begin its meet-ups again in September. The group welcomes students, faculty and staff of all levels of experience (or none).



A sample of the Anatomy Drawing for All sketches.

'Anatomy Kingdom' Art Exhibition

An exhibition of artwork depicting elements of veterinary anatomy was held in the UCD O'Brien Centre for Science on 10 April. The 'Anatomy Kingdom' art exhibition was the brainchild of staff from UCD School of Veterinary Medicine and was funded by UCD's SPARC (Supporting Partnership and Realising Change) programme. The Anatomy Drawing for All Project saw staff and students of all artistic abilities from across the University come together for lunchtime drawing sessions. The classes were held every Monday over a six-month period, and the specimens used in the classes were from the School's anatomical teaching collection.

Niamh Nestor (Student Adviser), Marie Tumilson (Senior Laboratory Attendant), Catherine McCarney (Senior Technical Officer), Maria Lagan (4th Year Vet student and Auditor of VetSoc) and Peter Howard (4th Year Vet student and Treasurer of VetSoc) from the Vet School teamed up with Catriona Keane (Student Adviser for the College of Science) to manage the project, and the classes ran under Catriona's excellent art direction and supervision. The exhibition proved to be a fantastic opportunity for the participants to display their work and we were delighted that so many people from across campus came to have a look.

Protecting our Food Safety

PROTECT is a €2.1 million Marie Skłodowska-Curie Action Innovative Training Network (ITN) funded through the European Commission's Horizon 2020 programme which is led by Professor Enda Cummins, UCD School of Biosystems and Food Engineering. Its aim is to train highly-skilled researchers on a range of predictive modelling tools to evaluate the effects of climate change on food safety. The consortium consists of 15 partners from 11 European countries comprising eight academic partners, six industry partners (Danone, Nestlé, Clun, Nizo, Creme Global and ARLA foods) and the United Nations FAO.

Growth in the world population coupled with significant uncertainty about the effects of climate change on food safety continues to put upward pressure on already vulnerable food supplies.

Factors such as temperature increase, variation in precipitation, and consequently production practices, will result in increased vulnerability in Europe to established foodborne hazards while also potentially resulting in a



Pictured at the launch are (l-r): Prof Colm O'Donnell (Head of UCD School of Biosystems and Food Engineering), Prof Enda Cummins, Prof Dolores O'Riordan (Director, UCD Institute of Food & Health and Vice-President For Global Engagement) and Dr Wayne Anderson (Director, Food Science and Standards, Food Safety Authority of Ireland).

microbial evolution stress response and new pathogen emergence.

The PROTECT Training Network will provide sound scientifically-based knowledge for management options and decisions on new and emerging food safety threats due to climate change. Tools will focus on the change in

chemical levels and microbial populations in relation to the food industry and assess how levels will change under climate change pressures. The skills and knowledge gained through the network will be a critically important step towards better management of future food supplies.



Cast members from The Snapper at the UCD Oskars premiere in O'Reilly Hall.

UCD Oskars puts on a Show

Some 50 cast members, 6 films and 500 audience members combined to raise €24,000 for UCD's three charities of choice, Special Olympics Ireland, UCD Volunteers Overseas and UCD Champions Scholarship Fund.

Initiated by the UCD Employee Engagement Network and Culture & Engagement, UCD HR together with Equality, Diversity & Inclusion, UCD Oskars celebrated creativity and inclusive engagement. Over six weeks the cast members, from across UCD, worked incredibly hard to develop their acting skills, learn their lines, organise filming logistics and fundraise. At the premiere in O'Reilly Hall on 29 May 2019, the six films (Bridesmaids, Sister Act, Taken, Forrest Gump, The Snapper and Father Ted – Speed 3) were shown and through a combination of judging panel deliberations, audience votes and fundraising totals the following UCD Oskars were awarded:

Best supporting actor in a female role – Tasneem Filaih (playing Jackie in The Snapper)
Best supporting actor in a male role – Gavan Stanley (playing Pat Mustard in Father Ted – Speed 3)

Best actor in a female role – Teresa Caneda (playing Dolores in Sister Act)

Best actor in a male role - Gavin Barrett (playing Bryan in Taken)

Best use of UCD locations – Forrest Gump (Srivats Chari, Giuliana Rocca, Shona Baker, Colum Cronin, Claire Redmond, Lynsey Potter, Aidan Prinsloo, Douglas Proctor, Paddy Sweeney and Thomas Fitzgerald)

Highest grossing film - Taken (Gavin Barrett, Manon Tissier, Ruth Duffy, Zoheb Khan, Sinead McGinley, Dawn Slattery, Stéphane de Bairéid and Justin Ivor)

Best film – Bridesmaids (Jacqueline Levine, Chiara Zaccheo, Siobhan McGovern, Emma Donnelly, Nicola Tyrell-Maher, Chantelle Guilfoyle, Kaylin Bednarz, Liam Molly, William Gallagher and Yaswanth Sampathkumar)

EALTA 2019 conference

The 16th European Association of Language Testing and Assessment (EALTA) conference was hosted by the Applied Language Centre in UCD over the June Bank Holiday weekend.

The event was attended by 220 participants from 34 countries. The plenary speakers, Talia Isaacs (University College London), Detmar Meurers (University of Tübingen) and Michael T Kane (Educational Testing Service, USA) delivered outstanding plenaries on critical developments in language testing and assessment. The pre-conference workshops, Special Interest Group (SIG) meetings and parallel presentations were of a particularly high standard and covered changing aspects of language testing and assessment such as classroom based assessment, language testing for migrants, eye tracking studies and much more.

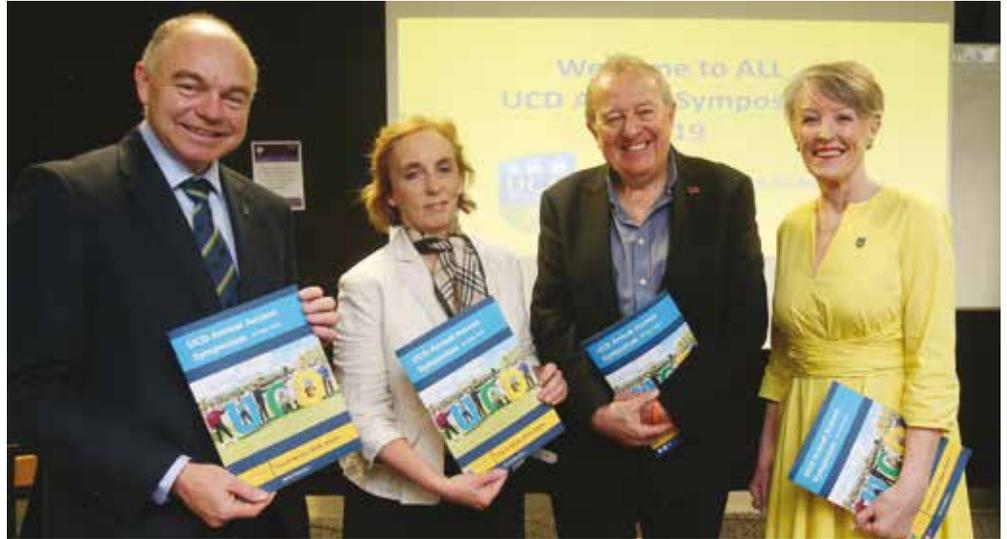
UCD Access Symposium 2019

On Thursday 30 May, UCD Access & Lifelong Learning (ALL) celebrated its fourth annual access symposium. This year's theme was 'You'll Never Walk Alone' and the keynote speaker was criminologist, academic and social justice campaigner Professor Phil Scraton, who was introduced by Professor Grace Mulcahy, Chair of the UCD Widening Participation Committee. Professor Scraton is best known for his investigative research into the 1989 Hillsborough disaster and his work on social justice campaigns. His keynote address focused on the challenges involved in bearing witness to the pain of others in a social, political and economic rights context.

The welcome address was delivered by UCD President, Professor Andrew Deeks. President Deeks highlighted the importance of creating an inclusive university, where all students feel welcome, and that their experience, perspective and opinions are respected and valued. "In UCD, we pride ourselves on the diversity of our student population, and on our progress in creating a University for All."

There was a celebration of UCD's Cothrom na Féinne scholars and graduates. It is the largest access scholarship programme in the country, named for University motto, 'justice and equality'. This scholarship programme is made possible through the generosity of UCD Alumni and supports students who may not traditionally be in a position to access third-level education. These include students from low-income backgrounds, lone parents, people with a disability, refugees, and members of the travelling community, amongst others. In 2018, UCD awarded 135 Cothrom na Féinne Scholarships.

The Symposium also saw the launch of a collaborative publication between IADT and UCD. The *Inclusive Assessment and Feedback* publication included case studies of good practice from both institutions and was edited by Dr Lisa Padden, Julie Tonge, Dr Therese Moylan and Associate Professor Geraldine O'Neill. Both IADT Registrar Dr Andrew Power and UCD Registrar and Deputy President, Professor Mark Rogers launched the publication. Professor Rogers said "It is encouraging to see the contributors showcase such varied and integrated approaches, highlighting the



Pictured are Prof Andrew Deeks, Prof Grace Mulcahy, Prof Phil Scraton and Dr Anna Kelly.

importance of creating space for deeper learning and opportunities for feedback".

With over 100 delegates in attendance, the UCD Access Symposium successfully highlighted the ongoing work to create a diverse and inclusive community and focused on the commitment to creating a 'University for All'. As ALL Director Dr Anna Kelly said: "We believe that our student population should reflect the wider population, and we work to achieve this by not only ensuring students from diverse backgrounds are given the opportunity to attend UCD, but are continuously supported during their time here."

UCD Study Reveals Toyota Hybrids Drive Over 60% of the Time in Zero Emissions Mode

A new study carried out by UCD academics has revealed that in typical Irish commuting conditions, Toyota's hybrid powertrain system drives in zero emissions mode (ZEV) for significantly more than half (62%) of the time and over 40% of the distance covered.

Those were the key findings of a study carried out by four UCD academics and commissioned by Toyota Ireland through ConsultUCD, the University's managed consultancy service.

The study entitled 'Energy Behaviour of Toyota Prius Hybrid Vehicles in Sample Irish Commuting Conditions' was authored by Professor Robert Shorten and Assistant Professor Giovanni Russo, UCD School of Electrical and Electronic Engineering, Associate Professor Francesco Pilla, UCD School of Architecture, Planning and

Environmental Planning and Associate Professor David Timoney, UCD School of Mechanical and Materials Engineering.

Zero emissions mode describes the time the internal combustion engine is not running and the vehicle is therefore emitting no pollutants. The longer the car is in ZEV mode the more significant the air quality benefits for other road users. The study tracked seven drivers who commuted to UCD, Belfield from Drogheda, Wicklow, Aughrim, Smithfield, Blackrock and Dundrum (2), over a full week each during last November, combined with normal additional family driving. Conclusions are based on the analysis of the more than 2,000 kilometres of driving across motorways, rural roads and city driving that resulted. The routes reflect typical Irish commuting conditions. The researchers measured the time the cars spent in zero emissions mode versus internal combustion mode. No restrictions or driving guidelines were given to the drivers.

Associate Professor David Timoney said: "Highlights of the study include a high percentage of zero emissions driving recorded across a wide range of conditions, which may provide environmental benefits for the wider population. Also noteworthy is the close agreement of the measured fuel economy with the official worldwide harmonised light vehicle test procedure figure."

ConsultUCD is supported by Enterprise Ireland through the Technology Transfer Strengthening Initiative, managed by Knowledge Transfer Ireland.

Young Economist of the Year Awards



Pictured: Prof Judith Harford, Vice-Principal for EDI, College of Social Sciences and Law and Prof Colin Scott with students from St Wolstan's Community School.

UCD College of Social Sciences and Law, UCD School of Education and UCD School of Economics were delighted to host the 2019 Young Economist of the Year Awards in O'Reilly Hall on 2 May. Young Economist of the Year (YEOTY) is an initiative of the Professional Development Service for Teachers (PDST) supported by UCD School of Education; UCD School of Economics; Department of Economics, Accounting and Finance, Maynooth University; School of Business and Economics, NUI Galway; School of Education NUI Galway; the Irish Economic Association (IEA); Laois Education Centre; the Irish Government Economic and Evaluation Service (IGEES) and the Central Bank of Ireland. The PDST is funded by the Teacher Education Section (TES) of the Department of Education and Skills (DES) and managed by Dublin West Education Centre.

The overall winner of the competition was sixth year student Kim Sihoo from Rockwell College and he will represent Ireland in the International Economics Olympiad in St Petersburg in July. Other categories included the Equality, Diversity and Inclusion award presented by Professor Colin Scott. St Wolstan's Community School, Celbridge were the winners in this category for their research on the economics behind gender inequality in sports



Dr Tony O'Neill Sports Persons of the Year 2019 (l-r) David O'Malley and Shane Mulvey.

Sports Awards 2019

At the Bank of Ireland UCD Athletic Union Council Sport Awards ceremony held in May in the UCD Student Centre, over 380 students from 21 different sports clubs were honoured for their sporting achievements on behalf of the University over the last twelve months. A number of special awards were presented on the night.

World Under-23 Irish Lightweight gold medallists Shane Mulvaney and David O'Malley were named as the *Dr Tony O'Neill Sports Person of the Year*.

The Men's Airicity League Premier Division team was named the *Elite Team of the Year* following their promotion from the First Division.

The Ladies Hockey Club was also named the *Elite Club of the Year* in recognition of not only their competitive success winning the University Championships (Chilean Cup), but also their superb organisation off the field of play.

In terms of other award winners the Ladies Tennis team was named the *Varsity Team of the Year* following University championship victory

for the fourth year in a row. The Karate Club was named the *Varsity Club of the Year*.

The *David O'Connor Memorial Medal* was presented to hurler Paul Crummey and the *Dr Padraic Conway Memorial Medal* was presented to the GAA Club's Sean Brennan.

The *Gerry Horkan Club Administrator of the Year* was presented to Sam Totterdell of the Tennis Club.

The Men's Boat Club's senior treasurer and coach Niall Farrell was the recipient of the *Bank of Ireland Graduate of the Year*. The Mountaineering Club received the *Bank of Ireland Club Inclusion Award* and the Volleyball Club won the *Bank of Ireland Event of the Year Award* for their hosting of the Volleyball Intersvarsities and club blitz.

Commenting on the sporting achievements UCD President, Professor Andrew Deeks, said: "Sport is an integral part student life at UCD and the fact that we have so many students from so many clubs who are not only triumphant at Intersvarsity level, but many others taking on the cream of competition nationally and internationally, underlines the quality of our sportsmen and women".



Bethany Barr in action for UCD Ladies Hockey.

Women's FIH Hockey Series Finals - UCD Ladies Hockey Reps

Bethany Barr and Lena Tice were both selected in the squad for the FIH Series Final tournament in Banbridge. This tournament is the first stage in the Olympic qualification process for the Irish women.

Barr scored in a 2-1 win over Malaysia in the opener on 8 June. Ireland then cruised to a 8-1 victory over Czech Republic. With a semi-final place more or less already secured, Ireland faced Singapore on 11 June and were resounding winners in an 11-0 victory.

At the time of writing the team are one win away from landing a guaranteed shot at Olympic qualification, Ireland play the winner of Scotland v Czech Republic with Malaysia and France awaiting them in the second semi-final.



Overall winners with the Centenary Cup.

Boat Club Success

UCD Ladies Boat Club and Men's Boat Club took home the Centenary Cup as Overall Winner at the 2019 University Championships in Lough Rynn in early June.

The Wylie Cup was secured for the 20th time along with wins in the following categories;

Men's Club 1 4+, Men's Intermediate 4+, Men's Novice 8+, Men's Senior 2-, Men's Senior 4-, Men's Senior 8+ and Women's Novice 8+.

At the London Regatta, the Men's Championship 4- crew had a major win. While at the Dublin Metropolitan Regatta, the Ladies Intermediate crews were victorious in the Senior 8+ and Club 2 8+ races.

World Rugby U20 Championship

UCD Rugby had two Irish Rugby representatives at the World Rugby U20 Championship in Argentina.

Charlie Ryan (captain) and Michael Milne, who were both involved in Irelands U20 Grand Slam victory earlier in the year, first faced a strong England team but came out with a bonus point victory in a score line of 42-26.

The second pool game was a tough encounter with Australia. Ireland were reduced to 14 men and while they lead mid-way through the second half, the team ultimately fell to a 45-17 defeat.

In the final group game against Italy, Milne started and scored the games first try with Ireland winning 38-14 in a bonus point win.

The team was narrowly beaten by England in the 5th-8th place playoffs.

Two students awarded Sanofi Future Female Leader Scholarships

Ruth Moore, a 2nd year Physics student and Niamh O’Connell, a 2nd year Chemical and Bioprocess Engineering student were presented with their Sanofi Future Female Leader Scholarship awards today at the facility in Waterford.

Introduced on a pilot basis in 2018, the scholarships are promoted by Sanofi to encourage greater female participation in professional disciplines where women are traditionally under-represented. As recipients of Sanofi Future Female Leader Scholarships, both students will receive an annual scholarship allowance of €3,000 each; mentoring from a senior leader at Sanofi Waterford; a paid summer placement and – where their course provides for it – a paid internship. They will also be eligible for fast-track applications to the company’s graduate programme.

Kerry native Niamh O’Connell is a Bord na Gaeilge Scholar, a Naughton Foundation Scholar and the Competition and Skills Officer of the UCD Surf Club. During the summer, she will complete a four-week placement in Tanzania where she will be teaching basic computer skills to teachers and secondary school students.

From Dublin, Ruth Moore is a STEAM (science, technology, engineering, arts and mathematics) Fellow at the UCD Innovation Academy and Outreach Officer for the University’s Women in STEM Committee. She is also a science peer mentor at the college and Sponsorships Officer for the UCD Food Society. In addition, she has competed



Assoc Prof Patricia Kieran, UCD School of Chemical and Bioprocess Engineering with Niamh O’Connell, Ruth Moore and Carla Naltchayan, Student Internship Manager, UCD College of Science,

internationally in debating. Later this year, she will travel to California to participate in a three-week programme in manufacturing and technology innovation.

Presenting the scholarships, Ruth Beadle, Site Head, Sanofi Waterford, said: “We had

more than 100 applicants for the two scholarships from second and third year students at UCC, UCD and WIT this year so Ruth and Niamh have come through a very competitive process and proven themselves among the best of the best”.



AgSoc Charity Donation

Congratulations to AgSoc who raised a whopping €65,000 as a result of various social and educational events organised throughout the year. This is the largest sum of money raised by AgSoc to date, according to the group’s auditor, Michael Geary. The Irish Motor Neurone Disease Association received a donation of €40,000 to support Fr Tony Coote’s Walk While You Can Campaign, while the Kevin Bell Repatriation Trust was the recipient of €25,000.

AgSoc’s primary objective is to provide an opportunity for students with a common interest to come together, make friends and build networks while studying at UCD. Their calendar of events and fundraising activities have grown steadily in recent years with nearly 20 events and initiatives held this year, including Ag Week and Careers Day.

UCD student Emily Sheridan runner-up in 2019 Mary Mulvihill Award

Emily Sheridan, a PhD student at UCD’s Centre for BioNano Interactions, received a judges’ special distinction award, which includes €500 in cash in the Mary Mulvihill Awards, the science media competition for third-level students that commemorates the legacy of science journalist and author Mary Mulvihill (1959–2015).

Emily is researching the interactions between nano-scale devices and biological systems. She has a parallel interest in science communication and has worked as a mediator at Science Gallery Dublin and is currently Dublin co-ordinator for Pint of Science Ireland.

Her entry, entitled ‘A Tale of a Life Lived for Science from an Unlikely Narrator’ comprised an account of her own journey in science and her parallel journey in learning how to cope with mental health challenges that developed during her teenage years. The judges described the piece as “a very readable, engaging and honest account of her personal motivations and struggles with science and how it has shaped her life”.

There was a record number of entries for this year’s competition, which invited entries on the theme of ‘Science for the love of it’. Entrants were encouraged to submit work in any format that explored the personal motivations and passions of scientists. As a writer and broadcaster, Mary Mulvihill was motivated by her love of science, and she often chose to feature scientists who themselves showed passion—and love—for their work.



Pictured is Emily Sheridan receiving the Judges’ Special Commendation Award from Ann O’Dea, founder of Inspirefest and co-founder and CEO of Silicon Republic.