

UCD

today

AUTUMN 2018



13. Molecular
Research into HIV

11. Nutrition
and the Elderly

9. Professor Harry
White – Festschrift

5. Archaeological
Discovery at Dowth

INSIDE

**Dowth - a very
significant
discovery**

Contents

Features



- 5 Archaeological Discovery at Dowth 9 Professor Harry White – Festschrift 11 Nutrition and the Elderly 13 Molecular Research into HIV

Housing and student accommodation: the patterns and the lessons are the same



EILIS O'BRIEN
Director of Communication
and Marketing

Amongst the cranes stretching into the Belfield skyline are 5 on the Roebuck student residences site. Back in January UCD received permission for 2,118 bed spaces to be developed in two phases under the new fast-track planning process for housing developments of 100 or more units that can now be made directly to An Bord Pleanála rather than to the local authority.

According to international commercial real estate advisors, Cushman and Wakefield, the purpose-built student accommodation (PBSA) sector is growing and has now come into its own as a serious investment option for profit-driven, international portfolio managers. In Dublin, they estimate the current PBSA market has 11,340 bed spaces with a further 6,160 under construction, including the first phase of the new UCD development with 1,000 spaces.

Big investors and big operators are moving into the Irish market, as they have done in the UK, France, Germany, Italy and Spain. The largest investors in Ireland are Hines, Harrison Street Real Estate, GSA and Summix. The biggest operators are Aparto, Uninest and Host.

UCD has argued that building our own student accommodation is better on a number of fronts: it gives us a critical mass of students living on campus to create a more vibrant atmosphere and to sustain better food and retail services; it gives students a social centre when they arrive in Dublin; it guarantees a certain standard in terms of quality of accommodation; and it relieves the pressure on the private rental market.

Housing our own students ourselves also makes sense societally too. Giving evidence to an Oireachtas committee recently, Professor Michelle Norris and Dr Aideen Hayden from UCD School of Social Policy, Social Work and Social Justice argued that 30% of homes need to be publicly owned in order to tackle the housing crisis and balance the housing system. In addition to the enormous gap in public housing construction, some two thirds of all council houses are now privately owned – as tenants availed of the tenant purchase schemes. Reversing these two factors is proving to be politically very hard work indeed.

As student living moves more in the direction of purpose-built accommodation we should learn from the experience in the affordable housing sector and continue to invest in providing living space for future generations of students ourselves rather than leaving it to others.

UCD thanks...

Contributors: Aoibheann Bird, Joe Carthy, Clare Corish, Mags Darcy, Steve Davis, Imelda Delap, Catriona Devery, Emma Donovan, Georgina Dwyer, Ioanna Galeadi, Eileen Gibney, Conor Graham, Helen Graham, Ruth Hallinan, Liz Hannon, John Howard, David Kearns, Una Kelly, Frank Lawrence, Christine Linehan, Kate Manning, Jason Masterson, Clár Ní Bhuachalla, Orla O'Dea, Donnacha O'Driscoll, Ann O'Hanlon, Darina O'Hanlon, Gráinne O'Hogan, Theresa O'Leary, Elaine Quinn, Claire Redmond, Mark Simpson, Colin Tannam, Alexander Thein, Cathy Timlin, Julie Tonge, Miceal Whelan, Sandy Wilkinson

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: Dowth - Megalithic Discovery



Graduating Students



Registrar and Deputy President Professor Mark Rogers with some of our graduating students.

University celebrates honorary degree recipients

During a week when the University welcomed 4,500 new students and conferred 3,800 undergraduate, masters and PhD degrees, seven outstanding leaders across the fields of engineering, sociology, financial services and creative arts have had their career achievements recognised by the University.



Moya Doherty - Honorary Degree of Doctor of Literature

As a pioneering broadcaster and executive director, Moya Doherty has played a seminal role in the nurturing and

development of creative talent in Ireland and beyond. It was as commissioning producer and originator of Riverdance for the 1994 Eurovision Song Contest that she created a moment of cultural exuberance shared across Ireland, Europe and the wider world.



John O'Loughlin Kennedy - Honorary Degree of Doctor of Science

Graduating with a BA in Economics from UCD in 1953, John O'Loughlin Kennedy has had an illustrious career in both the private and public sectors. With his wife, Mr O'Loughlin Kennedy established Concern Worldwide.



Mary Lawlor - Honorary Degree of Doctor of Laws

Mary Lawlor's name is synonymous with the organisation that she founded in 2001, Frontline Defenders – a group dedicated to supporting people throughout the world who are at risk because of their work in promoting and safeguarding those rights enshrined in the Universal Declaration of Human Rights.



Professor Gary Pisano - Honorary Degree of Doctor of Literature

Professor Gary Pisano has dedicated his career to education and research of the world of business, and more specifically the question why the biotechnology industry has failed to deliver on its promise. His critique of the industry provided a roadmap for companies and management teams who were looking for ways to improve their industry's performance.



Professor John O'Connor - Honorary Degree of Doctor of Science

A graduate from UCD Engineering with a BE in Mechanical & Electrical Engineering in 1956, Professor John O'Connor brought pain relief to hundreds of thousands with the development of his revolutionary 'Oxford Knee'.



Dr Randall Collins - Honorary Degree of Doctor of Literature

One of the world's foremost sociologists and the leading American sociologist alive today, Dr Randall Collins has published more than a hundred articles and books since finishing his undergraduate education.



Professor John J McConnell - Honorary Degree of Doctor of Laws

Professor John J McConnell is a leading financial economist, and is renowned for his stellar leadership in the world of finance.

Welcome to our new Students



A group of newly arrived international students enjoy the festivities during Orientation week.



Áiríonn ár grianghraf: Stephanie Forde, UCD International; Ashling Harteveld, Bord na Gaeilge UCD; Matsidiso Bambo, Psychology; Naadiya Majam Law; Nondumiso Mthimkhulu Education; Clár Ní Bhuachalla, Bord na Gaeilge UCD; Serole Kgolane, Psychology; Mulalo Pearl Sahlako, Economics and Econometrics; Bonolo Mahumapelo, Sociology; Dipolelo Mampuele, Social Work; Kedibone Legodi, Accounting Sciences; Aisling Ní Sheirín, Bord na Gaeilge UCD tutor; and Eve Brosseau, UCD International.

Foghlaimoirí Gaeilge ó Ollscoil Johannesburg ag Tionól Gaeilge UCD

Bhí lúcháir ar Bhord na Gaeilge UCD fáilte a chur roimh mhic léinn ó Ollscoil Johannesburg, ag a scoil samhraidh idirnáisiúnta, Tionól Gaeilge UCD. Is comhpháirtí de chuid UCD é Ollscoil Johannesburg; tá an dá institiúid ina mbaill den ghreasán Universitas21.

Ba í seo an dara bliain ag Tionól Gaeilge UCD inár ghlac breis is 60 duine páirt i mí Iúil. Tá an scoil dírithe ar dhaoine fásta as Éirinn agus thar sáile. Bhí réimse clár samhraidh ar fáil do mhic léinn na hAfraice Theas trína mballraíocht i Universitas 21 ach roghnaigh siad staidéar a dhéanamh anseo. Spéis i dteangacha agus i gcultúir dhifriúla, a deir siad, ba chúis dóibh cur isteach ar an dTionól. Roghnaigh Ollscoil Johannesburg na mic léinn le taisteal mar gur bhaineadar amach an marc is airde ina ndámh faoi leith - agus níorbh amháin gurbh é a gcéad turas go hÉirinn é ach ba é a gcéad bhlaiseadh den Eoraip freisin é!

Ghlac na mic léinn páirt i ranganna Gaeilge agus d'fhreastail siad ar léachtaí ar ghnéithe éagsúla de stair agus de chultúr na hÉireann. Is tír ilchultúir í an Afraic Theas ina bhfuil an-chuid teangacha oifigiúla; agus mar sin ba í an Ghaeilge an 8ú teanga ag cuid acu. Dúirt siad gur áit shuaimhneach a bhí i UCD, ach ní raibh an teaspach a bhí againn i mí Iúil ar chomhcheim le samhradh na hAfraice Theas, áfach, agus aimsir fhuar an cur síos a rinne roinnt de na mic léinn ar an aimsir! Táimid iontach sásta gur bhain na mic léinn sult as an am a chaith siad anseo i UCD agus tá súil againn go roinnfidh siad an t-eispéireas U21 a bhí acu le gach duine sa bhaile le go mbeidh tuilleadh malartuithe cultúir iontacha dá leithéid againn.

Cuireann Bord na Gaeilge cúrsaí Gaeilge ar fáil do gach mac léinn agus do gach ball foirne de chuid UCD le linn sheimeastar 1 agus 2 agus is cúis áthais faoi leith dúinn go mbíonn an-thóir ar an ranganna céanna ag pobal ilchultúrtha na hOllscoile.



Orla O'Dea, UCD Head of Procurement, pictured with Maya Khallil, Supplier Relations and Risk Manager at the Procurement and Contracts department, American University of Beirut.

UCD hosts International Procurement Visitors

UCD Procurement and Contracts Office hosted visitors from universities participating in the international Erasmus programme, a scholarship and mobility programme funded by the European Union, open to academic and administrative staff. The visitors work in purchasing/procurement offices at the American University of Beirut (Lebanon), University of Bologna (Italy), and Masaryk University (Czech Republic).

The visitors spent a week on the Belfield campus learning how the UCD Procurement and Contracts office and Operational Purchasing unit manage expenditure on supplies and services, balancing key priorities: ensuring the outsourced operational needs of the university are met; achieving value for money; ensuring compliance with National and EU procurement regulations; and ensuring the legal protection of purchases.

Procurement and other key senior administrative staff met with the visitors and outlined the functions and activities of their offices. Thanks to all for helping to make the visit an outstanding success!

Discussions in Disability Seminar

UCD Centre for Disability Studies' 2018 Discussions in Disability seminar explored Assisted Decision-Making with a packed audience in August. Associate Professor Christine Linehan, Director of the UCD Centre for Disability Studies and Professor Colin Scott, UCD Vice-President for Equality, Diversity and Inclusion opened proceedings with a warm welcome to all.

Throughout the day, the new Assisted Decision-Making (Capacity) Act was outlined and appraised by guest speakers Louise Loughlin, National Manager of the National Advocacy Service (NAS); Áine Flynn, Director of the recently established Decision Support Service (DSS); Jacqueline Grogan, Assisted Decision-Making Project Manager with the HSE Quality Improvement Team; and Patricia Rickard Clarke, a recent recipient of an Honorary Doctorate at UCD, and a key driver of the new legislation in this field.

The implications of the Act for those requiring support in decision-making were starkly illustrated by personal reflections and stories



Assoc. Prof. Christine Linehan, Director of the UCD Centre for Disability Studies.

from guest speakers Pete Jones, who shared his personal journey of an acquired disability with NAS advocate Patty O'Malley; Breda O'Neill, Chief Executive of St Margaret's Donnybrook, who spoke of supporting decision-making among older women, some of whom are former residents of Magdalen laundries; and Finbarr Colfer, Deputy Chief Inspector of Social Services at HIQA who spoke of the challenges in balance risk and autonomy among individuals who have diminished capacity.

How UCD archaeologists discovered one of Ireland's most significant megalithic passage tombs



Alumna Catriona Baldwin (left) discusses her find with Dr Mick Corcoran (UCD School of Archaeology) with site supervisor Clare Ryan looking on.

Photo credit: Ken Williams



When archaeologists discovered a 5,500 year old passage tomb at Dowth Hall in July, UCD archaeologist Dr Steve Davis called it “the most significant megalithic find in Ireland in the last 50 years”. Reflecting on the find just a few months on, he now says that it is arguably even more significant than he originally suggested. “It’s a really large megalithic tomb, with two chambers and megalithic art,” Dr Davis says. “Internationally, it’s a very significant discovery.”

The find made headlines across the world in July after a number of architects – most of them either employed by or graduates of UCD – made the incredible discovery. Work has been ongoing at the site now for over a year and began after the 18th century house, Dowth Hall, was bought by Dr Owen Brennan and his wife, Professor Alice Stanton. Both are UCD alumni and Dr Brennan is the executive chairman of agri-tech company Devenish. They wanted to renovate the house so they could turn it into their family home, but as the land it is on is a world heritage site, archaeologists first had to carry out an assessment.

“There are a number of planning requirements that are in place because it’s a world heritage site, so everything has to be monitored,” Dr Davis explains. “In the course of monitoring this, lead archaeologist Clíodhna Ní Lionáin came across bits and pieces which were clearly related to a passage tomb. Some of the stones, even from the moment we found them, were very clearly passage tomb pieces.”

He also says that they were alerted by the presence of a type of rock, called greywacke, which had been used in the construction of other passage tombs. The archaeologists on site then began to dig deeper, which was what led to the incredible discovery of six kerbstones and what Dr Davis describes as “what appears to be two chambers”.

Sadly, when Dowth Hall was built in the 18th century, damage was done to the site by the builders. The mound at the site was “mostly destroyed” underneath the house, but in an edge of the mound which survives, archaeologists have also discovered a cremation burial which Dr Davis says probably happened between a few hundred years or up to a thousand years after it was built.

“We also have a couple of polished stone axes that were in situ where one of the kerbstones probably should have been. There was significant destruction by the 18th century builders,” he adds.

The presence of UCD archaeologists at the site is particularly notable. Dr Ní Lionáin got her PhD in archaeology from UCD, and was joined by Dr Davis, Dr Eimear Meegan, Dr Michael Corcoran, Louise Callan, Catriona Baldwin, Noel Carroll, Scott Ward and Stephen Matthews. There were only three people on site who are not associated with UCD!

Archaeologists do not yet have a full understanding of what the passage tomb was used for, and Dr Davis hastens to point out that there is still much work to be done. “We haven’t gotten to the stage yet where we would be seeing in situ passage tomb material. We’re still quite high in the excavation, so while there are

two chambers we’re not really down into them yet.” On their simplest level, it is known that the passage tombs were communal burial places, however he adds that they “almost certainly had more significance than that”.

“If you think of somewhere like Newgrange today, it’s not just about the burial. Newgrange has significant times of year when people gather at the site. And these may have had similar significance, we don’t really know to be honest. It would have incorporated cremated human remains, and possibly some other human remains as well.”

As the dig is ongoing, there is still much to be discovered about the site, and Dr Davis says it’s “very early at the moment to talk about new information. There’s some great megalithic art there. Where this fits in terms of the chronology, we’re not sure yet. It’s too early to say.”

What’s next for the archaeologists working on the site? Dr Davis says that the objective is to finish the dig in the first phase, which means by the end of the year, but he adds that it “depends on what shows up. If more complicated archaeology starts to appear then that’s not going to happen and things will need to be extended a bit further. The idea is to try and finish this phase first”.

Whatever is next for Dowth, it certainly looks as though the site will throw up many more gems from the past before work is completed, with UCD archaeologists working at the helm.

“In general, we have been the premier department in Ireland for working on Neolithic environments. It’s been great to be involved.”

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



Dr Aidan Regan, UCD School of Politics and International Relations

UCD wins award to create new Jean Monnet Centre of Excellence

UCD School of Politics and International Relations has been awarded almost €100,000 to establish a prestigious Jean Monnet Centre of Excellence in the New Political Economy of Europe. UCD is the only recipient of Jean Monnet Centre of Excellence funding in Ireland this year.

A Jean Monnet Centre of Excellence is a unique combination of teaching, research and public engagement that acts as a hub for expertise on European Union subjects. As well as undertaking a programme of teaching and research, the Centres create a space to stimulate public debate on Europe. They aim to engage students, policy makers, civil servants, civil society and the general public at large.

The new centre will be directed by Dr Aidan Regan and will draw upon the expertise of colleagues from across the College of Social Sciences and Law. The emphasis will be on European political economy, and 'Re-engaging the Street'.

Inspired by the idea of European street politics, the Centre aims to reach out beyond academia. From this starting point the Centre will develop a new research and teaching agenda aimed at enhancing a critical public understanding of the new political and economic realities of the EU.

Dr Aidan Regan said, "I am delighted to receive this funding, and look forward to advancing a new teaching and research agenda on European political economy".

The core research questions that the Centre will address include: Can European countries converge within the constraints of monetary integration? Is a social Europe achievable in the absence of tax harmonisation? Is the rise of populist politics a response to EU liberalisation?

Professor David Farrell, Head of School, UCD Politics and International Relations said "The UCD Dublin European Institute has a long and proud history as a major centre of excellence promoting research and public discourse about the EU and European politics more generally. It is greatly to Aidan's credit that he has managed to secure this prestigious award which will greatly boost the ability of the DEI to engage with policy-makers in Ireland across Europe."



2018 Study Tour at Delphi

UCD Classics Students join Study Tour

Thirty-three students from Irish universities, sixteen of whom were from UCD, participated in this year's Study Tour of Greece, organised by the Irish Institute of Hellenic Studies at Athens. The tour was led by expert IIHSA archaeologists who shared their knowledge with the participants at thirty sites and museums over ten days. Students visited Athens, Delphi, Olympia and other major archaeological sites, and at several places eminent archaeologists guided the students around their own excavations. This

year marks the twentieth anniversary of the IIHSA and its annual Study Tour of Greece, the aim of which is to give students an intense foundation in the sites, landscapes, and material culture of Greece from prehistory and Classical antiquity to the Byzantium, the mediaeval period, and beyond. The majority of the UCD participants will go on to enhance the knowledge acquired first-hand in the field by taking the 'Study Tour of Ancient Greece' module offered by the UCD School of Classics.

Navigating the Book World of Pre-Industrial Spain and Portugal

The Iberian Books project, directed by Professor Alexander (Sandy) Wilkinson in UCD School of History, has completed its work of documenting all books published in the Spanish and Portuguese spheres of influence from the Age of Discovery through the dawn of the Age of Enlightenment. Funded over ten years by the Andrew W Mellon Foundation, and costing just over half a million euros, this foundational survey of early printed books was launched in August 2018. Iberian Books - freely available at <https://iberian.ucd.ie> - provides an online catalogue of 131,000 items, as well as the locations of 660,000 copies that today survive in 2,500 libraries worldwide.

Undertaken in partnership with UCD Library's Digital Library team, the project expands the state of knowledge of printing and the dissemination of knowledge at a time of global expansion that has shaped the modern world. As a bibliography, *Iberian Books* offers detailed information on every one of the 131,000 editions listed. It connects users to standardised data for many thousands of authors and printers, opening up very substantial new opportunities for analysis of the social and political networks operating throughout the period from 1472 through 1700. Moreover, having undertaken the herculean work involved in classifying and tagging these books, users can now conduct innovative searches in the online platform built for the project by UCD Library - not just by subject, but also by gender, translation and even the size of an edition (whether a small pamphlet or a very large folio book).

But *Iberian Books* is not just a bibliography, it is a product of *digital scholarship*—research activity that uses innovative computing technologies to expand the limits of traditional scholarship. In this context, the project has assembled 'big data' about a principal means by

which information and knowledge was transmitted by two of the dominant cultures of the early modern period in Western history. It has moved towards using computation to enable data visualisations, shedding new light on the evolution of the book trade in the Iberian Peninsula before 1701 and challenging many pre-existing assumptions in the process.

The partnership between Professor Wilkinson's project and UCD Library has been key to the project's success, and to the expansion of the boundaries of scholarship on the history of the book in the Golden Age of the Spanish and Portuguese empires. *Iberian Books* operates on the platform of the *UCD Digital Library*. The Library also developed the platform for *Ornamento* (<https://ornamento.ucd.ie>), the innovative system for viewing and identifying graphical components of early printed books through leading-edge image recognition software. The Library also provided one other key element needed by the project, whose outcomes are intended to persist for many years: sustainability of the resource, assuring its availability to the global community for many years to come.



Pictured are (l-r) Prof Boris Kholodenko, Prof Gerardine Meaney, Prof Grace Mulcahy and Prof Peter Kennedy, President of the Royal Irish Academy.

UCD Researchers elected to Royal Irish Academy

Three UCD faculty were among 28 newly elected members of the Royal Irish Academy this summer. Professors Boris Kholodenko, Grace Mulcahy, and Gerardine Meaney were each invited to sign the Academy's members book in recognition of their world-class contribution to science and the humanities.

Professor of Systems Biology, Boris Kholodenko is the author of more than 220 publications on spatio-temporal dynamics and control analysis of cellular signalling and metabolic networks. Widely recognised as a leader in the field of Systems Biology, his work has been highly influential in shaping the field as it is known today.

Professor of Cultural Theory, Gerardine Meaney is Director of the UCD Centre for Cultural Analytics. Her work, focusing on Irish literature of the past 150 years, has been noted for its ground-breaking nature, its use of digital tools and its interdisciplinarity.

Professor of Veterinary Microbiology and Parasitology, Grace Mulcahy is a leading international figure in understanding how helminths interfere with protective immunity to bacterial infections.

The Academy has been honouring Ireland's leading contributors to the world of learning since its establishment in 1785.



UCD Choral Scholars 20th Anniversary

In 2018-2019 the UCD Choral Scholars, an internationally-acclaimed chamber choir of gifted student singers from various academic disciplines led by founding Artistic Director, Dr Desmond Earley, will celebrate its 20th anniversary. The very first spring concert of the choir – The Leipzig Masters – took place on Wednesday 21 April 1999. Since then, under the artistic direction of Dr Earley, the choir has become an international success following the release of their best-selling debut album *Invisible Stars* on the Signum Classics label, with their music videos generating millions of views online and a social media following of thousands worldwide.

Through a selective audition process, eighteen scholars are chosen annually. Throughout each semester they receive intense vocal coaching, language instruction, and performance-practice studies. Over 200 students have passed through the ranks of this internationally-acclaimed collegiate scholarship ensemble, representing excellence in the performance of chamber-choral repertoire. With a classical focus and an inspiration found in the music and literature of Ireland, the ensemble's repertoire ranges from contemporary choral music to the re-imagining of Irish traditional song. Choral Scholars serve as ambassadors for UCD, representing the best of Ireland and its distinct culture.

Exciting events scheduled for the anniversary year (2018-2019) include the choir's much loved Choral Celebration of Christmas concert series at Newman University Church from 18-20 December 2018, which will feature new commissions and world premieres; the release of the choir's highly anticipated second disc on Signum Classics in March 2019; a residential visit to New York including the choir's debut performance at Carnegie Hall on Friday 15 March 2019; and a 20th anniversary gala concert in Dublin on Thursday 25 April 2019.

For further information and tickets, please visit www.ucdchoralscholars.ie

Launch of Seán Lemass Interviews at UCD Archives

UCD Registrar and Deputy President, Professor Mark Rogers recently launched the Seán Lemass Interviews (UCDA P311) in UCD Archives. This immensely significant set of interviews between hotelier and businessman Dermot A Ryan and former Taoiseach, Seán Lemass were undertaken throughout 1967–69 as the basis for a biography of Lemass which was never published. The interviews consist of reel-to-reel tape recordings and typescript transcripts which are annotated by Mr Ryan.

He gave the tapes and annotated transcripts to the Lemass family four years ago and they were deposited in UCD Archives in 2017 by Lemass' great-grandson, Aidan O'Connor. The deposit of the interviews in UCD Archives will facilitate research in a wide range of scholarship, including political science, economic history, British-Irish relations, Irish neutrality and much more.

The interviews are wide-ranging and provide substantial insight into our understanding of

Ireland since 1922 but particularly from the 1930s through to 1969. Topics discussed include Lemass' views on contemporary European leaders, the Fianna Fáil Party, his relationship with Eamon de Valera, the frustrations of office, the Roman Catholic church, neutrality, Northern Ireland, and of particular note in the politics of our own time, his opinion on the UK's relationship with Europe.

The interviews are available for consultation in UCD Archives, by appointment.



Photographed (l-r) are: Prof Mark Ryan, Seán D Lemass, Prof Mark Rogers, Kate Manning, UCD Archivist, Eileen Lemass and Dr John Howard, UCD Librarian.



Celebrating their awards are (l-r) Ben Moore, Aoife De Brún, Cormac O'Brien, Maria Moloney, David Stone, Judith Harford, Niall O'Shaughnessy and Amanda Kelly. Missing from picture: Donncha Ó Murchú.

Fulbright UCD Awardees

In June, Tánaiste and Minister for Foreign Affairs and Trade, Simon Coveney TD and Chargé d'Affaires of the US Embassy in Ireland, Reece Smyth, announced 37 Fulbright Irish Awardees for 2018-2019. Seven of those awards came to UCD faculty and students.

Dr Aoife De Brún is a Research Fellow at UCD School of Nursing, Midwifery and Health Systems. As a Fulbright-HRB HealthImpact Scholar, she will undertake research in collaboration with colleagues at Northwestern University mapping leadership configurations in healthcare teams and exploring associations with team performance outcomes and staff engagement.

Professor Judith Harford is Professor of Education at UCD School of Education. As a Fulbright Scholar, she will undertake research into Irish American women teachers and the rise of the Irish American elite in Boston in the period 1880-1920.

Dr Maria Moloney works in the UCD School of Computer Science and is currently collaborating with the Centre for Cybersecurity and Cybercrime Investigations (CCI) there. As a Fulbright TechImpact Scholar, she will study cybercrime and criminal behaviour in online settings in Maryland University.

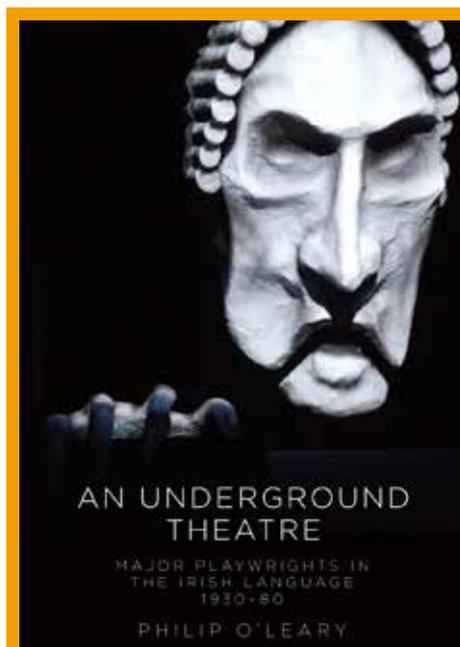
Ben Moore is a final year BE Mechanical Engineering student and Ad Astra Scholar. As a Fulbright Student he will pursue a Master of Science degree in Aeronautics & Astronautics at Stanford University. He will direct the focus of his studies and conduct research into satellite design and control.

Dr Cormac O'Brien is Assistant Professor of Anglo-Irish Drama in UCD School of English, Drama and Film, where he lectures in drama, gender and sexuality, and queer studies. Based at the University of South Carolina during his Fulbright Award, he will conduct research into the hidden histories of Irish gay men who, due to the illegality of homosexuality in Ireland until 1993, emigrated to the USA and subsequently contracted HIV.

Donncha Ó Murchú was recently awarded a degree in History and Irish from UCD. As a Fulbright Foreign Language Teaching Assistant, he will teach the Irish language and take classes at the University of Montana.

David Stone is a second-year Government of Ireland Irish Research Council doctoral scholar at UCD School of Archaeology. As a Fulbright-Creative Ireland Museum Fellowship student, he will conduct research at the Department of Anthropology, Smithsonian Institution, Washington DC.

Niall O'Shaughnessy is an undergraduate student at UCD School of Law with a minor in Social Justice. He will travel to the University of South Carolina to partake in the Study of US Institutes (SUSI) program examining Civic Engagement in the US.



Success for UCD Press Publication

UCD Press is delighted to announce that Philip O'Leary's title *An Underground Theatre: Major Playwrights in the Irish Language 1930-80* (2017) has been awarded the Michael J Durkan Prize for Books on Language and Culture. This prestigious prize was awarded by the Committee for its 'incredible contribution to scholarship on Irish theatre and the Irish language'. The Committee added that "the book is wide ranging, encyclopaedic, and engagingly well written. In covering the works of five twentieth-century playwrights writing in the Irish language, O'Leary offers detailed creation and production histories, right down to the specific theatres across the country that presented the plays under consideration. It is not an overstatement to say that this book will likely remain a resource for scholars and students of Irish language plays for decades if not centuries to come".

UCD Sutherland School of Law hosts Judicial Review Conference and launches new Centre

UCD Sutherland School of Law was delighted to host a major Judicial Review Conference early this summer which attracted a large audience of legal professionals. Organised by the newly established UCD Centre for Constitutional Studies, the conference concluded with an official launch of the Centre by The Honourable Mr Justice Donal O'Donnell of the Supreme Court.

The distinguished panel of leading academics, practitioners and members of the judiciary who chaired panels or delivered papers at the conference was undoubtedly a major factor in the success of the event. In all, there were eighteen contributors and the programme included breakout sessions on criminal law, regulatory law and planning and environmental law in addition to three plenary sessions on constitutional law, the European dimension and administrative and public law. Based on the success of this year's event, the conference will be an annual event on the School's calendar.



Our photo shows (l-r) Prof Colin Scott and The Hon. Mr Justice Donal O'Donnell at the launch of the UCD Centre for Constitutional Studies

Music Preferred: UCD Musicologist honoured

Professor Harry White, Chair of Music at UCD, was honoured by an international gathering of colleagues and friends at the Royal Irish Academy in May, when a *Festschrift* was launched to celebrate his 60th birthday. Robert Gerwarth, Professor of Modern History at UCD launched the volume and delivered an eloquent address on Harry's many achievements and contributions to musicology and cultural history. The President



of the Society for Musicology in Ireland (SMI), Professor Lorraine Byrne Bodley of Maynooth University, who edited this beautiful volume and co-

ordinated the mammoth task of bringing it to fruition, introduced the audience to its contents. The reception included the premiere of Irish composer, John Buckley's setting of Harry's sonnet 'Bardolino', which was sung by Cahersiveen baritone, Gavan Ring, accompanied by Pádraic Ó Cuinneagáin (piano). The title of Harry's *Festschrift* *Music Preferred* is taken from one of his early poems and draws our attention to his other abiding interest: English literature and his own very fine poetry. The *Festschrift* contains 41 contributions from musicologists in Ireland, UK, Europe, North America, Asia and Australia.



Harry White has been professor of music at UCD since 1993, and previously was lecturer in the Department of Music from 1986. He was head of department for 12 years until 2005. His contribution to Irish musical life and specifically to the establishment and development of musicology in Ireland has been pivotal and enormous. One is reminded of Oliver J Flanagan's quip about RTÉ's 'Late Late Show' that 'sex never came to Ireland until Telefís Éireann went on the air'. In the same vein, musicology never came to Ireland until Harry White went on the air! The Department of Music inherited by White in 1993 was a conservative place adhering to a 19th century Anglo-Germanic model of music education. Although the department counted two other musicologists among its staff, the goal of teaching was to produce reliable secondary-school teachers and solid performing musicians. Most students probably had no idea what a 'musicologist' was. When White ascended the Chair in 1993 he set out quickly to establish musicology at the core of the department's vision, teaching and research. As well as initiating a thorough reform of the undergraduate curriculum, Ireland's first graduate degree programme in musicology was established, heralding a new era of vibrant graduate research. Restructuring of the performance dimension of the music programmes during the 1990s ensured greater autonomy for ensembles to grow and develop, with the result that now, the School of Music's endeavours are founded on the twin pillars of musicology and performance.

Harry White's vision, energy and ability to argue and convince extended well beyond the confines of UCD. A series of initiatives in the decade and a half from 1990 to 2005 established musicology as a core academic discipline in Irish universities and in the public square of intellectual discourse. In 1990 White founded Irish Musical Studies, which quickly established itself as a pre-eminent forum for serious musicological research on music in Ireland and whose twelfth volume is about to appear. In 1995 he organised the first international musicological conference to be

held in Ireland. In 2003 he founded the Society for Musicology in Ireland (SMI), served as its inaugural president and continued to serve as a council member until this year. While President of the SMI, the *Journal of the Society for Musicology in Ireland* was founded as an online periodical in 2005. By 2005 Musicology and the SMI were represented on the staff of the university music departments on the island of Ireland, four of the Institutes of Technology and several smaller third-level institutions, a remarkable development by any standard.

His immense contribution to discourse and scholarship on music in Ireland cannot be exaggerated and he has also published 4 monographs, over 80 articles or chapters on musicological topics, contributed to dictionaries, encyclopaedias and companion volumes on music and cultural history, and has published two collections of his own poetry. A central concern in these works is with the place of music in Irish cultural history and the extent to which literature takes the place of music in Irish cultural and intellectual life. White has generated debate and controversy over the years. As he enters the autumn of his career he may witness the overturning of some of his conclusions. Yet he could comfort himself that without his original vision for the study of musicology, much of the current debate would not have happened at all. The sheer depth and breadth of research in the *Encyclopaedia of Music in Ireland* (Dublin, 2013) encompassing a gamut from medieval polyphony, through sean-nós, showbands, country music, jazz, U2, Byzantine chant and electronic music to contemporary classical music means that it is no longer possible to conceive of music in Ireland as a rigid dichotomy between 'traditional' and 'classical'. It is no longer possible to reduce music to mere entertainment, ignoring its socio-political, philosophical and intellectual dimensions and all that it brings to discourse on what it means to be human.

With the re-organisation of UCD structures in 2005 when departments became schools, Harry was fond of paraphrasing Louis XIV with the claim: 'L'école c'est moi!'. The School that Harry built at UCD is central to the story of Irish musicology and the progress of its doctoral students and postdoctoral fellows is testament to the excellent quality of teaching and research: these former students and fellows occupy positions in Irish universities and in prestigious institutions worldwide. Harry White has ensured the presence of UCD School of Music 'on the air'.

Music Preferred: Essay in Musicology, Cultural History and Analysis in Honour of Harry White. Ed. by Lorraine Byrne Bodley. Pp. 773 (Hollitzer Verlag: Vienna, 2018. 89. ISBN 978-3-99012-401-7). Available online from www.hollitzer.at

Dr Frank Lawrence lectures in Early Music History at UCD School of Music.

Former UCD Chaplain raises over €350,000 in the fight against MND

UCD faculty, staff, students and alumni came out in force to support former UCD Chaplain, Fr Tony Coote during his 535km walk from Letterkenny to Ballydehob, which aimed to highlight the plight of Motor Neurone Disease sufferers in Ireland. Following his own recent diagnosis with the disease, Fr Tony came up with the idea of walking the 535km distance under the banner of 'Walk While You Can' and the hashtag #walkwithtony.

Determined to turn his experience into 'a positive force for future generations of MND sufferers', Tony started the walk in Letterkenny, Donegal on July 10, and ended it on August 6 in Ballydehob in West Cork. Speaking about the walk, Fr Tony said he wanted to use the time he has left, and his voice, to do something positive by raising money and awareness about this disease.



Our photo shows Fr Tony at the launch of WWYC in St. Stephen's Chaplaincy UCD with friends from the UCD community.

Finding himself part of a vastly under-resourced medical world of lengthy waiting lists, over-burdened medics and medication that is over 24 years old, he was shocked to learn that only three specialist nurses cover the 400 people living with MND in Ireland.

He told UCD Today: "By supporting the walk, you are not only lending your voice to our call for better supports and services for people living with this, and other neurological conditions, but you are helping make those supports possible."

Reflecting on his diagnosis, Fr Tony, who has lost the control of most of his left hand and his left leg and now uses an electronic wheelchair, said:

"This time last year I was fit and healthy, I had no idea what was in store for me. None of us know when it might be our turn."

Fr Tony thanked his former UCD colleagues, friends, students and UCD Volunteers Overseas for supporting him in his campaign.

The walk has already surpassed its target of €250,000 with all funds raised going directly to Research Motor Neurone for new medication research and to the Irish Motor Neurone Disease Association for the care of those living with the illness. You can find out more about the walk and how you can continue to get involved on www.wwyc.ie



Artist's impression of the front of NovaUCD following the completion of the east courtyard development (Image: Kavanagh Tuite Architects)

New €6.5 million Development Project commences to expand NovaUCD

NovaUCD, the Centre for New Ventures and Entrepreneurs, is to expand its capacity to house early-stage start-ups by over 50% with a €6.5 million development project. The project to renovate and extend the facility's east courtyard commenced this summer and is expected to be completed within 12 months.

NovaUCD officially opened in October 2003 and is currently home to over 25 start-up companies. These companies have either spun-out of UCD research programmes or have spun-in to locate at NovaUCD in order to collaborate

with the University. Since its opening, the hub has supported over 225 companies, which have raised over €200 million in equity funding, to develop and grow. As the home of UCD's technology transfer team, NovaUCD has also registered some 750 invention disclosures, filed over 250 priority patent applications and licenced over 170 technologies.

Tom Flanagan, UCD Director of Enterprise and Commercialisation told UCD Today, "There is an ongoing and significant demand from ambitious entrepreneurs who want to locate their start-ups at NovaUCD to leverage our ecosystem of experienced mentors, founders, alumni,

investors and sponsors who can help them grow their businesses globally. By joining the NovaUCD community these start-ups can also take advantage of access to our world-class researchers, facilities and talent across the UCD campus. The development of the east courtyard will enable us to increase our capacity by over 50% and when completed we will be able to accommodate up to 450 people."

NovaUCD is located in a mid-18th century house, formerly known as Merville House. It currently comprises of a restored main building along with a restored and extended western courtyard.

UCD College of Business remains Ireland's only Triple accredited Business School

In June 2018 UCD College of Business, which incorporates UCD Michael Smurfit Graduate Business School, UCD Lochlann Quinn School of Business and UCD Smurfit Executive Development, announced that it has retained its AACSB (The Association to Advance Collegiate Schools of Business) accreditation, one of the world's most respected business school accreditations.

In retaining its AACSB accreditation, UCD College of Business remains the only business faculty in Ireland (and one of only 86 worldwide) to hold the prestigious 'Triple Crown' of accreditation from the premier international accreditation bodies for Schools of Business – EQUIS (Europe); AACSB (US); and AMBA (UK).

AACSB Accreditation is synonymous with the highest standards in business education and one which has been earned by less than 5% of the

world's business schools. In doing so UCD College of Business remains accredited alongside some of the world's elite business schools including: Harvard Business School; IMD; London Business School; Stanford University; INSEAD; and Yale School of Management.

Speaking following the announcement, Professor Anthony Brabazon, Dean, UCD College of Business said: "The achievement of AACSB re-accreditation and the maintenance of our Triple

Crown status is a hugely important independent endorsement of UCD College of Business as an institution and of our consistent standards of excellence in business education. Maintaining and enhancing our reputation internationally requires commitment and ambition that is backed up by investment in faculty, research and facilities as well as innovation in teaching and learning methods, to deliver the optimum learning environment. That's why initiatives like our five-year investment programme to 2020 are key to our future success while also supporting business and society in Ireland and globally."

Stephanie M Bryant, executive vice-president and chief accreditation officer of AACSB added: "Every AACSB-accredited school has demonstrated a focus on excellence in all areas, including teaching, research, curricula development, and student learning. The intense peer-review process exemplifies their commitment to quality business education."

Nutrition a key weapon in the fight against illness in old age

As the average age of the western population creeps up, European health services are grappling with distinct age-related health issues. The smart research funding is spent on projects that foster healthier old age across the bloc.

One in five Europeans is aged 65 years or older. By 2080, this will rise to almost one in three. With this ageing population comes declining health status and disease, leading to disability and dependence. One such challenge is the risk of malnutrition in older adults. It impacts on health, cognitive and physical functioning and quality of life.

It is within this context that researchers at the UCD Schools of Public Health, Physiotherapy and Sports Science and Agriculture and Food Science have been working on a Europe-wide project to gain a better understanding of malnutrition in older populations.

The Healthy Diet for a Healthy Life Joint Programming Initiative, Malnutrition in the Elderly (MaNuEL) is designed to create a knowledge hub on malnutrition in older adults. The project has four main objectives: to gain knowledge; to strengthen evidence-based practice; to build a better research network and to harmonise research and clinical practice across Europe. The research consortium comprises 22 research groups across seven EU member states.

"Once an older person goes down the road of deteriorating nutritional status it's hard to bring them back," says Associate Professor Clare Corish of the UCD School of Public Health, Physiotherapy and Sports Science. "We know that between 5% to 12% of older people in the community are malnourished and that the figure is as high as 50% in residential and clinical settings. This leaves many older people less able to fight infection. If we can prevent malnutrition in the first place, it promises better outcomes and reduced requirement for hospital admissions."

Associate Professor Corish and her team are engaged in a broad project to look at prevention and treatment, screening and determinants of malnutrition. "We looked at groups of 1,800 people over 65 in Ireland over two years, to see if we could link aspects of their lives or health history to the later development of malnutrition. We identified risk factors for becoming malnourished."

The research surfaced some key risk factors.

"If a subject in the study had difficulties walking 100 meters or climbing stairs or was hospitalised in the previous year, they were more likely to be malnourished two years later," she explains. Falls during the follow-up period also predicted the development of malnutrition in males, and receiving social support and cognitive impairment predicted malnutrition in females. "Deterioration in simple functional markers was a



"All of these initiatives combine to contribute to our understanding of malnutrition in older people," says Associate Professor Corish. "It's not only about reducing hospital admissions and health service costs. If we're going to live longer, we need to find ways to preserve good health for as long as possible, so that we can enjoy the best possible quality of life."

better risk predictor than clinical indicators. If someone can't go out, buy food and prepare it themselves, they are likely to become malnourished. It seems so obvious, but these functional markers are not necessarily the questions that clinicians are asking their patients when enquiring about their nutritional status."

Another key area that required study was the screening process for malnutrition in older people. This is an underdeveloped area, and needs to be further examined, says Associate Professor Corish.

"We are pooling the information that is already there – creating a database of tools already in use. We have been able to make specific recommendations about the appropriate way to screen for malnutrition in this distinct group. The consensus is that there is no single tool that suits screening in the community, in residential care and in hospital and rehab settings."

The risk analysis and the screening review are just two in a basket of projects underway in UCD on the subject of malnutrition in the elderly. Associate Professor Eileen Gibney at the UCD School of Agriculture and Food Science describes the bigger picture.

A recent local project involved a review of the nutritional profile of 'Meals on Wheels' delivered in a North Dublin community. "One of our final year students analysed all the meals provided to assess their nutritional value," says Associate Professor Gibney. "The results were fed back to

the service with recommendations to help volunteers make simple alterations to improve the nutritional intake of the older people they worked with. Much of the food is provided by donations and selected by volunteers. We were able to provide some guidelines on how to make the best decisions when preparing and packaging meals."

Other ongoing projects in UCD include NUTRIMAL, a study of the loss of muscle function associated with malnutrition, and interventions to maintain healthy lean body mass in older people using diet and exercise.

Associate Professors Clare Corish and Eileen Gibney were in conversation with Louise Holden (MEd 2007), Director FH Media Consulting and journalist with the Irish Times

13th Annual UCD Veterinary Hospital Conference

The 13th Annual UCD Veterinary Hospital (UCDVH) Conference took place on 22 June and the School was delighted to welcome colleagues from the veterinary professions to UCD for the day, with over 500 delegates in attendance.

This year's conference saw a diverse range of presentations across five streams, delivered by leading national and international speakers. Highlights included Bryan Fraley, an equine podiatrist from the USA, and Richard Hepburn, an equine internal medicine specialist from the UK. The Small Animal Medicine stream, with a focus on cardiology and oncology, proved to be extremely popular. Professor Anne French, Professor of Veterinary Cardiology at the University of Glasgow, and Professor Adrian Boswood, Professor of Veterinary Cardiology at the Royal Veterinary College featured here, as did Dr Amy Koterbay, who runs the recently opened oncology clinic at the UCDVH. Small animal surgery, diagnostic imaging and anaesthesia were combined into a single stream, with clinicians from the hospital presenting, and the ever popular Veterinary Nursing stream covered topics from rabbit anaesthesia to oncology, and complementary medicine to equine ambulatory nursing. The farm animal stream completed the line-up, with a focus on diagnostics.

The new Clinical Skills Centre (CSC) was open to conference delegates throughout the day, with students on hand to explain how this important resource works for students of veterinary medicine and veterinary nursing. The commercial exhibition took place in O'Reilly Hall, giving delegates the opportunity to review and examine new equipment, products and services and also catch up with suppliers and companies they're already working with.

The conference was, as always, an important day for the School of Veterinary Medicine, as it allowed the faculty and staff to meet a large number of valued colleagues from many different areas of the profession. The day is a small way of saying thank you to the profession for case referrals and the immense effort colleagues in practice make in supporting the student Clinical Extramural Studies programme.

UCD Student Services welcomed Worldwide Student Affairs Administrators

NASPA (Student Affairs Administrators in Higher Education) is the leading association for the advancement, health and sustainability of worldwide student affairs. Their work provides high-quality professional development, advocacy and research for 15,000 members in over 26 countries.

From June 12-15 UCD Student Services hosted a group of NASPA administrators for an educational and interactive summit experience where insights were gained and shared among peers. Delegates received department specific tailored tours and in-depth presentations on structures, processes and student experience methodology with representatives from across many areas of UCD.



Our photo shows some of the NASPA delegates enjoying the summer sunshine on campus.



Executive Editor of UCD Press, Ruth Hallinan, Prof Oonagh Breen, Prof Aidan Moran and Prof Orla Feely pose with the new edition of Prof Moran's bestselling book *Managing Your Own Learning*.

Managing your Learning Seminar

Almost 100 students attended a seminar during Fresher's Week on the subject of study skills and managing your academic life on campus. The speakers were Professor Aidan Moran, UCD School of Psychology; Kieran Moloney, Student Advisor and Melissa Plunkett, Students' Union Welfare Officer. Professor Moran provided advice on study skills, such as:

keeping two to three study questions in mind when you read; studying in silence because you will be examined in silence (the context-dependency of memory); and avoiding highlighting or underlining text because this is passive – writing a summary is a more active way of learning.

Kieran spoke about resilience and the role of UCD Student Advisors in helping students through their academic experience. Melissa spoke about the day-to-day challenges facing new students and the role of the Students' Union in providing support and useful facilities.

A boost for International Student Recruitment

This summer, UCD became the first third level institution in Ireland to sign a deal with IDP Education, joining their global network of study destinations that includes Australia, Canada, New Zealand, United Kingdom and the United States.

Speaking about the partnership, UCD President Professor Andrew Deeks said: "Through this partnership with IDP, who have close to 50 years of expertise in international student recruitment and education, UCD looks forward to welcoming new cohorts of well-qualified and globally-minded international students to join our dynamic community in Dublin."

Andrew Barkla, Chief Executive at IDP, said UCD was an ideal partner due to its high global rankings and established support systems for international students. "We identified that our students were interested in Ireland due to its high-quality education system and welcoming study and career pathway policies," he said.

IDP, an ASX listed company that is 50% owned by Australian universities, is a global leader in international education. The company is also the co-owner of IELTS, the world's most popular high-stakes English language test, and is owners of some of the world's most popular education websites such as The Complete University Guide, Whatuni and Hotcourses Abroad.

Molecular Research into HIV

As director of the HIV Molecular Research Group (HMRG) within the UCD School of Medicine, Dr Patrick Mallon and his colleagues have broken new ground in HIV studies, leading the charge in research on older people living with HIV through POPPY, the largest study of its kind in Europe.



Earlier this year, Dr Mallon was appointed Professor of Microbial Diseases, which will see the HMRG join forces with UCD Centre for Research in Infectious Diseases (CRID) for what Mallon envisions as “moving into the realm of being one of few universities in Europe to have an integrated host-pathogen capability for very strong translational research and in order to apply that level of knowledge and expertise towards trying to look at HIV cure”.

Mallon’s passion for pursuing game changing research developed in the late eighties and early nineties when he was pursuing his medical degree studies: “HIV had just emerged and it was having a huge impact globally. People my age around the world were being affected so it really struck a chord with me as a young person as well as a medical researcher looking at a brand new infection, an emerging disease, which fascinated me from a very early stage in terms of molecular biology and viruses.

“At the time, it was something that carried with it very little understanding but a huge amount of stigma. It was the mix of HIV being a virus causing a disease but also resulting in so much stigma from a societal perspective that really captured my imagination. This drove me down a pathway where I not only wanted to work in the field but I wanted to research in the field too.”

Mallon’s dedication is something he has seen and admired in others within this field: “There have been so many advances in HIV in the past generation as compared to almost any other infectious disease, from the point where 25 years ago we knew very little about the HIV virus to a point now where we are not only able to effectively treat HIV but are now seriously taking steps towards eradication of HIV and a HIV cure. I think that is a reflection of firstly, how global an issue it is, but also the passion that lies behind a lot of the work in this area.”

As a result of his research Mallon also feels compelled to fend off disinformation and prejudice with scientific fact. In response to a recent Irish Times Letter to the Editor where the author made a moral judgement about the use of a drug known as Truvada for pre-exposure prophylaxis or ‘PrEP’, Mallon’s letter in response outlined the scientific validity and importance of such treatments.

“It was a complete watershed moment to the whole HIV clinical and research community when the results of the PROUD and the IPERGAY studies were published almost simultaneously in the Lancet.

These were two big European studies showing that that Truvada, a drug we had been using for years to treat HIV, could also stop high risk individuals from acquiring HIV in the first place. Truvada was so effective that it reduced the risk of HIV acquisition by almost 90%. No other strategic intervention in HIV had got anywhere near this efficacy, explains Mallon. These results galvanised the research and clinical community; it was the first time that science was telling them how to use simple tools to tackle a complex epidemic through preventing transmission and offered the chance to translate this into clinical practice.

“The letter addressed an example where important scientific advances meet attitudes in society that still hang around about HIV - about associating important scientific advances in understanding a global infectious disease with attitudes to sexual or personal behaviour - suggesting that, for example, people who were interested in protecting themselves against HIV were in some way going to act irresponsibly. This just doesn’t make sense,” he adds.

Mallon’s own research group - the HIV Molecular Research Group - is internationally recognised for its work on the POPPY (Pharmacokinetic and Clinical Observations in People over Fifty) study that researches long-term outcomes in those with HIV; they look at heart, bone and kidney disease, which occur more frequently longer-term in people with HIV. His team delves into what is driving these diseases.

“Our job is to do the mechanistic part: try and figure out what’s causing the problem and then we can produce or identify a target to intervene; to develop ways to improve heart or bone disease outcomes,” explains Mallon.

“We have a remit where almost everything we do in research is developed in terms of large international collaborative networks and the POPPY study is a very good example of that. It is the largest study in Europe that is looking at older people with HIV. It has six centres around the UK and here in Dublin we have almost 2,000 recruits to this study and it is now entering its fourth year.”

Additionally, Mallon and his team have just completed research into the relationship between a commonly used HIV treatment called Abacavir and heart attacks. Ten years ago, a large international study identified an association between people on Abacavir and a twofold risk of heart disease. Mallon’s team found that the risk was reversible - it went away when people stopped taking the drug - and alongside Dermot Kenny’s platelet research group in the RCSI, they found that it was related to problems around platelet function, specifically an effect within platelets involving a pathway regulated by glycoprotein GP6.

“It’s probably one of the biggest safety controversies in HIV for the last decade and UCD, along with our colleagues in RCSI, really led the way in terms of not only identifying the pathway affected but bringing the research right through in the last seven or eight years to the clinical phase where we have very robust translational evidence from an international randomised controlled trial that definitively shows the association.”

What’s next for Mallon is plenty of collaborative work with UCD Centre for Research in Infectious Diseases: the HMRG have several projects up and running with Principal Investigator Dr Virginie Gautier, including profiling of individuals with HIV on treatment to figure out if there are certain biological profiles of individuals with HIV that are more responsive to cure strategies.

“I think marrying our host-pathogen research around HIV cure and longer-term clinical outcomes is really where we’re setting our ambition for the next five years within infectious research at UCD,” says Mallon.

Dr Patrick Mallon was in conversation with Marie Boran (BSc 02), a freelance science and technology journalist, Irish Science Writer of the Year 2108 and is currently pursuing a PhD in science communication.

Books



Progressive Business Models – Creating Sustainable and Pro-social Enterprise

Dr Eleanor O’Higgins, UCD School of Business and Professor László Zsolnai, Corvinus University of Budapest

Palgrave Macmillan
ISBN 9783319588032

Dr O’Higgins and Professor Zsolnai are joint editors of this in-depth examination of the need for more progressive business models, in the context of global sustainability and respect for future generations. The book features chapters written by academics and business people from all disciplines and backgrounds.

Over the past number of years, the deterioration of life on Earth can be largely attributed, according to the editors, to big business and specifically the environmental and social contexts. Those large multinational corporations are concerned overly with profit and shareholder returns, without caring about their impact and their distance from the environments they exist in.

The editors provide a stark outline of the prevailing business models, the umbrella of Corporate Social Responsibility which corporations hide under and the lack of any responsibility among stakeholders, who simply take on a no-blame stance. Certainly individual shareholders have no power to alter corporate outcomes. Is big business failing the next generation? Do they care? Seems not...

The book continues with chapters taking an in-depth look at a number of companies that have adopted progressive business models. They range from pharma, banking, food through hotels and retail. It is interesting to note that they are all European founded, while having global reach. Will these models influence globally? A very interesting point was from the CEO of Novo Nordisk who said that while eliminating diabetes was an achievement he would be proud of, it would wipe out a large part of his company’s business

Let’s see how it all pans out. **MS**



Building Reputations: Architecture and the Artisan 1750-1830

Dr Conor Lucey,
UCD School of Art History and Cultural Policy

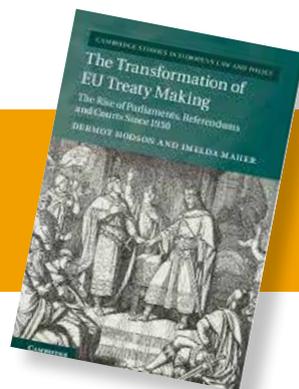
Manchester University Press
ISBN 9781526119940

This richly historical book takes us back to the late 18th and early 19th centuries, the end of the Georgian era, to examine the birth of modern architecture. This was the era when the building of row or terraced houses was popular. This required only a builder, with the more artisanal roles required for the interior decoration of the houses. However, a distinction arose between architecture as a profession and building as a trade, the difference between designing and making. How much more design did these houses need? The gap started to grow between these professions. Architects focussed on the bespoke houses.

During this era, the building of the row house became standardised. They were brick terraced houses and the style which started in London, continued on to Dublin and then over the Atlantic to Philadelphia and Boston.

The artisan, who was a rung up the ladder from the builder, was prized for his ability to dictate the interior design, enriched plaster ceilings and cornices, decorative plasterwork reflecting new architectural tastes within what had become the standardised brick shell.

The author takes us through chapters on life in the various trades involved in the building process, designing houses, decorating houses and, of course, selling houses. And has anything changed as we settle into the 21st Century, architects and builders still have their own individual ideas. **MS**



The Transformation of EU Treaty Making – the Rise of Parliaments, Referendums and Courts since 1950

Associate Professor Dermot Hodson,
Birkbeck College, University of London and
Professor Imelda Maher, UCD School of Law

Cambridge University Press
ISBN 9781316282557

Treaty making is at its core, ‘a struggle on the international stage, between those who claim to speak and act with authority on an international stage’. Indeed, treaty making is fundamental to the continued existence and functionality of many international bodies, the European Union among them. The EU, itself created from the EEC by the Maastricht Treaty, offers a fascinating glimpse into the evolution of treaty making as people, national courts and national parliaments become more involved in the process.

From ratification crises (with reference to the European Defence Community treaty, the only treaty to be abandoned failing ratification by member nations) to offering suggestions for the reformation of treaty making, Hodson and Maher offer a fascinating and measured insight to the delicate mechanisms of governance by treaty.

This book documents and explains the effect on national parliaments, referenda and national courts of treaty making in the European Union. To be bound by a treaty, a state (usually by its people) must consent to be bound. This book is a fascinating read as we listen to negotiations, and eagerly await for a treaty between the EU and a post-Brexit United Kingdom.

RNIM



Notes to Self - Essays

Associate Professor Emilie Pine,
UCD School of English, Drama and Film

Tramp Press
ISBN 978-1-998008-4-3

Rarely is a book written by an academic reviewed by the mainstream media with adjectives such as “raw” (The Independent), “startling” (The Irish Times), “unflinching” “heart breaking and heart mending” (RTÉ), and “taboo-shattering” (The Irish Independent). But, Associate Professor Emilie Pine’s debut book, Notes to Self – Essays, is not the usual publication to come from an academic and will undoubtedly stay in the best sellers list from now until Christmas.

Publishers, Tramp Press generally don’t publish non-fiction but once you begin to read Emilie’s essays, you find yourself engrossed in the way that only happens with the best of novels. Tramp Press would have known at the opening line - “By the time we find him, he has been lying in a small pool of his own shit for several hours” - that they had a huge hit on their hands. The essays are not fictional stories but thoughtful recollections of true experiences and the depth of their authenticity makes them ever-so relatable.

There are points in these essays when you feel the sting of your tears; for each reader the place may be different but the extraordinary vividness and beauty of the prose leaves the reader catching their breath before turning each page.

There are six essays in the book. They tackle issues such as addiction, loss, sexual violence, personal doubt and societal discrimination through the author’s own experiences, which will lead to really interesting conversations in book clubs. This book is not just for women... **EOB**

UCD Bootcamp



Pictured are some of the 110+ faculty and staff who took part in the 12 week Healthy UCD Bootcamp run in conjunction with UCD Culture & Engagement and delivered by instructors from UCD Sport and Fitness.

UCD spin-out ATXA Therapeutics Ltd secures €2.5 million Funding

ATXA Therapeutics Ltd, a UCD life sciences spin-out, which is developing novel therapeutic drugs to treat pulmonary arterial hypertension (PAH) and other related cardiovascular conditions, has secured €2.5 million in funding under the European Union's prestigious Horizon 2020 SME Instrument Programme. ATXA Therapeutics was founded by Professor Therese Kinsella as a spin-out from the UCD School of Biomolecular and Biomedical Science at the UCD Conway Institute, following over 20 years of extensive research of the biology and signalling of the human prostanoid receptors in the cardiovascular disease and oncology setting.

PAH is a devastating disease of the lung and heart with an urgent unmet need for new improved therapies. While the condition itself is rare, affecting 15-50 patients per million of the population, it carries an enormous health burden with an annual spend of \$6 billion globally on prescribed medicines alone. Securing the Horizon 2020 SME Instrument Award will be key to bringing ATXA's main drug, NTP42, closer to the market by advancing the drug into clinical development. ATXA's drugs also have potential for treatment of several

other widespread diseases including a range of cardiovascular, pulmonary, renal and prostate diseases and certain cancers.

ATXA won this present funding in a highly competitive field of 1,280 applications across the EU, and was ranked within the top 1% of all applicants. The company is one of just three Irish companies to secure funding in this latest round, demonstrating the quality and global impact potential of the companies emerging from the world-class research programmes taking place at the University.



In an endorsement of her achievements, Professor Kinsella was recently invited to Aras an Uachtaráin for a reception celebrating female entrepreneurship. She is pictured here with President Michael D and Mrs Sabina Higgins.

Student Start-up developing Smart Bike Light

Kogii, an early-stage UCD student venture, has been declared overall winner of the 2018 UCD Start-up Stars Programme and has received a €3,000 cash prize, sponsored by Xilinx. The venture is developing an innovative and feature-rich smart bike light to improve real-time safety for cyclists. Kogii also plans to use the data acquired from the light's sensors to help understand precisely what factors make a road dangerous for cyclists.

The light, which is attached to a cyclist's seatpost, uses motion sensing to detect braking, and when it does, it behaves like a car brake light to assist drivers in understanding a cyclist's intentions. Depending on ambient lighting conditions, the brightness of the light will also change to maximise the visibility of the cyclist. It brightens to improve visibility during the day and dims to avoid dazzling drivers at night.

In addition, it incorporates proximity sensors to actively monitor surrounding vehicles. When vehicles come within a dangerous range of the cyclist, the light will dynamically flash to alert drivers of potential danger and improve their visibility or awareness of the cyclist. Data from these sensors will also allow Kogii to develop interactive visualisation maps to show dangerous cycling zones, at differing times of the day, to improve awareness of such zones to cyclists and drivers.

The members of the Kogii team are Karl Roe, Andrea Pignanelli and Callan Eldon.

The UCD Start-up Stars entrepreneurship programme, now in its fourth year, has been developed by UCD Research and Innovation, the UCD Innovation Academy and UCD Michael Smurfit Graduate Business School, to support UCD undergraduate and postgraduate students who want to work together to develop and grow start-up companies. As part of the programme 6 early stage ventures, with a total of 17 team members, were selected to participate in an intensive 4-week mentoring programme which took place at NovaUCD.

The aim of this mentoring programme was to assist the students in refining their start-up ideas through a series of structured workshops, including taught content from industry experts, interactive workshops and regular pitching



Tom Flanagan, Libby Gribben, Kogii founders, Callan Eldon, Andrea Pignanelli and Karl Roe with Helen McBreen.

sessions. In addition each team also received a cash stipend and office space at NovaUCD.

The judging panel was: Tom Flanagan, Director of Enterprise and Commercialisation, UCD; Libby Gribben, Vice-President, Global HR, Xilinx; Helen McBreen, Investment Director, Atlantic Bridge; and Bryan O'Higgins, Manager, AIB Branch at UCD. The sponsors of the programme are: AIB, Arthur Cox, Goodbody Stockbrokers and Xilinx.



Pupils from Tallaght Community School participate in the inaugural UCD DCRC Summer School.

Engaging Patients and Pupils in Diabetes Research

Researchers from the UCD Diabetes Complications Research Centre (DCRC) led by Professor Catherine Godson, UCD Conway Institute and School of Medicine welcomed patients with diabetes to their inaugural Patient Voice in Diabetes Research event in June.

The aim of the initiative, led by Dr Fiona McGillicuddy and Dr Neil Docherty, and co-hosted with Diabetes Ireland, is to encourage researchers and patient communities to exchange knowledge and information to ensure that the core objectives of the UCD DCRC are guided by patient experience and expectations.

Patients discussed the challenges they face in their treatment pathway and highlighted the areas they would like to see addressed through further research. Kate Gajewska, a diabetes educator and doctoral candidate in Royal College of Surgeons in Ireland, spoke about the history of diabetes and her personal experience with type 1 diabetes.

Professor Donal O'Shea, UCD School of Medicine and St Vincent's University Hospital highlighted the progress and outstanding challenges in diabetes research in his talk entitled '30 Years in Diabetes and Obesity'. He emphasised the importance of dialogue between the patient's voice and the research

community. The DCRC will hold a further patient voice event on World Diabetes Day, 14 November.

In August, ten secondary school pupils from Tallaght Community School were given an insight to scientific research from diabetes researchers as part of the first UCD DCRC summer school, led by Dr Fiona McGillicuddy.

The pupils carried out laboratory experiments under the supervision of PhD student mentors; explored DNA with the Amgen Biotech Experience Ireland team; attended a lecture on 'Is obesity a disease?' by Professor Carel le Roux, Professor of Experimental Pathology in UCD DCRC and School of Medicine and heard about sports health and performance from Dr Caoileann Murphy, UCD Institute of Sports & Health.

It was clear from the presentations that the pupils gave to the research team at the end of the summer school that they were inspired by what they experienced during their visit to UCD.



Pictured is Miriam O'Callaghan in conversation with Mr Justice Frank Clarke.

UCD Sutherland School of Law welcomes Chief Justice to IALT Spring Discourse

In his capacity as President of the Irish Association of Law Teachers, Dr Mark Coen, UCD Sutherland School of Law hosted the IALT Spring Discourse in UCD earlier this year. The IALT was established in 1979 with the objective of advancing legal education, legal research and the work and interests of law teachers on the island of Ireland.

The IALT and the School were honoured that the Chief Justice, Mr Justice Frank Clarke, accepted the invitation to speak at the event. In front of an audience of over forty legal academics from throughout Ireland, UCD Law alumna, Miriam O'Callaghan, conducted a wide-ranging interview with Mr Justice Clarke in the School's Moot Courtroom. The event was sponsored by Matheson and Miriam O'Callaghan acted pro bono. The audience heard the judge's reflections on his early life, education, experience of legal practice and what it means to be a judge in the twenty-first century. Feedback from attendees was overwhelmingly positive, with the interview format proving popular in place of the more usual lecture. Those who attended felt that they now knew the learned, affable and humorous man who heads the Irish judiciary. The interview was followed by a reception in the Gardiner Atrium.

New Research Management System to support researchers

RMS Profiles is UCD's version of Symplectic Elements, an online tool to help researchers capture, collate and showcase their research profiles. This is an internationally acclaimed system, used by more than 300,000 researchers at over 80 of the world's top universities including the University of Oxford, Cambridge, MIT, Princeton University, and Imperial College London.

The web-based system helps researchers to effectively record details of their research activity by entering only minimal information that the system automatically supplements by searching online bibliographic databases, such as ORCID and Scopus, to find and import publication information. They can use their data within the system for multiple purposes including promotion of research activity both internally and externally, capturing of research impact information and checking compliance with funder requirements in areas such as Open Access. Researchers can

create their online web profile pages at a unique and easy to remember URLs.

To reduce the burden on researchers, RMS Profiles will be the primary data entry point for research information wherever possible and will automatically transfer data into existing systems when required. Information such as research grants, modules co-ordinated, students supervised, researchers' contact details and full text publications in the UCD Library's Research Repository are also automatically entered from UCD's existing systems.

All academic and research staff within the University have access to RMS Profiles. Training for users has been developed by the project team and is being rolled out to support the launch.

Liam Cleere, Senior Manager Analytics and Impact, UCD Research, Innovation and Impact told UCD Today: "Over 80% of the traffic to the UCD Research website is related to researcher profiles. We partnered with Symplectic on the new system to showcase our researchers' unique strengths to a global audience. The

expected benefits of the new system are improved visuals and usability together with enhanced online researcher profiles." Professor Orla Feely, Vice-President for Research, Innovation and Impact, said: "It is vitally important that we are able to recognise and promote the full range of research and innovation activity in which our researchers are involved, including publications, impact and contributions to society."

For any questions or queries regarding RMS Profiles, please contact rmssupport@ucd.ie



‘This is Seaweed’ Expands into UK Market

This is Seaweed, the Irish organic food company, has expanded into the UK market with its range of seaweed flakes, now on sale in Selfridges. The flagship store on Oxford Street, London, is now stocking the range of organic seaweed flakes (Kelp, Alaria and Dulse).

The company’s aim is to encourage consumers to engage with seaweeds and to understand the benefits they possess in terms of nutrition and taste. Each seaweed in their product range has its own suite of beneficial vitamins and minerals that make them ‘superfoods’.

Headquartered at NovaUCD, the company was established in 2015 by Paul O’Connor, a marine biologist and a seafood enthusiast. He told UCD Today: “Selfridges’ flagship store on Oxford Street has long been recognised as one

of the UK’s most esteemed food halls and to add them to our list of current stockists is a mark of great distinction for us. We are currently seeking to raise €1.5 million to develop new products and to assist in expanding our market reach further within the UK and across Europe and we hope to create up to ten new jobs within the next two years.”

This is Seaweed products are currently on sale online and in over 20 stores across Ireland and The United Arab Emirates. The company is supported by Enterprise Ireland and Bord Bia.



Paul O’Connor, Founder, This is Seaweed.



International Appointment

Enda Carroll, Assistant Director - Study Abroad & The Americas, UCD International has recently been appointed Chair of the Board of Directors of The Forum on Education Abroad.

Enda is the Board’s fifth chair since the Forum’s foundation in 2001 and the first to be based at a member institution outside the USA. Over the next three years, she will lead the Board in the important mission of guiding The Forum to serve as the collective voice for education abroad in the USA and globally.

The Forum is a membership organisation recognised by the US Department of Justice and the Federal Trade Commission as the Standards Development Organization (SDO) for education abroad. The Forum’s 800+ members include US colleges and universities, overseas institutions, consortia, agencies, and provider organisations. The Forum focuses on developing and implementing standards of good practice, leading research initiatives, and offering educational programs and resources to its members. It hosts an annual conference in the USA, in addition to a biannual European conference. UCD hosted the first European conference in 2012, attracting 500 professionals involved in international higher education from across the world.

In the initial months of Enda’s term, a major priority for the Board will be to identify and appoint a new CEO and President. This appointment will be made in the context of the Board maintaining momentum on addressing critical issues for the Forum, among them, diversity and inclusion, membership and governance. In the longer term, she will seek to identify opportunities for the Forum to attract more membership from outside the USA, and to make the resources of the Forum more relevant to broader audiences within the field.



Summer School participants at Dublin Zoo

UCD School of Veterinary Medicine Summer School

UCD School of Veterinary Medicine’s annual Summer School for 5th year secondary school students interested in a career in veterinary medicine took place at the end of June. The Summer School is a one-week, non-residential course which aims to give students a taste of what it’s like to study at UCD, and also an idea of the reality of life as a veterinary professional. Each year, the programme includes talks and discussions from veterinary clinicians, practical lab sessions, demonstrations and visits to animal and veterinary facilities dealing with various species.

This year’s students were paired with undergraduate vet student mentors, and they attended a series of talks from lecturers and residents across the week. The students also had the opportunity to attend practicals, a postmortem and get hands-on practice in the Clinical Skills Centre. Trips were organised for the group to The National Stud, Troystown Greyabbey Equine Veterinary Services, UCD Lyons Farm and Dublin

Zoo, so that they could see how Veterinary Medicine is practiced or taught in each of these places.

Many thanks to faculty, staff and mentors involved for their help in making the programme such a success. Particular thanks to Dr Alison Reynolds, Lecturer/Assistant Professor, Veterinary Biosciences Section, who co-ordinated the Summer School.

UCD's World Cup Silver Medallists

Ireland's Women's Hockey World Cup fairy tale ended with an historic silver for a team which included nine current and former UCD students. Thousands lined the streets of Dublin over the bank holiday weekend in August to give the team a hero's welcome home. Training and commitment paid off in another year of great sporting success at UCD. Rank outsiders going into the tournament, Ireland's first in 16 years, the squad's wins against the USA, India and Spain surpassed everybody's expectations including their own. The team lost in the final to now eight-time World Cup champions and three-time Olympic gold medallists, deserving winners The Netherlands.

Under the captainship of UCD veteran and Ad Astra Elite Sports scholar, Katie Mullan, the side became the first Irish field sport team ever to reach a World Cup final. Katie, an engineering graduate from 2016, who graduated with an MSc Engineering in September, was joined by current Ad Astra scholar Elena Tice (Economics), and her five fellow Ad Astra alumni, Deirdre Duke (Law with Social Justice), Gillian Pinder (Business and Law), Chloe Watkins (Commerce, International), Anna O'Flanagan (Law with Economics) and Emily Beatty (Psychology). Also included in the 18-strong contingent were UCD graduates Nikki Evans (Business and Law) and Grace O'Flanagan (Commerce).

Of the nine members of the Irish squad involved with UCD Ladies Hockey, seven were



UCD Captain Deirdre Duke, Irish Captain Katie Mullan and Elena Tice at a reception in UCD to welcome the team home.

enrolled in the Ad Astra Elite Sports programme during their time at the University.

Speaking after arriving home, team captain Katie Mullan left little doubt what the next goal is. "We've never played in a World Cup, now we have. We've never played in an Olympic Games, that's our next goal. It's been incredible. Hopefully young girls will look at this story back home and say that they want to be sporty, be in a team and go for it."

UCD Captain Deirdre Duke scored two goals in the opener against USA which is where the dream started to become a reality. She said: "It's a dream come true to even play in a World Cup but to score two goals is just bizarre ... I just don't want the bubble to burst."

Duke also commented on the importance of women's sports and how the team feels proud of inspiring future generations of sportswomen. "Women's sport is growing and growing. You have to pinch yourself to realise that you are part of that." The Irish women's senior team has climbed eight places in the FIH World Rankings to

8th with preparation beginning ahead of the Tokyo Olympic Games in 2020.

Two of UCD's, and indeed Ireland's, finest now have become the latest Hockey World Cup stars to be snapped up by a professional team abroad and will head to Germany in the German Bundesliga League to begin their pro careers. The pair believe the decision will have "huge benefits" for both themselves and their teammates.



David O'Malley (left) and Shane Mulvaney proudly displaying their gold medals!

The Agony and the Ecstasy

At the National Senior Track and Field Championships a trio of UCD athletes affirmed their status as best in Ireland. In a dominant display, Mark English a UCD medical student and semi-finalist in the 800m at the 2016 Rio Olympics, claimed his sixth national athletics title with a gold in the 800m.

Taking a fourth national title was Sarah Lavin, a physiotherapy student, in the women's 100m hurdles. Stepping up to the winner's podium too was UCD Graduate Scholar Claire Mooney, in the women's 400m, and former Ad Astra scholar Ciara Mageean, who won both the 800m and 1500m national titles.

At the European Championships in August, as race winner Laura Muir (Great Britain) took gold, Ciaran Mageean looked set to repeat her 1500m bronze medal from 2016 as she closed in on third place but was denied bronze in the closing stages of the Berlin race after a superb effort left her agonisingly close to a podium finish. After giving her "absolute all" in the final, she told RTE she was "bitterly disappointed" with the result. "I came to try to bring another medal home for Ireland, to join Tom [Barry] with some metalwork around my neck. I gave it everything out there and just fell short. It was a tough run. I'm proud to be able to go out there and give everything in the Irish vest."

Ciara is one of only three Irish female athletes, alongside Sonia O'Sullivan and Derval O'Rourke, to have won a European Championship medal.

Unfortunately Mark English, was eliminated in 800m heats despite a season's best time of 1.48.98. A dejected Mark said that things hadn't clicked how he'd wanted them to "but sometimes that's the way it goes".

Claire Mooney and her team were eighth in their semi-final heat in the women's 400m relay.



Ciara Mageean



Mark English

Gold and Silver at U23 World Rowing Championships

From the hockey pitches in London to the waters in Poznan, UCD and Ireland enjoyed incredible success as they brought home gold and silver from the U23 World Championships.

Talented UCD oarsmen Shane Mulvaney and David O'Malley made their mark in Poznan, winning gold in the men's lightweight pair. Having won bronze last year, they showed tremendous self-belief to take the gold. Italy seemed set to dominate their final, but Ireland and Greece moved on them before the 1500 metre mark. Italy could not deal with the speed of their opponents and Ireland would only settle for the gold winning by two-thirds of a length. Mulvaney and O'Malley are both Ad Astra Academy athletes studying science and medicine respectively, and are the first ever Irish team to win gold at these championships.

"It's some feeling," said David O'Malley, who teamed up with Shane Mulvaney for the second consecutive year, and this time the UCD men had only one thing on their minds. "After the bronze last year we wanted gold. We wouldn't have been happy with anything else."

Following the historic victory, it was the turn of the lightweight men's quad, lead by UCD's Andrew Goff, to claim silver. In a dash to the finish line, the Irish crew came from lagging in third place to pushing past the United States to finish second behind race winners Italy. An Ad Astra Elite scholar, this is Goff's second medal at the championships in two years.



Seamus Flanagan lined out for the All-Ireland winning Limerick hurling team



Jack McCaffrey and Paul Mannion take a well-earned rest!



Noelle Healy (left) with the Brendan Martin Cup

UCD represented across All-Ireland GAA Championships

The end of August and into September sees the end of the GAA Championship with the ultimate prize of All-Ireland glory is at stake. As always UCD, with its proud GAA tradition, has many students and graduates line out across all the four GAA sports.

The All-Ireland Hurling Final in August saw Limerick face Galway. Limerick went on to claim the Liam McCarthy cup for the first time in 45 years with UCD Medicine student Seamus Flanagan lining out for the team. Seamus has also been nominated for a GAA-GPA PwC All-Star hurling awards alongside graduates Cillian Buckley and James Maher (Kilkenny).

Kilkenny also missed out in the Camogie All Ireland Championships as they were beaten by Cork in the final. UCD graduate Grace Walsh was a member of the team and has also been named at corner back in the RTÉ Sunday Game Senior Camogie Team of the Year 2018.

In the men's football final, Dublin were going for four in a row against 2017 semi-finalists, Tyrone. The Boys in Blue were again triumphant and UCD again strongly represented with some of its finest students and graduates. Con O'Callaghan, Jack McCaffrey, Brian Fenton, Cian O'Sullivan, Eoin Murchan, Mick Fitzsimons, David Byrne, Cillian O'Shea, Paul Mannion, Conor Mullally, Michael Darragh McCauley and Colm Basquel were all part of the Dublin panel for the final.

Medicine graduate, now Dr Jack McCaffrey, received the Man of the Match award 2018 and, along with fellow graduate

Brian Fenton, has been nominated for Player of the Year for their performances with Dublin in 2018.

UCD student Dublin's Con O'Callaghan and graduates Paul Mannion, Jack McCaffrey, Brian Fenton and Eoin Murchan and Monaghan's Ryan Wylie were also nominated for the 2018 GAA-GPA PwC All-Star football awards.

Finally in the Ladies Football final, Dublin were meeting Cork for the second year in a row. UCD students Martha Byrne, Tarah O'Sullivan, Lucy Collins and Niamh Collins and graduates Noelle Healy and Sinead Goldrick were involved with the Dublin Senior Ladies and went on to defeat Cork to win the All Ireland Ladies Senior Football for two in a row.

Top of the class as UCD AFC crowned First Division champions

Prior to being relegated in 2014, UCD was for a long time the only university in Europe to field a team in their national first division. However the good times will now return next season as UCD will be playing Premier Division football in 2019. An unbeaten run dating back to June meant that a point against Finn Harps ensured that UCD were promoted back to the Premier Division as champions.

The visitors from Donegal were the better team for large parts of the game, UCD Captain Gary O'Neill saw an effort go wide but chances were few and far between. They led briefly inside the final ten minutes, before Conor Davis scored his fifth goal in three games to earn a share of the spoils for College.

The Belfield side have also qualified for the semi-finals of the FAI Cup for the first time in 11 years and will play Premier Division leaders Dundalk in their home ground Oriel Park. With many former UCD players lining out for Dundalk including Robbie Benson and most recently Georgie Kelly, a win here will see UCD play in the Aviva on the way to a truly historic double.

This year UCD has been praised for its model which sees the entire team of players currently on scholarship, studying here in UCD. It has been said that UCD model is one that every club in the country should be envious of. Having been relegated in 2014 and spending those four seasons in the second tier, nobody tipped them to be automatic promotion contenders at the start of this year but the young scholars proved everyone wrong.

UCD Soccer Club has produced some of the finest student athletes who have gone on to have very successful careers in other clubs both in Ireland and abroad. Manager Collie O'Neill is adamant that this model can be equally successful



in the premier division and is confident his players will again silence the naysayers. As the College season is ready to kick off the league side has little time to rest and now this team will look to retain the Colleges League and Collingwood Cup again this year.

The Ad Astra Elite Sports Programme

The Programme continues to shine on the national and global stage. Ad Astra Academy Director, Professor Barbara Dooley told UCD Today: "To have so many of our scholars compete and win at international level is unheard of. Studying for a degree and achieving these levels of success is unprecedented. These are fantastic examples of how the Academy can nurture exceptional students by offering them unique supports and opportunities to further develop their talents."

As well as the athletes mentioned in the various articles on these pages, the UCD Ad Astra Elite Sports strand achieved success in a variety of sporting arenas during 2018.

Rugby: Andrew Porter (Arts), Garry Ringrose (Business and Law), together with alumni Jonny Sexton, Rob Kearney, Dan Leavy, Josh van der Flier and Luke McGrath were part of Six Nations Grand Slam winning team. The aforementioned won the Guinness Pro14 and the European Cup, alongside current student Ross Molony (Commerce)

and alumni Adam Byrne, Ross Byrne, and Nick McCarthy.

Modern Pentathlon: Mike Healy (Agricultural Science) won a silver medal at the Pentathlon World Cup in Hungary, with partner Kate Coleman-Lenehan, also an alumna of the Academy. Mike achieved 4th place in the World University Championships in Budapest. Alumnus Arthur Lanigan O'Keeffe won Gold at a World Cup event in May, followed by a bronze medal at the Modern Pentathlon World Cup final in

Kazakhstan in June. He is currently ranked No 2 in the world.

Badminton: Paul Reynolds won gold at European Championships, bronze at the Welsh Open and retained his Irish national title.

Equestrian: Matt Garrigan (Agricultural Science) won the Young Riders (under 21) championship at the RDS Dublin Horse Show and also the Bursary competition. Emma O'Dwyer (Physiotherapy) won five international and four world ranking places.

Sailing: Liam Glynn achieved bronze at the U-21 world championships in Poland.

Swimming: Patrick Flanagan came fourth in the 400m freestyle at the Paralympic European Championships in August.

Enjoying the Erasmus Experience

Erasmus captures the spirit of adventure and exploration for students. This year two students illustrated the Erasmus potential in a pioneering way...

UCD Access and Lifelong Learning and UCD International are delighted to welcome back Conor Lynott and Philip Power who have recently completed Erasmus Exchanges in University College London and Utrecht University. Conor and Philip have additional support requirements which were met by Erasmus+ grants. We hope that their stories will inspire more students with disabilities to take up opportunities to study abroad.

Erasmus – A Learning Curve in Life Balance - Conor Lynott (Stage 4 BA International)

I have spastic diplegia cerebral palsy. To put things into perspective, in my two years in UCD before Erasmus in London, I had only ventured off campus twice. So, it's fair to say that I was anything but an outgoing person.

How did I get myself to London? I dared myself to go there. I heard about the opportunity in a history lecture and part of me thought I was crazy to go for it, yet a more carefree part was saying, 'You've nothing to lose'.

The carefree part was right. More than anything, my Erasmus experience in London taught me that to take care of academic life, other things need to be taken care of too. This means having the courage to go out and meet people, taking care of your body and learning more about your strengths and limitations as a human being through social interaction and



exploration. I realised that, without balance, you forget why you're studying in the first place and you become robotic in your college routine. After exploration and interaction with different cultures, you come back refreshed, experienced and with a renewed sense of purpose. For me, it taught me so much about taking control of life, with or without a disability.

You will only get this opportunity once – to truly learn how to live the fullest life. Don't miss out.

The Real Erasmus Experience - Philip Power (Stage 4 Law with Economics)

Picture it ... cycling against the wind along a narrow, uneven, cobbled street beside a canal with water flowing as fast as traffic during rush hour. That was me on the way to class almost every morning during the first half of this year! Just last year, I had made a huge decision to apply for a student exchange through the Erasmus programme to Utrecht University in the Netherlands for the spring semester.

This was a huge decision for me as a deaf student. I never listen to lectures and tutorials in English, I used an Irish Sign Language (ISL) interpreter to interpret everything being said during all academic contact hours. They did not speak ISL in the Netherlands and trying to understand classes in another sign language was challenging for me. I would not have got through my time abroad if it was not for the support and encouragement from both my family and UCD staff. The system of providing services for students with disabilities there was unfortunately hard to work out and, instead, the UCD staff went overboard to support me with the financial costs of my learning supports, and I arranged local sign language interpreters using my own connections. I am forever grateful for what UCD has done in helping me get the real Erasmus experience.

I learned a lot about the Dutch way of life and their study culture, as well as meeting new friends from the four corners of the Earth and I found that really enjoyable!

Success for Team Éirloop

Students from UCD and Insight Centre for Data Analytics were part of Team ÉirLoop, comprising students from a number of Irish higher education institutions, who collectively entered the SpaceX Hyperloop Pod competition. Elon Musk set up the competition "to accelerate the development of functional prototypes and encourage student innovation. SpaceX announced the competition in 2015, to challenge university teams to design and build the best transport pod".

Team ÉirLoop was one of only 20 teams shortlisted for the finals held in the US, out of the many hundreds that apply from around the world. They hope their pod will reach speeds of up to 480kph!

Minister of State for Training, Skills, Innovation, Research and Development, John Halligan TD had some very positive comments: "Team ÉirLoop is an inspiring group of young, driven and ambitious students. As an entirely student-led team from several Irish higher



education institutions, they have shown great initiative and resourcefulness. Their success to date is extraordinary, making it to the finals of the Hyperloop competition on their first try. There is no doubt that the accomplishments of Irish projects, such as Éirloop, positively impact Ireland's international reputation for science and innovation excellence and I wish the team all the best."

Team ÉirLoop finished fifth overall, an incredible accomplishment as this was their first time to compete in the finals. The overall winner was a German consortium that has won on a number of previous occasions. In addition, the Irish team received the top innovation award for their design.

Stage 3 Genetics and Microbiology students isolate new yeast species from soil

The full cohort of students were not included in the photo printed in UCD Today Summer 2018, it's being reprinted here to include everyone – apologies for the inadvertent exclusion!

Pictured are (l-r): back row: Sean Bergin, Aaron McLaughlin and Luan Riddel; middle row: Sinéad O'Boyle, Cian Holohan, Alisha Mullen and Anthony Murray; and front row: Eabha Hussey, Shannon Hill, Ciara Lynch and Anjan Venkatesh.

